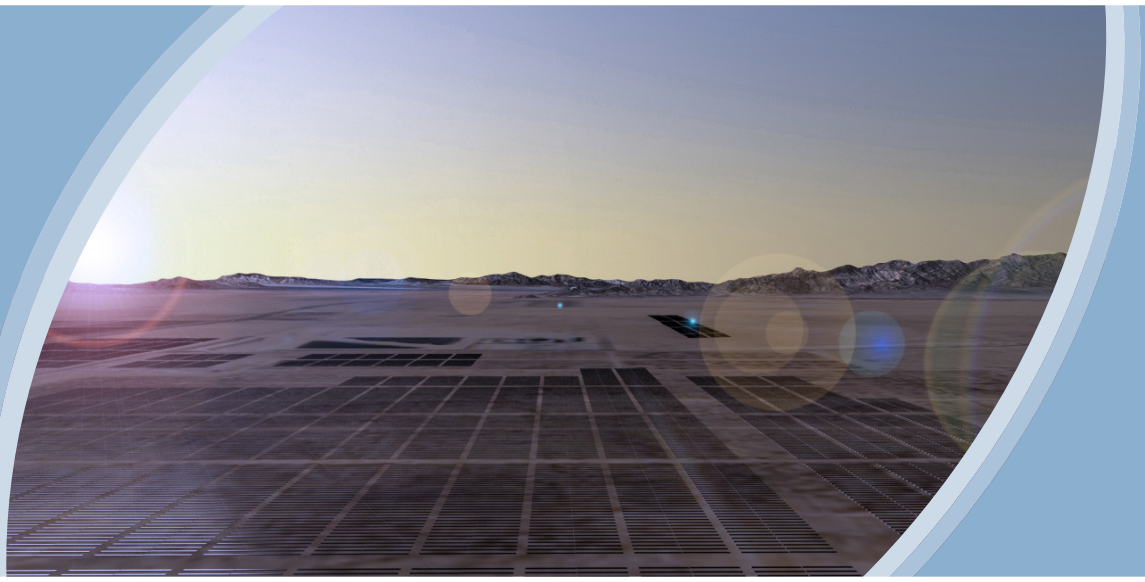
BLYTHE MESA SOLAR PROJECT



Final Environmental Impact Report/Environmental Assessment

Volume VI: Technical Appendices

EIR No. 529
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CEQA/NEPA Lead Agencies:

RIVERSIDE COUNTY
PLANNING DEPARTMENT

U.S. DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

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APPENDIX P
ERRATA

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ERRATA IN RESPONSE TO COMMENTS

Introduction

Specific changes to the text, as shown in this Errata chapter, include those made in direct response to comments received on the Draft Environmental Impact Report/Environmental Assessment (EIR/EA) during the public review period which occurred from June 17, 2014 through August 4, 2014. Specific responses to comments (see Chapter 2) direct readers to specific pages or ranges of pages in the Final EIR/EA. All changes made to the Draft EIR/EA (including the changes noted in this Errata) are indicated in ~~strikeout~~ (deletion) and underline (addition) text, as shown in the text of Chapters 1 through 7 (Volume I and Volume II) of the Final EIR/EA document. The changes in the Final EIR/EA, shown in the section below, do not affect the overall conclusions of the environmental analysis relative to the significance of impacts.

Errata

The following specific revisions in the Final EIR/EA have been made, as set forth below, based on comments received during the public review period.

Response 1-3

Section 3.2.8, *Hazards and Hazardous Materials*, page 3-111 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

> *Federal Aviation Administration Regulations Part 77 – Objects Affecting Navigable Airspace*
>
> Federal Aviation ~~Administration~~ Regulation ~~(FAA)~~ (FAR) ~~regulations,~~ 14 Code of Federal Regulations (CFR) ~~Part~~ 77 – Objects Affecting Navigable Airspace, establish standards and notification requirements for objects affecting navigable airspace. This notification serves as the basis for evaluating the effects of construction or alteration on operating procedures; determining the potential hazardous effect of the proposed construction on air navigation; identifying mitigation measures to enhance safe air navigation; and charting of new objects.

Response 1-4

Section 3.2.8, *Hazards and Hazardous Materials*, page 3-111 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

> *FAA Advisory Circular No. ~~70/7460-1G~~ 70/7460-1K*
>
> FAA Advisory Circular No. ~~70/7460-1G~~ 70/7460-1K, *Obstruction Marking and Lighting*, ~~"Proposed Construction and/or Alteration of Objects that May Affect the Navigation Space,"~~ identifies the need to file the "Notice of Proposed Construction or Alteration" form (FAA Form ~~7640~~ 7460-1) ~~with~~ to notify the FAA regarding any type of construction or alteration of a structure that may affect the National Airspace System (NAS) in cases of potential for an obstruction hazard. The proposed Project includes towers to support the gen-tie line that could be between 85 and 125 feet in height.

Response 1-5

Section 3.2.15, *Traffic and Transportation*, page 3-195 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

> *Proposed Construction and/or Alteration of Objects that May Affect the Navigable Air Space: FAA Advisory Circular No. ~~70/7460-2K~~ 70/7460-1K*
>
> ~~This regulation describes FAA Standards for marking and lighting of obstructions identified by Title 14 CFR Part 77.~~
>
> This circular describes FAA standards for marking or lighting structures to promote aviation safety. ~~This regulation describes FAA standards for construction or alteration of a structure that may affect the National Airspace System (NAS) in cases of the potential for an obstruction hazard.~~

Response 1-6

Table 4.1-1, Cumulative Projects List, on page 4-7 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows (the following is an excerpt from Table 4.1-1):

TABLE 4.1-1 CUMULATIVE PROJECTS LIST

PROJECT NAME/APPLICANT	SERIAL NUMBER	LOCATION	STATUS	YEARS OF CONSTRUCTION	NUMBER OF WORKERS	PROJECT DESCRIPTION
Blythe Airport Solar I Project • U.S. Solar • EA # 42340	N/A	6 miles east of Blythe. Northeast of Blythe Municipal Airport	Approved by the County of Riverside EA Pending with the FAA			100 megawatt (MW) photovoltaic (PV) power plant; 640 acres; construct in five 20 MW phases; includes a 3,200-foot-long 33 kV generation tie.

Response 1-8

Chapter 7, References, pages 7-3 and 7-4 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

> ~~Federal Aviation Administration (FAA). 1985. Advisory Circular No. 70/7460-1G. http://wireless.fcc.gov/antenna/documentation/faadocs/7460-1G.pdf.~~
>
> U.S. Department of Transportation, Federal Aviation Administration (FAA). 2007. Advisory Circular No. 70/7460-1K (http://www.faa.gov/documentlibrary/media/advisory_circular/ac%2070%207460-1k.pdf).

Response 2-1

Mitigation Measures Hydrology-1 and Hydrology-3 in Section 4.2.9, *Hydrology and Water Quality*, on pages 4-267 and 4-268 have been revised and incorporated into the Final EIR/EA as follows:

Hydrology-1 Existing drainage crossings shall be utilized at streams, washes, and irrigation channels to the full extent ~~feasible~~ necessary to reduce impacts to less than significant levels. New access roads not required for ongoing operation and maintenance shall be permanently closed after construction using the most effective and least environmentally damaging methods appropriate to that specific area, with concurrence of the land manager (e.g., stockpiling and replacing topsoil, rock replacement) in a manner that most closely matches undisturbed conditions of the area.

Hydrology-3 New impervious areas associated with temporary construction would be restored to existing conditions, including but not limited to revegetation and decompaction, ~~to the extent possible~~ to the full extent necessary to reduce impacts to less than significant levels, after completion of Project construction.

Section 4.2.4, *Biological Resources*, on pages 4-109, 4-117, and 4-129, of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

BIO-3) Would the Project have a substantial adverse effect on federal protected wetlands as defined by Section 404 of the Clean Water Act (CWA) (including, but not limited to, marshes, vernal pools, and coastal areas) or any State-protected jurisdictional areas not subject to regulation under Section 404 of the CWA through direct removal, filling, hydrological interruption, or other means?

There are two discontinuous ephemeral channels on the Project site ~~is an ephemeral stream within the Project area~~. The ephemeral channel ~~stream~~ crosses first the gen-tie line corridor and again southeast across the solar facility site. The ephemeral channel ~~stream~~ in the Project area consist of swales and erosional features including gullies and potential small washes characterized by low-volume, infrequent, or short-duration flow. There is an agricultural irrigation ditch running close to the eastern edge of the proposed solar array, but it does not cross the Project area and is approximately 75 to 90 feet below the edge of the Project area. There are several palustrine open-water wetlands (POWs), likely stock ponds, in a block in an area that is surrounded by the Project east of the Blythe Airport and north of I-10, but there are no POWs within the Project's boundary.

The U.S. Army Corps of Engineers (USACE) will be consulted with in the preparation of the 404 permit. In addition, any potential impacts to hydrology would be minimized through implementation of the BMPs, as part of the Project. Any necessary grading would follow existing contours ~~as feasible~~ to minimize alteration of existing drainage patterns (BMP-11). Erosion and sedimentation would be minimized through implementation of the Project Drainage, Erosion, and Sedimentation Control Plan (BMP-1), as well as the required Project SWPPP (BMP-2). In addition, Biology-9 (Provide restoration/compensation for affected jurisdictional areas) would be implemented. Post-mitigation potential construction- and operation-related direct and indirect impacts to the discontinuous ephemeral dry wash would be less than significant. The same BMPs discussed mentioned above would be applied during decommissioning activities.

BIO-3) Would Alternative 3 have a substantial adverse effect on federal protected wetlands as defined by Section 404 of the Clean Water Act (CWA) (including, but not limited to, marshes, vernal pools, and coastal areas) or any State-protected jurisdictional areas not subject to regulation under Section 404 of the CWA through direct removal, filling, hydrological interruption, or other means?

There are two discontinuous ephemeral channels on the Project site that ~~An ephemeral~~ drainage bisects the gen-tie line and a portion of the solar facility site and may be affected by construction, operation, or maintenance of the proposed Project. The solar panels have been designed to avoid placement within the discontinuous ephemeral channel ~~ephemeral drainage~~; however, one gen-tie pole would be within the potential ordinary high water mark of the channel ~~drainage~~. With the implementation of the Mitigation Measure Biology-9 impacts would be reduced to a less than significant.

BIO-3) Would Alternative 5 have a substantial adverse effect on federal protected wetlands as defined by Section 404 of the Clean Water Act (CWA) (including, but not limited to, marshes, vernal pools, and coastal areas) or any State-protected jurisdictional areas not subject to regulation under Section 404 of the CWA through direct removal, filling, hydrological interruption, or other means?

There are two discontinuous ephemeral channels on the Project site that ~~An ephemeral~~ drainage bisects the gen-tie line and a portion of the solar facility site and may be affected by construction, operation, or maintenance of the proposed Project. The solar panels have been designed to avoid placement within the discontinuous ephemeral channel ~~ephemeral drainage~~; however, one gen-tie pole would be within the potential ordinary high water mark of the channel ~~drainag~~e. Potential construction- and operation-related direct and indirect impacts to desert riparian woodland wash and unvegetated ephemeral dry wash would be less than significant through implementation of Mitigation measure Biology-9. The same mitigation measures would be applied during decommissioning activities.

Mitigation Measure Biology-9 in Section 4.2.4, *Biological Resources*, on pages 4-145 and 4-146 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

Biology-9 Impacts to areas under jurisdiction of the USACE, Regional Water Quality Control Board (RWQCB), and CDFW shall be avoided as necessary to reduce impacts to less than significant levels. ~~to the extent feasible~~. Where avoidance of jurisdictional areas is not feasible, including emergency repairs, and access/spur roads within the ephemeral channel ~~drainag~~e, the applicant shall provide the necessary mitigation required as part of wetland permitting. This will include creation, restoration, and/or preservation of suitable jurisdictional habitat along with adequate buffers to protect the function and values of jurisdictional area mitigation. The location(s) of the mitigation will be determined in consultation with the Applicant and the responsible agency(s) as part of the permitting process.

~~As mentioned above, a BRMIMP~~ A Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) will be developed to summarize all of the various biological mitigation, monitoring, and compliance measures and include measures from the various biological plans and permits developed for BMSP. The BRMIMP shall include the following:

- All biological resources mitigation, monitoring, and compliance measures outlined in the BMSP Final EIR/EA;
- All biological resource mitigation, monitoring and compliance measures required in federal agency terms and conditions, such as those provided in the USFWS concurrence letter that the Project is "not likely to incidentally take or otherwise adversely affect" federally listed species (FWS-ERIV-12B0299-12I0497);
- All biological resource mitigation, monitoring and compliance measures required by the Riverside County, such as those provided in the December 18, 2013 comment letter (DRT-EPD Corrections) on the BMSP Final EIR/EA No. 529 (CUP 3685);
- All biological resource mitigation, monitoring and compliance measures outlined in the Burrowing Owl Mitigation and Monitoring Plan and the Bird and Bat Conservation Strategy (the full biological plans will be included in the attachments to the BRMIMP);
- All locations on a map, at an approved scale, of sensitive biological resource areas subject to disturbance and areas requiring temporary protection and avoidance during construction and operation;
- Duration for each type of monitoring and a description of monitoring methodologies and frequency;
- Performance standards to be used to help decide if/when proposed mitigation is or is not successful; and

A process for proposing plan modifications to appropriate agencies for review and approval.

Section 4.2.9, *Hydrology and Water Quality*, pages 4-246, 4-247, and 4-248 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

Surface Water, Groundwater, and Water Supply

A~~n~~ discontinuous ephemeral channel drainage bisects the gen-tie line and a portion of the solar facility site and may be affected by construction, operation, or maintenance of the proposed Project. The solar panels have been designed to avoid placement within the discontinuous ephemeral channel ~~drainage~~; however, one gen-tie pole would be within the potential ordinary high water mark of the drainage. Construction of the new substations (approximately 90,000 square feet each), O&M buildings (approximately 3,500 square feet each), and equipment pads (approximately 360 square feet each) would introduce new areas of impermeable surfaces that would potentially interfere with groundwater recharge within the groundwater basin. The two primary access roads (Seeley Avenue and Riverside Drive) to the O&M buildings would be improved for approximately 100 feet and would be 16 to 20 feet wide. The interior access roads within the solar facility site would be unpaved and pervious. The new impermeable surface areas would not result in substantial negative effects on groundwater recharge due to the high proportion of permeable surfaces that would remain. Construction of the interior unpaved access roads and use of heavy equipment and vehicles across the Project area could result in soil compaction, which could increase surface water runoff rates and quantities, as well as decrease the rate at which water is able to percolate through the ground. As part of the Project, soil compaction would be reduced through minimization of ground disturbance (BMP-13) and use of aggregate for new access roads (BMP-15).

Flood Hazards

The Project would be in an area designated by the Federal Emergency Management Agency (FEMA) as Zone D, which is reserved for areas where there are possible but undetermined flood hazards, and where no FEMA flood hazard analysis has been conducted. However, the Project would be on the Palo Verde Mesa, which is on high ground, at an elevation approximately 50 feet above the historic floodplain of the Colorado River (i.e., the Palo Verde Valley). Additionally, the Project would be approximately eight miles west of the current channel of the Colorado River, and it is unlikely floodwaters associated with the Colorado River t~~hat floodwaters~~ would affect the Project.

The ephemeral channel ~~drainage~~ that bisects the southern portion of the proposed solar facility site was analyzed to determine the depth and extent of a 100-year flood hazard area associated with this drainage (see Appendix H *Blythe Mesa CUP 03685 Wash Feature Summary of Findings*). The extent of the floodplain for this area is delineated in Figure 3.2.9-1 *Floodplain Delineation*. The analysis determined a 100-year flood flow would have a flow velocity of 5,557 cubic feet per second and, given the wide, flat nature of the topography, flood depths would be shallow (3.71 feet maximum depth) and average stream velocities would vary from 6.8 feet per second (4.6 mph) to 2.4 feet per second (1.6 mph) outside of the main channel, and scour would be minimal. Based on the results of this analysis, solar panels, associated hardware, and substation foundations could be elevated to provide additional clearance above the calculated 100-year flood depth, and structured that could not be relocated (e.g., transmission line structures) would be designed to withstand potential flood hazards.

This ephemeral channel ~~drainage~~ would be crossed by the gen-tie line; the width of the calculated floodplain would preclude the floodplain from being crossed in a single span, and one pole structure would be sited within the limits of the potential ordinary high water mark, as estimated by field personnel from the USACE. The Project would obtain a Nationwide Permit 12 from the USACE for the placement of the pole structure within the potential ordinary high water mark.

Section 4.2.9, *Hydrology and Water Quality*, page 4-249 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

HYD-3) Would the Project substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?

There are two discontinuous ephemeral channels on the Project site that ~~An ephemeral~~ bisect~~s~~ the gen-tie line and the southern portion of the proposed solar facility site; however, Project design includes buffers between Project facilities and natural washes, as described in BMP-11. Although on-site grading would be minimized, the installation of proposed facilities, including roads, fencing, solar arrays, and towers along the transmission corridor, could interfere with existing drainage patterns on-site. Any necessary grading would follow existing contours ~~as feasible~~ to minimize alteration of existing drainage patterns (BMP-11). Erosion and sedimentation would be minimized through implementation of the Project Drainage, Erosion, and Sedimentation Control Plan (BMP-1), as well as the required Project SWPPP (BMP-2), and other measures as

described in Mitigation Measures Hydrology-1 through Hydrology-4. Implementation of the BMPs, as part of the Project, and mitigation measures would reduce these impacts to less than significant.

Section 4.2.9, *Hydrology and Water Quality*, pages 4-252, 4-253, and 4-254 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

Surface Water, Groundwater, and Water Supply

The Alternative 3 site contains the same ephemeral channel ~~drainage~~ that bisects Alternative 1, and which may ~~would~~ be affected by construction, operation, or maintenance of Alternative 3. The solar panels would be designed to avoid placement within the ephemeral drainage; however, similar to Alternative 1 at least one gen-tie pole would be within the potential ordinary high water mark of the channel ~~drainage~~. Construction of the new substations, O&M buildings, and equipment pads would introduce new areas of impermeable surfaces that would potentially interfere with groundwater recharge within the groundwater basin. The two primary access roads to the O&M buildings would be improved for approximately 100 feet and would be 20 feet wide. The interior access roads within the solar facility site would 12 feet wide and unpaved and pervious. The new impermeable surface areas would not result in substantial negative effects on groundwater recharge. Construction of the interior unpaved access roads and use of heavy equipment and vehicles across the Alternative 3 area could result in soil compaction, which could increase surface water runoff rates and quantities, as well as decrease the rate at which water is able to percolate through the ground. As part of Alternative 3, soil compaction would be minimized through minimization of ground disturbance (BMP-13) and use of aggregate for new access roads (BMP-15).

Flood Hazards

Alternative 3 would be in an area designated by FEMA as Zone D, which is reserved for areas where there are possible but undetermined flood hazards, and where no flood hazard analysis has been conducted. However, Alternative 3 would be on the Palo Verde Mesa, which is on high ground, at an elevation approximately 50 feet above the historic floodplain of the Colorado River. Additionally, Alternative 3 would be approximately eight miles west of the current channel of the Colorado River, and it is unlikely that floodwaters associated with the Colorado River would affect Alternative 3.

The ephemeral channel ~~drainage~~ that bisects the southern portion of the proposed solar facility site was analyzed to determine the depth and extent of a 100-year flood hazard area associated with this drainage (see Appendix H *Blythe Mesa CUP 03685 Wash Feature Summary of Findings*). The extent of the floodplain for this area is delineated in Figure 3.2.9-1 *Floodplain Delineation*. The analysis determined a 100-year flood flow would have a flow velocity of 5,557 cubic feet per second and, given the wide, flat nature of the topography, flood depths would be shallow (3.71 feet maximum depth) and average stream velocities would vary from 6.8 feet per second (4.6 mph) to 2.4 feet per second (1.6 mph) outside of the main channel, and scour would be minimal. Based on the results of this analysis, solar panels, associated hardware, and substation foundations could be elevated to provide additional clearance above the calculated 100-year flood depth, and structures~~d~~ that could not be relocated (e.g., gen-tie line structures) would be designed to withstand potential flood hazards.

Section 4.2.9, *Hydrology and Water Quality*, page 4-255 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

HYD-3) Would Alternative 3 substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?

As described previously, there are two discontinuous ephemeral channels on the Project site that ~~An ephemeral~~ bisect~~s~~ the gen-tie line and the southern portion of the proposed solar facility site; however, Alternative 3 design would include buffers between Project facilities and natural washes, as described in BMP-11. Although on-site grading would be minimized, the installation of proposed facilities, including roads, fencing, solar arrays, and towers along the transmission corridor, could interfere with existing drainage patterns on-site. Any necessary grading would follow existing contours ~~as feasible~~ to minimize alteration of existing drainage patterns (BMP-11). Erosion and sedimentation would be minimized through implementation of the Project Drainage, Erosion, and Sedimentation Control Plan (BMP-1), as well as the required Project SWPPP (BMP-2), and other measures as described in Mitigation Measures Hydrology-1 through Hydrology-4. Implementation of the BMPs, as part of the Project, and mitigation measures would reduce these impacts to less than significant.

Section 4.2.9, *Hydrology and Water Quality*, page 4-257 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

Alternative 4: Southern Alternative 230 kV Gen-tie Line Location

Also similar to Alternatives 1 and 3, Alternative 4 would include the construction, operation, maintenance, and decommissioning of a solar facility and associated infrastructure. The only difference between Alternatives 1, 3, and 4 is the location of the proposed 230 kV gen-tie line that would extend from the solar facility to the Colorado River Substation. The gen-tie alignment for Alternative 4 would be shifted approximately 0.8 mile to the south, leaving the southwestern section of the solar facility and continuing to the Colorado River Substation. The Alternative 4 230 kV gen-tie alignment would be slightly longer than the Alternative 1~~proposed~~ 230 kV gen-tie alignment (9.5 miles versus 8.4 miles); approximately three miles of the Alternative 4 230 kV gen-tie line would not parallel existing transmission lines, and new access roads may be required for construction of Alternative 4. ~~In addition to the~~ The ephemeral channel ~~stream that runs through the solar facility, the gen-tie line for this Alternative would twice cross an ephemeral drainage~~ that drains from Mule Mountain would run through the solar facility portion of Alternative 4. Alternative 4 would potentially have greater ground disturbance and areas of soil compaction than Alternatives 1 and 3. Unless noted below, all direct and indirect impacts to groundwater, water supply, water quality, drainage patterns, and flood hazards would be the same as Alternative 1.

Water Quality

Construction of Alternative 4 has the potential to affect an ephemeral channel ~~drainage~~ that flows north/northeast from Mule Mountain. Construction of the Alternative 4 gen-tie line would require ground-disturbing activities, including clearing and grading for

structure installation work areas, and construction access. Disturbed soils can be susceptible to erosion and increase sediment in stormwater runoff to receiving waters, causing increased turbidity and sedimentation. Construction-related erosion and sedimentation as a result of soil disturbance would be minimized as part of Alternative 4, with preparation of a Drainage, Erosion, and Sedimentation Control Plan (BMP-1) and SWPPP (BMP-2). Additionally, fuel, oil, and other fluids used in construction vehicles, equipment, and heavy machinery could enter drainages via storm flow and contaminate water, introducing additional sources of polluted stormwater runoff. Implementation of BMP-9, as part of Alternative 4, would minimize the potential for accidental release of motor oil, fuel, antifreeze, hydraulic fluid, grease, and other hazardous materials.

Hazardous material storage and management would be implemented in accordance with requirements set forth by the RCFD, Riverside County Office of Emergency Services, DTSC, and CUPA for storage and handling of hazardous materials. Implementation of BMP-9 as part of Alternative 4 would minimize the potential for accidental release of motor oil, fuel, antifreeze, hydraulic fluid, grease, and other hazardous materials. In addition, construction activities would occur according to OSHA regulatory requirements; therefore, it is not anticipated that construction activities for Alternative 4 would release hazardous materials, substances, or waste.

Surface Water, Groundwater, and Water Supply

Construction of new access or spur roads for the Alternative 4 gen-tie line would potentially affect the ephemeral channel ~~drainage~~ that flows from Mule Mountain. These access roads would be sited to avoid natural drainages ~~as feasible~~, would be unpaved and pervious, and would not result in substantial negative effects on groundwater recharge. Use of heavy equipment and vehicles on these access roads could result in soil compaction, which could increase surface water runoff rates and quantities, as well as increase the rate at which water is able to percolate through the ground. Minimization of ground disturbance (BMP-13) would minimize soil compaction.

Section 4.2.9, *Hydrology and Water Quality*, pages 4-259 and 4-260 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

HYD-3) Would Alternative 4 substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, in a manner which would result in substantial erosion or siltation on- or off-site?

The discontinuous ephemeral channel would cross the solar facility portion of Alternative 4 ~~would cross one ephemeral stream that could potentially be affected by the proposed gen-tie line alignment~~. However, BMP-11 would be implemented as part of the Project; therefore, the potential impacts to this drainage would be minimized by ensuring a setback between the discontinuous ephemeral channel ~~drainage~~ and access roads and construction areas. As such, no Project-related impact to this discontinuous ephemeral channel ~~drainage~~ would occur. Although on-site grading would be minimized, the installation of proposed facilities, including roads and towers along the Alternative 4 alignment, could interfere with existing drainage patterns on-site. Any necessary grading would follow existing contours ~~as feasible~~ to minimize alteration of existing drainage patterns (BMP-11). Erosion and sedimentation would be minimized through implementation of the Drainage, Erosion, and Sedimentation Control Plan (BMP-1), as well as the required SWPPP (BMP-2), and other measures as described in Mitigation Measures

Hydrology-1 through Hydrology-4. Implementation of these BMPs and mitigation measures would reduce these impacts to less than significant.

HYD-4) Would Alternative 4 substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

Construction of Alternative 4 would result in slight alterations in the existing drainage pattern of the site or area (refer to discussion in HYD-3). Alternative 4 would be in an area characterized by well-drained soils and low precipitation; furthermore, Alternative 4 would be on the Palo Verde Mesa, which is at a higher elevation than the Palo Verde Valley to the east. Although there is a~~n~~ discontinuous ephemeral channel ~~drainage~~ that bisects the Project area, there are no existing perennial streams or rivers within the Project area. Therefore, there is a low potential for flooding on- or off-site during construction, operation, maintenance, and decommissioning of Alternative 4. Impacts would be less than significant.

HYD-8) Would Alternative 4 place within a 100-year flood hazard area structures which would impede or redirect flood flows?

Alternative 4 would be on the Palo Verde Mesa, at an elevation approximately 50 feet above the historic floodplain of the Colorado River (i.e., Palo Verde Valley approximately eight miles west of the current channel of the Colorado River) and would be unlikely to impede or redirect flood flows associated with the Colorado River. Alternative 4 would relocate or elevate Project components to avoid placing structures within the 100-year flood hazard area associated with the ephemeral channel ~~drainage~~ described in Alternatives 1 and 3. Implementation of Mitigation Measures Hydrology-5 and Hydrology-6 would reduce impacts during construction, operation, maintenance, and decommissioning to less than significant levels.

Section 4.2.9, *Hydrology and Water Quality*, pages 4-262 and 4-263 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

Surface Water, Groundwater, and Water Supply

As previously analyzed, the Alternative 1 Project area contains ~~one~~ discontinuous ephemeral channels ~~drainage~~ that would be affected by construction, operation, or maintenance of the proposed Project. Alternative 5 falls within the same footprint as Alternative 1, with the exception of the development north of I-10. As such, the Alternative 1 analysis would apply for Alternative 5 assuming construction of the new substations, one O&M building, and equipment pad. The one primary access road (Seeley Avenue) to the O&M building would be improved for approximately 100 feet and would be 16 to 20 feet wide.

Similar to Alternative 1, it is assumed that Alternative 5 construction would not involve the use of groundwater pumped from existing wells on-site. During the 36-month construction period for Alternative 5, a fraction of the water demand that is presently needed for agricultural irrigation would be reduced even greater than under Alternative 1 development. Construction water would be used for dust suppression, concrete manufacturing, and fire safety. Accordingly, there would be a beneficial impact to the water supply.

Flood Hazards

Similar to Alternative 1, Alternative 5 would be in an area designated by FEMA as Zone D, which is reserved for areas where there are possible but undetermined flood hazards, and where no flood hazard analysis has been conducted. Alternative 5 would contain the floodplain of the ~~small~~ ephemeral channel ~~drainage~~ for which flood hazards were analyzed (see Appendix H *Blythe Mesa CUP 03685 Wash Feature Summary of Findings*). The Alternative 1 analysis would apply.

Section 4.2.9, *Hydrology and Water Quality*, pages 4-263 and 4-264 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

HYD-4) Would Alternative 5 substantially alter the existing drainage pattern of the site or area, including through the alteration of the course of a stream or river, or substantially increase the rate or amount of surface runoff in a manner which would result in flooding on- or off-site?

As described in HYD-2, the creation of impermeable surfaces relative to the Alternative 5 area would be nominal. Alternative 5 would result in slight alterations in the existing drainage pattern of the site or area (refer to discussion in HYD-3). Alternative 5 would be in an area characterized by well-drained soils and low precipitation; furthermore, Alternative 5 would be on the Palo Verde Mesa, which is at a higher elevation than the Palo Verde Valley to the east. There ~~is one~~ are two discontinuous ephemeral channels ~~drainage~~, but no existing perennial streams or rivers are within the Alternative 5 area. Therefore, there is low potential for flooding on- or off-site during construction, operation, maintenance, and decommissioning of Alternative 5. Impacts would be less than significant.

Section 4.2.9, *Hydrology and Water Quality*, page 4-267 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

Alternative 4: Southern 230 kV Gen-tie Location

Construction, Operation, Maintenance, and Decommissioning

Alternative 4 is similar to Alternative 1 (proposed Project), with the exception of the location of the 230 kV gen-tie alignment. Although Alternative 4 would cross an ephemeral channel ~~stream~~, the cumulative impacts associated with construction, operation, maintenance, and decommissioning of Alternative 4 would be the same as those of Alternative 1.

Response 2-3

BMP-16 in Chapter 2, Table 2-3, Best Management Practices, on pages 2-30 and 2-31 and in Section 4.2.3, *Air Quality*, on page 4-72 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

BMP-16 Diesel engines. All diesel engines used in the facility would be fueled only with ultra-low sulfur diesel with a sulfur content of 15 parts per million (ppm) or less. The Project would require use of construction diesel engines with a rating of 50 horsepower (hp) or higher that meet, at a minimum, the Tier 2 California Emission Standards for Off-Road Compression Ignition Engines, as specified in the California Code of Regulations,

Title 13, Section 2423(b)(1), unless such engines are not available. Equipment meeting Tier 3 standards shall be used~~ as feasible~~. If a Tier 2 engine is not available for off-road equipment larger than 100 hp, an engine equipped with retrofit controls to reduce exhaust emissions of nitrogen oxides (NOx) and diesel particulate matter to no more than Tier 2 levels, may be used; however documentation discussing attempts to utilize Tier 3 vehicles must be provided to the County. Regulatory agencies may determine that use of such devices is not practical when:

- There is no available retrofit control device verified by either the California Air Resources Board (CARB) or the United States Environmental Protection Agency (EPA) to control engines in question to Tier 2 equivalent emission levels and the retrofitted or Tier 1 engines use the highest level of available control technology.
- The construction equipment is intended to be on-site for five days or less.
- It can be demonstrated there is a good faith effort to comply with the recommendation and that compliance is not practical.
- The idling time of diesel equipment would be limited to no more than ~~10~~ five minutes, unless idling must be maintained for proper operation (e.g., drilling, hoisting, and trenching).

Response 2-4

The following text has been added above subheading Water Quality in Section 3.2.9, *Hydrology and Water Quality,* on page 3-122 for clarification. The Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

Water Supply

Non-potable water needs for the Project would be taken from existing PVID water entitlements that support the agricultural operations currently on the proposed solar facility site rather than from evaporation ponds which are common to other solar developments in this region; current operations are not supported by groundwater wells. The proposed Project would use a fraction of the water supply that is presently used for irrigation demand on the Project site. The present use at the Project site is about 12,000 acre feet per year (ac-ft/yr) of water, used to irrigate agriculture. During the 36-month (3-year) construction period for the proposed Project, approximately 1,354 acre-feet (ac-ft) of water (or about 451 ac-ft/yr) would be required. Construction water (non-potable) would be used for dust suppression, concrete manufacturing, and fire safety.

During operations, non-potable water would be used for solar array washing, fire water supply, and on-site maintenance activities (such as may be required for landscape maintenance to support dust control). Operation and maintenance activities could include daily operations and routine maintenance activities, such as PV panel washing, which are anticipated to occur up to two times per year, if necessary, to optimize output. Cleaning of the panels would require up to 345 ac-ft/yr of untreated non-potable water to maintain panel efficiency. Panel washing crews would clean the panels up to twice a year with a lightweight to medium-duty truck. The truck would be fitted with a water tank and air compressor to operate a high-pressure sprayer and cleaning brush system. The operational needs would be further refined pre-construction. It is emphasized that operational needs would be well below the existing (pre-Project) irrigation use of

approximately 12,000 ac-ft/yr. Since the existing water used under the PVID's water right would be used for the Project, no new source of water would be required. Therefore, the Project does not represent a new demand for water supply, but converts a portion of the existing agricultural irrigation use to the proposed solar Project. Based on the existing water right, sufficient supply is available to serve the Project over a 20-year period.

Two O&M buildings would require a total of up to 150 gallons per day of potable water. Riverside County Community Service Area #122 (CSA #122) has issued a will-serve letter for the Project's limited potable water needs. Less than one ac-ft of groundwater per year would be required for potable use in the two O&M buildings. The water supply from PVID sources and CSA #122 is sufficient to meet requirements of the proposed Project, including the minor potable groundwater demand under average-year, single-dry year, and multiple-dry year conditions over a 20-year future projection (refer to Appendix G, *Water Supply Assessment*).

Response 2-5

BMP-12 in Table 2-3, Best Management Practices, page 2-29, Section 4.2.1, *Aesthetics, Visual Resources, and Reflection*, page 4-22 and Section 4.2.4, *Biological Resources*, page 4-94, of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows to ensure that the design of the transmission line will be in compliance with current Avian Power Line Interaction Committee standards and practices.

BMP-12 Gen-tie lines. Gen-tie line support structures and other facility structures shall be designed in compliance with current standards and practices to discourage their use by raptors for perching or nesting (e.g., by use of anti-perching devices). This design would also reduce the potential for increased predation of special-status species, such as the desert tortoise. Mechanisms to visually warn birds (permanent markers or bird flight diverters) shall be placed on gen-tie lines at regular intervals to prevent birds from colliding with the lines ~~(APLIC 2006 and USFWS 2010). To the extent practicable, t~~The use of guy wires shall be avoided because they pose a collision hazard for birds and bats. Necessary guy wires shall be clearly marked with bird flight diverters to reduce the probability of collision. Shield wires shall be marked with devices that have been scientifically tested and found to significantly reduce the potential for bird collisions. Gen-tie lines shall utilize non-specular conductors and non-reflective coatings on insulators.

Response 2-6

The following mitigation measure has been added to Section 4.2.8, *Hazards and Hazardous Materials*, on pages 4-239 and 4-240, of the Draft EIR/EA and incorporated into the Final EIR/EA as follows:

Hazards-3 **Worker Environmental Awareness Program.** The Worker Environmental Awareness Program (WEAP) shall include a personal protective equipment (PPE) program, an Emergency Action Plan (EAP), and an Injury and Illness Prevention Program (IIPP) to address health and safety issues associated with normal and unusual (emergency) conditions. Construction-related safety programs and procedures shall include a respiratory protection program, among other things. Construction would be undertaken sequentially in accordance with a Construction Plan that shall include the final design documents, work plan,

health and safety plans, permits, project schedule, and operation and maintenance manuals. Construction Plan documents shall relate at least to the following:

1. Environmental health and safety training (including, but not limited, to training on the hazards of Valley Fever, including the symptoms, proper work procedures, how to use PPE, and informing supervisor of suspected symptoms of work-related Valley Fever)
2. Site security measures
3. Site first aid training
4. Construction testing (non-destructive examination, hydro, etc.) requirements
5. Site fire protection and extinguisher maintenance, guidance, and documentation
6. Furnishing and servicing of sanitary facilities records
7. Trash collection and disposal schedule/records
8. Disposal of hazardous materials and waste guidance in accordance with local, state, and federal regulations

Response 3-1

As required by Mitigation Measure Biology-7, a *Bird and Bat Conservation Strategy* (BBCS) would be implemented. The BBCS is a guidance document which would help reduce potential impacts during construction and operation and maintenance of the gen-tie line and solar array facility. The BMSP BBCS includes, but is not limited to, baseline surveys, a three-year mortality and injury monitoring program, adaptive management, and care and transport for injured birds and bats. As a living document the BMSP BBCS would implement an adaptive management process in which impact minimization and mitigation measures are continuously reevaluated in order to improve them.

The BBCS, Appendix C4 of the Final EIR/EA document (page 28), has been revised and incorporated into the Final EIR/EA as follows. These changes to the BBCS do not change the content or conclusions in the Draft EIR/EA.

> The primary objective of the operational (i.e., post-construction) avian and bat monitoring is to monitor undesirable nest construction on Project equipment and estimate the annual number of avian and bat fatalities attributable to the Project. These data will provide a measure of plan efficacy and inform adaptive management. Because of the presumed low risk potential for the site, this BBCS does not direct the assignment of a full-time operational Project biologist. BMSP will implement a wildlife reporting system to document incidentally found bird and bat fatalities and to monitor for significant fatality events. The site manager will lead the program and implement a monitoring effort that will account and correct for potential spatial bias and allow for the extrapolation of survey results to non-surveyed areas within the solar plant boundary and tailor the survey interval seasonally based on carcass removal. Site personnel will be trained to follow the wildlife reporting system procedures and complete the wildlife reporting form. Post-construction monitoring will be conducted by facility operators and field engineers during normally scheduled activities.

Response 3-2

As required by Mitigation Measure Biology-7, a *Bird and Bat Conservation Strategy* (BBCS) would be implemented. The BBCS is a guidance document which would help reduce potential impacts during

construction and operation and maintenance of the gen-tie line and solar array facility. The BMSP BBCS includes, but is not limited to, baseline surveys, a three-year mortality and injury monitoring program, adaptive management, and care and transport for injured birds and bats. As a living document the BMSP BBCS would implement an adaptive management process in which impact minimization and mitigation measures are continuously reevaluated in order to improve them.

The BBCS, Appendix C4 of the Final EIR/EA document (page 28), has been revised and incorporated into the Final EIR/EA as follows. These changes to the BBCS do not change the content or conclusions in the Draft EIR/EA.

> Personnel will complete searches of solar arrays within the Project development area as part of normal maintenance and line patrols of the gen-tie line. Searches will consist of walking around solar generation structures to identify carcasses of birds or bats or nesting materials on equipment. The results of the searches will be used to adjust the search frequency and to improve mortality estimates to reflect bias from carcass removal rates and searcher efficiency. Bird nest monitoring and reporting forms for gen-tie line and the solar array are provided in Appendix D of the BBCS. When a dead or injured bird or bat is found, a wildlife incident reporting form will be filled out (Appendix E of the BBCS) and turned in to the site manager. Personnel without the appropriate federal and state permits will not move or transport dead or injured birds. Bird carcasses (except for raptors) can be buried on site but not transported without a permit.
>
> Injured birds and bats will not be handled by personnel. If an injured raptor or sensitive species is found, the CDFW will be contacted to determine whether a rehabilitator should pick up the injured animal.

Response 3-3

As required by Mitigation Measure Biology-7, a *Bird and Bat Conservation Strategy* (BBCS) would be implemented. The BBCS is a guidance document which would help reduce potential impacts during construction and operation and maintenance of the gen-tie line and solar array facility. The BMSP BBCS includes, but is not limited to, baseline surveys, a three-year mortality and injury monitoring program, adaptive management, and care and transport for injured birds and bats. As a living document the BMSP BBCS would implement an adaptive management process in which impact minimization and mitigation measures are continuously reevaluated in order to improve them.

The BBCS, Appendix C4 of the Final EIR/EA document (page 24), has been revised and incorporated into the Final EIR/EA as follows. These changes to the BBCS do not change the content or conclusions in the Draft EIR/EA.

> In general, PV solar projects are passive facilities that are low to the ground (within ten feet) and do not present any intrinsic dangers to avian or bat species. With proper siting, design and management through coordination with USFWS and other resource agencies (e.g., CDFW), risk to these species can be further reduced. The Project will commit to share data with USFWS to compare the Project's PV technology impacts to the data USFWS receives from other project sites using other solar energy technologies. BMSP has integrated a number of design standards and best management practices to avoid and reduce impacts to all wildlife (including avian and bat species) during construction and operation.

Response 3-4

As required by Mitigation Measure Biology-7, a *Bird and Bat Conservation Strategy* (BBCS) would be implemented. The BBCS is a guidance document which would help reduce potential impacts during construction and operation and maintenance of the gen-tie line and solar array facility. The BMSP BBCS includes, but is not limited to, baseline surveys, a three-year mortality and injury monitoring program, adaptive management, and care and transport for injured birds and bats. As a living document the BMSP BBCS would implement an adaptive management process in which impact minimization and mitigation measures are continuously reevaluated in order to improve them.

The BBCS, Appendix C4 of the Final EIR/EA document (page30), has been revised and incorporated into the Final EIR/EA as follows. These changes to the BBCS do not change the content or conclusions in the Draft EIR/EA.

> In the event that the above thresholds are met, the following adaptive measures will be implemented to reduce impacts. This BBCS will be updated to reflect the additional measures and monitoring for efficacy will be conducted for three years following implementation.
>
> - Installation of remedial avian protection equipment (bird flight diverters or perch preventers or dissuaders) in problem areas. Provide annual budget for such equipment
> - Manage, monitor and remove potential bird nesting materials near solar arrays
> - Modification of existing equipment to prevent nesting, perching or other undesired bird access
> - Obtain necessary Federal and State permits for problem nest removal
> - Formal, systematic fatality monitoring along the gen-tie line or within problem areas at the array facilities
> - Employ a dedicated and qualified site biological monitor either full-time or seasonally, depending on the specific issue identified
> - <u>Direct conservation funding toward species and groups that suffer higher mortality as a result of the Project, such as the Sonoran Joint Venture, the Migratory Bird Conservation Fund or the National Fish and Wildlife Foundation</u>

Response 3-5

Section 4.2.4, Biological Resources, on pages 4-102, 4-114, 4-115, 4-121, 4-127, 4-133, and 4-134 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

> <u>*Yuma Clapper Rail*</u>
>
> <u>Based on the terrain, vegetation, and habitat characteristics within the Project study area and available data on known locations, Yuma clapper rail are not expected to be nesting within or in areas adjacent to Alternative 4. Construction activity is not expected to affect Yuma clapper rail nesting or foraging activities. However, migrating birds may potentially be affected by the presence of the solar field, which may produce a “lake effect”, indirectly impacting individuals to by causing them to veer away from appropriate habitat or attempt to land in an inappropriate place, possibly resulting in injury or mortality.</u>

Based on the terrain, vegetation, and habitat characteristics within the Project study area and available data on known locations, Yuma clapper rail are not expected to be nesting within or in areas adjacent to Alternative 3. Construction and operations and maintenance activity of this Alternative is not expected to affect Yuma clapper rail nesting, foraging, or migratory activities.

Mitigation Measures Biology-1 and Biology-7 would be implemented regardless, to reduce potential indirect impacts to Yuma clapper rail. Mitigation Measure Biology-7 requires a Bird and Bat Conservation Strategy (BBCS) with adaptive provisions. The BBCS would be implemented to help reduce potential impacts during construction and operation and maintenance of the gen-tie line and solar array facility. The BMSP BBCS includes baseline surveys, a three-year mortality and injury monitoring program, adaptive management, and care and transport for injured birds and bats. As a living document the BMSP BBCS will implement an adaptive management process in which impact minimization and mitigation measures are continuously reevaluated in order to improve them.

Response 3-8

Section 4.2.4, *Biological Resources*, on pages 4-98, 4-99, 4-112, 4-113, and 4-119 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

Mojave Fringe-toed Lizard

Suitable Mojave fringe-toed lizard habitat is located throughout the solar array site, and the potential for occurrence there is high (refer to Table 3.2.4-3 in Chapter 3). The species was found throughout the gen-tie line portion of the Project (refer to Figure 3.2.4-4 in Chapter 3). In addition to temporary habitat loss of up to 59.46 acres, construction of the proposed gen-tie line may result in temporary displacement of individuals out of the construction area, crushing by equipment or crew, or increased susceptibility to predation during construction. Because eggs are laid in the sand, construction may destroy eggs that are within the Project area during the breeding season. The implementation of BMP-19 would reduce potential impacts from construction activities.

Long-term predation vulnerability may occur due to vegetation loss, which decreases ~~dispersal and~~ refuge opportunities from predators. In addition, increased perching opportunities resulting from construction of the proposed gen-tie line also increases this species' predation vulnerability. Compaction of sandy areas due to construction and vehicular traffic may degrade habitat suitability for this fossorial species. Because this species is mostly herbivorous as an adult, proliferation of non-native plant species that out-compete native plants could have negative impacts on the Mojave fringe-toed lizard.

The proposed Project is located inside a major sand transport corridor referred to as the Chuckwalla sand corridor (PUC 2011). The temporary construction activities may block wind transport of sand downwind and temporarily impact Mojave fringe-toed lizard habitat. This temporary impact of blocking wind transport will occur as a result of the desert tortoise fencing required by the USFWS as part of Mitigation Measure Biology-2.

The gen-tie line would parallel existing and approved transmission lines and roads. Temporary construction impacts may occur downwind where existing sand can be eroded, resulting in the loss of the fine sand which dune habitat are dependent. Existing access

roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. The implementation of Mitigation Measure Biology-1 would require a project inspector to monitor any construction activities in the Mojave fringe-toed lizard habitat to ensure that ground disturbance activities and impacts occur within designated limits and within designated timeframes to minimize the downwind disturbance.

Construction of the Project would have a temporary indirect effect on movement of the Mojave fringe-toed lizard. Mojave fringe-toed lizard movement would be altered due to edge effects associated with the construction activities and gen-tie footprint of the transmission towers and access roads. Individually, species respond behaviorally to the edge itself (the "ecotonal effect") or to the indirect habitat changes associated with edges (the "matrix effect"). Behavioral avoidance of man-made structures and associated edges can decrease movement and deter connectivity within the Chuckwalla Valley. However, the gen-tie line would parallel existing and approved transmission lines and roads. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. In addition, the gen-tie towers would be widely spaced apart from each other, allowing Mojave fringe-toed lizards to continue to move around the transmission towers and transmission lines and presenting minimal impediments to migration within the Chuckwalla Valley.

In addition to Mitigation Measure Biology-1 (Monitor Construction Site for Biological Compliance), Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would also be implemented to reduce the potential direct and indirect impacts to the Mojave fringed-toed lizard during construction of the proposed gen-tie line and solar array facility. Mitigation Measure Biology-8 requires compensation mitigation for habitat loss and direct impacts to stabilized or partially stabilized desert dune habitat (i.e., dune, sand ramp, or fine-sandy wash habitat).

Mojave Fringe-toed Lizard

One BLM-sensitive species, the Mojave fringe-toed lizard, was detected during the 2012 surveys along the gen-tie study area. Although construction of Alternative 3 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 3 would still result in temporary removal and degradation of up to 67.7 acres of this species' habitat, which is still within the Aeolian sand sheet and dune habitat that supports this species. However, Alternative 1 and Alternative 3's gen-tie lines would parallel, in portion, existing and approved transmission lines and access roads; existing access roads would be utilized ~~to the maximum extent possible~~. Regardless, Alternative 3 would have a minimally higher impact on the Mojave fringe-toed lizard when compared to Alternative 1, due to the increased distance of the gen-tie line, but there would be no material difference in the level of significance of the impact. During surveys conducted for this Project in 2011 and 2012 and surveys conducted for the Blythe Mesa Solar Project (AECOM 2010) and the Devers-Palo Verde No. 2 500 kV Transmission Line Project (CH2M Hill 2010), a total of 71 Mojave fringe-toed lizards were detected within the BMSP survey corridor boundaries. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Mojave Fringe-toed Lizard

The Mojave fringed-toed lizard is expected to be present along the gen-tie line due to a 2011 sighting approximately 50 feet from the corridor (CDFW 2013), though no lizards were detected in this corridor during the 2012 habitat assessment. Alternative 1 and Alternative 3's gen-tie lines would parallel existing transmission lines and access roads; however, approximately three miles of Alternative 4 would not parallel existing transmission lines or access roads and would require approximately three miles of new access roads. As a result of the new access roads and gen-tie line, impacts to native ~~Mojave fringed toed lizard~~ habitat would be increased when compared to Alternative 1 or Alternative 3, ~~though the quality of this habitat may be less optimal than that in Alternatives 1 and 3~~ although the amount of habitat suitable for Mojave fringed-toed lizard would be reduced. Although construction of Alternative 4 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard t~~o the maximum extent possible~~, construction of Alternative 4 would still result in temporary removal and degradation of up to 3.09 acres of this species' habitat. Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would be implemented. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Response 3-9

Section 4.2.4, *Biological Resources*, on pages 4-98, 4-99, 4-112, 4-113, and 4-119 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

Mojave Fringe-toed Lizard

Suitable Mojave fringe-toed lizard habitat is located throughout the solar array site, and the potential for occurrence there is high (refer to Table 3.2.4-3 in Chapter 3). The species was found throughout the gen-tie line portion of the Project (refer to Figure 3.2.4-4 in Chapter 3). In addition to temporary habitat loss of up to 59.46 acres, construction of the proposed gen-tie line may result in temporary displacement of individuals out of the construction area, crushing by equipment or crew, or increased susceptibility to predation during construction. Because eggs are laid in the sand, construction may destroy eggs that are within the Project area during the breeding season. The implementation of BMP-19 would reduce potential impacts from construction activities.

Long-term predation vulnerability may occur due to vegetation loss, which decreases ~~dispersal and~~ refuge opportunities from predators. In addition, increased perching opportunities resulting from construction of the proposed gen-tie line also increases this species' predation vulnerability. Compaction of sandy areas due to construction and vehicular traffic may degrade habitat suitability for this fossorial species. Because this species is mostly herbivorous as an adult, proliferation of non-native plant species that out-compete native plants could have negative impacts on the Mojave fringe-toed lizard.

The proposed Project is located inside a major sand transport corridor referred to as the Chuckwalla sand corridor (PUC 2011). The temporary construction activities may block wind transport of sand downwind and temporarily impact Mojave fringe-toed lizard habitat. This temporary impact of blocking wind transport will occur as a result of the desert tortoise fencing required by the USFWS as part of Mitigation Measure Biology-2.

The gen-tie line would parallel existing and approved transmission lines and roads. Temporary construction impacts may occur downwind where existing sand can be eroded, resulting in the loss of the fine sand which dune habitat are dependent. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. The implementation of Mitigation Measure Biology-1 would require a project inspector to monitor any construction activities in the Mojave fringe-toed lizard habitat to ensure that ground disturbance activities and impacts occur within designated limits and within designated timeframes to minimize the downwind disturbance.

Construction of the Project would have a temporary indirect effect on movement of the Mojave fringe-toed lizard. Mojave fringe-toed lizard movement would be altered due to edge effects associated with the construction activities and gen-tie footprint of the transmission towers and access roads. Individually, species respond behaviorally to the edge itself (the "ecotonal effect") or to the indirect habitat changes associated with edges (the "matrix effect"). Behavioral avoidance of man-made structures and associated edges can decrease movement and deter connectivity within the Chuckwalla Valley. However, the gen-tie line would parallel existing and approved transmission lines and roads. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. In addition, the gen-tie towers would be widely spaced apart from each other, allowing Mojave fringe-toed lizards to continue to move around the transmission towers and transmission lines and presenting minimal impediments to migration within the Chuckwalla Valley.

In addition to Mitigation Measure Biology-1 (Monitor Construction Site for Biological Compliance), Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would also be implemented to reduce the potential direct and indirect impacts to the Mojave fringed-toed lizard during construction of the proposed gen-tie line and solar array facility. Mitigation Measure Biology-8 requires compensation mitigation for habitat loss and direct impacts to stabilized or partially stabilized desert dune habitat (i.e., dune, sand ramp, or fine-sandy wash habitat).

Mojave Fringe-toed Lizard

One BLM-sensitive species, the Mojave fringe-toed lizard, was detected during the 2012 surveys along the gen-tie study area. Although construction of Alternative 3 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 3 would still result in temporary removal and degradation of up to 67.7 acres of this species' habitat, which is still within the Aeolian sand sheet and dune habitat that supports this species. However, Alternative 1 and Alternative 3's gen-tie lines would parallel, in portion, existing and approved transmission lines and access roads; existing access roads would be utilized ~~to the maximum extent possible~~. Regardless, Alternative 3 would have a minimally higher impact on the Mojave fringe-toed lizard when compared to Alternative 1, due to the increased distance of the gen-tie line, but there would be no material difference in the level of significance of the impact. During surveys conducted for this Project in 2011 and 2012 and surveys conducted for the Blythe Mesa Solar Project (AECOM 2010) and the Devers-Palo Verde No. 2 500 kV Transmission Line Project (CH2M Hill 2010), a total of 71 Mojave fringe-toed lizards were detected within the BMSP survey corridor boundaries. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus

temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Mojave Fringe-toed Lizard

The Mojave fringed-toed lizard is expected to be present along the gen-tie line due to a 2011 sighting approximately 50 feet from the corridor (CDFW 2013), though no lizards were detected in this corridor during the 2012 habitat assessment. Alternative 1 and Alternative 3's gen-tie lines would parallel existing transmission lines and access roads; however, approximately three miles of Alternative 4 would not parallel existing transmission lines or access roads and would require approximately three miles of new access roads. As a result of the new access roads and gen-tie line, impacts to native ~~Mojave fringed-toed lizard~~ habitat would be increased when compared to Alternative 1 or Alternative 3, ~~though the quality of this habitat may be less optimal than that in Alternatives 1 and 3~~ although the amount of habitat suitable for Mojave fringed-toed lizard would be reduced. Although construction of Alternative 4 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 4 would still result in temporary removal and degradation of up to 3.09 acres of this species' habitat. Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would be implemented. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Response 3-10

Please refer to Response 3-9 above for the text edits to Section 4.2.4, *Biological Resources*, on pages 4-98, 4-99, 4-112, 4-113, and 4-119. These changes reflect revisions to the text to address the impacts associated with the construction of the Project.

Response 6-1

The following dust control measures have been added to BMP-3 in Table 2-3, Best Management Practices, on pages 2-27 and 2-28 and Sections 4.2.1, *Aesthetics, Visual Resources, and Reflection*, page 4-21 and 4.2.3, *Air Quality*, pages 4-70 and 4-71 of the Draft EIR/EA and incorporated into the Final EIR/EA as follows:

BMP-3 Fugitive Dust Abatement Plan. As required by the Mojave Desert Air Quality Management District Rule 403, a Fugitive Dust Abatement Plan would be prepared to address fugitive dust emissions during Project construction, operation, maintenance, and decommissioning. The plan would include measures to minimize fugitive dust emissions from wrecking, excavation, grading, clearing of land, and solid waste disposal operations, and would take every reasonable precaution to prevent visible particulate matter from being deposited upon public roadways as a direct result of operations. During construction, all unpaved roads, disturbed areas (e.g., areas of scraping, excavation, backfilling, grading, and compacting), and loose materials generated during Project construction activities would be watered as frequently as necessary to minimize fugitive dust generation. However, the amount of water will be minimized each time to prevent temporarily ponding water that may occur as a result of the fugitive dust plan. In water-deprived locations, water spraying would be limited to active disturbance areas only, and non-water-based dust control measures would be implemented in areas with intermittent use or use that is not heavy, such as stockpiles or access roads. ~~Alternatively, chemical~~

~~dust suppressants or durable polymeric soil stabilizers could be used.~~ The dust suppression measures would consider the sensitivity of wildlife to the windborne dispersal of fugitive dust containing dust suppressants and the potential impact on future reclamation.

The Dust Abatement Plan includes three specific measures (BMP 3.1 through BMP 3.3) as listed below:

BMP-3.1 The following signage shall be erected not later than the commencement of construction. A minimum 48 inch high by 96 inch wide sign containing the following shall be located within 50 feet of each Project site entrance, meeting the specified minimum text height, black text on white background, on one inch A/C laminated plywood board, with the lower edge between six and seven feet above grade, with the contact name of a responsible official for the site and a local or toll-free number that is accessible 24 hours per day:

"[Site Name] {four inch text}
[Project Name/Project Number] {four inch text}
IF YOU SEE DUST COMING FROM {four inch text} THIS PROJECT CALL: {four inch text}
[Contact Name], PHONE NUMBER XXX-XXXX {six inch text}
If you do not receive a response, Please Call {three inch text}
The MDAQMD at 1-800-635-4617 {three inch text}"

BMP-3.2 For projects with exposed sand or fines deposits (and for projects that expose such soils through earthmoving), chemical stabilization, durable polymeric soil stabilizers, or covering with a stabilizing layer of gravel will be required to eliminate visible dust/sand from sand/fines deposits.

BMP-3.3 All perimeter fencing shall be wind fencing or the equivalent, to a minimum of four feet of height or the top of all perimeter fencing. The owner/operator shall maintain the wind fencing as needed to keep it intact and remove windblown dropout. This wind fencing requirement may be superseded by local ordinance, rule or project-specific biological mitigation prohibiting wind fencing.

Response 7-3

Section 2.2.3, Operation and Maintenance, on page 2-19 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

The Project would require the use of a water supply to maintain the facility. The solar panels may be cleaned up to two times per year, if necessary to optimize output. Water would also be used to provide fire protection, maintain vegetation, and serve the up to two O&M buildings. No chemicals would be used during cleaning of the solar panels. It is estimated that operational non-potable water requirements would be approximately up to 345 AF/yr ~~year~~ (with a significant portion going to dust control), as well as less than one AF~~/~~yr ~~year~~ of groundwater for potable use in the up to two O&M buildings (final use numbers will be further refined pre-construction). ~~The Project would coordinate with Gila Farm Land, LLC (landowner) and the Palo Verde Irrigation District to secure water service and supply during operation.~~ Riverside County Community Service Area #122 (CSA #122) has issued a will-serve letter for the Project's limited potable water needs. Less than one ac-ft of groundwater per year would be required for potable use in the two

O&M buildings. The water supply from PVID sources and CSA #122 is sufficient to meet requirements of the proposed Project, including the minor potable groundwater demand under average-year, single-dry year, and multiple-dry year conditions over a 20-year future projection (refer to Appendix G, *Water Supply Assessment*).

Appendix G, of the Draft EIR/EA, *Water Supply Assessment*, page 10 has been revised as follows:

Is groundwater a component of the supplies for the project?

~~No; groundwater is not a component of the supplies for the Project. The proposed Project would use Colorado River water diversions from the PVID water system.~~

The Project would require less than one acre feet of groundwater per year for minimal potable use in the two O&M buildings during Project operation. Riverside County Community Service Area #122 (CSA #122) has issued a will-serve letter for the Project's limited potable water needs.

Response 7-4

Section 3.2.13, *Population, Housing, Public Services, Utilities, and Socioeconomics*, page 3-175 has been revised and incorporated into the Final EIR/EA as follows:

A portion of the Project is within the City of Blythe. The City currently provides nearly 3,300 water service connections to customers, which are located within the City's municipal boundaries. The City ~~consists of~~ has four individual water systems: City of Blythe proper water system, Mesa Bluffs water system, Hidden Beaches water system, and East Blythe County water district. Some rural residences with the City's corporate boundary obtain their water from private wells, as could be the case for rural residences in the Project area (Blythe General Plan 2007). The City's water supply is dependent upon a part of the Colorado River entitlement of the PVID. The City of Blythe lies entirely within the PVID, and the City's water use is almost entirely accounted for as a part of PVID's water use. PVID's water supply is unique in California. The District holds the Priority 1 rights to California's share of Colorado River water, and a shared portion of the Priority 3 rights, and their rights are not quantified by volume. ~~Rather, their water rights are for irrigation and potable water needed to serve a total of 131,298 acres in the Palo Verde Valley, 26,798 of which are on the Palo Verde Mesa~~ Rather, their water rights are for irrigation water needed to serve a gross area of 104,500 acres in the Palo Verde Valley with a first priority, and 16,000 acres on the Lower Palo Verde Mesa with a shared third priority (PVID 2012). The great majority of water for the proposed Project (i.e., all of the non-potable water) would not be delivered by a public water system or using public water system connections. The proposed Project would use existing water infrastructure that currently delivers irrigation water from the PVID. The Project would use less than one ac-ft/yr of groundwater for potable use in the two O&M buildings. Riverside County Community Service Area #122 (CSA #122) has substantiated its intention to provide this potable supply by issuing a will-serve letter (October 26, 2012 c/o Steve H. Jones – Manager) for the Project's limited potable water needs. CSA #122 has provided a will-serve letter for the small amount (up to 150 gallons per day) of potable water for the two O&M buildings.

Response 9-2

Mitigation Measure Cultural-4 in Section 4.2.5, *Cultural Resources*, of the Draft EIR/EA on page 4-177 has been revised and incorporated into the Final EIR/EA as follows:

Cultural-4 Prior to any ground disturbances within the Project area, the Applicant shall, for a period of at least 60 days, make a good faith effort to enter into a contract with and retain monitors designated by Tribal representatives. This measure must result in and conform with BLM Measure #6 as found in the determination and findings document provided to SHPO dated August 7, 2013 (BLM 2013). These monitors shall be known as the Tribal ~~Observer Monitors~~ Participants for this Project. The developer shall notify the appropriate Tribe of all new phases of development. The Tribal Participants shall be required on-site during all construction-related ground-disturbing activities. The developer shall submit the signed contract between the appropriate Tribe and the developer. The Project Archaeologist shall include in the report any concerns or comments the Tribal Participant has regarding the Project and shall include as an appendix any written correspondence or reports prepared by the Tribal Participants.

Response 12-11

Section 3.2.13, *Population, Housing, Public Services, Utilities, and Socioeconomics*, page 3-175 has been revised and incorporated into the Final EIR/EA as follows:

> A portion of the Project is within the City of Blythe. The City currently provides nearly 3,300 water service connections to customers, which are located within the City's municipal boundaries. The City consists of four individual water systems: City of Blythe proper water system, Mesa Bluffs water system, Hidden Beaches water system, and East Blythe County water district. Some rural residences with the City's corporate boundary obtain their water from private wells, as could be the case for rural residences in the Project area (Blythe General Plan 2007). The City's water supply is dependent upon a part of the Colorado River entitlement of the PVID. The City of Blythe lies entirely within the PVID, and the City's water use is almost entirely accounted for as a part of PVID's water use. PVID's water supply is unique in California. The District holds the Priority 1 rights to California's share of Colorado River water, and a shared portion of the Priority 3 rights, and their rights are not quantified by volume. ~~Rather, their water rights are for irrigation and potable water needed to serve a total of 131,298 acres in the Palo Verde Valley, 26,798 of which are on the Palo Verde Mesa~~ Rather, their water rights are for irrigation water needed to serve a gross area of 104,500 acres in the Palo Verde Valley with a first priority, and 16,000 acres on the Lower Palo Verde Mesa with a shared third priority (PVID 2012). The great majority of water for the proposed Project (i.e., all of the non-potable water) would not be delivered by a public water system or using public water system connections. The proposed Project would use existing water infrastructure that currently delivers irrigation water from the PVID. The Project would use less than one ac-ft/yr of groundwater for potable use in the two O&M buildings during Project operation. Riverside County Community Service Area #122 (CSA #122) has substantiated its intention to provide this potable supply by issuing a will-serve letter (October 26, 2012 c/o Steve H. Jones – Manager) for the Project's limited potable water needs. CSA #122 has provided a will-serve letter for the small amount (up to 150 gallons per day) of potable water for the two O&M buildings.

Response 12-12

Section 2.2.3, Operation and Maintenance, on page 2-19 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

> The Project would require the use of a water supply to maintain the facility. The solar panels may be cleaned up to two times per year, if necessary to optimize output. Water would also be used to provide fire protection, maintain vegetation, and serve the up to two O&M buildings. No chemicals would be used during cleaning of the solar panels. It is estimated that operational non-potable water requirements would be approximately up to 345 AF/year (with a significant portion going to dust control), as well as less than one AF/year of groundwater for potable use in the up to two O&M buildings (final use numbers will be further refined pre-construction). ~~The Project would coordinate with Gila Farm Land, LLC (landowner) and the Palo Verde Irrigation District to secure water service and supply during operation.~~ Riverside County Community Service Area #122 (CSA #122) has issued a will-serve letter for the Project's limited potable water needs. Less than one AF of groundwater per year would be required for potable use in the two O&M buildings during Project operation. The water supply from PVID sources and CSA #122 is sufficient to meet requirements of the proposed Project, including the minor potable groundwater demand under average-year, single-dry year, and multiple-dry year conditions over a 20-year future projection (refer to Appendix G, *Water Supply Assessment*).

Section 4.2.9, *Hydrology and Water Quality*, on page 4-247 (subheading *Groundwater and Water Supply*) of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

> The Project would require a limited amount of water for periodic washing of the solar panels, fire water supply, and supply for the operations and maintenance buildings. A total of up to 345 AF/yr ~~per year~~ of non-potable water would be required for Project operation, which is well below the existing (pre-Project) irrigation use of approximately 12,000 AF/yr. Water for the Project would be taken from existing PVID water entitlements that support the agricultural operations currently on the proposed solar facility site; current operations are not supported by groundwater wells. ~~Riverside County Community Service Area #122 (CSA #122) has issued a will-serve letter for the Project's limited potable water needs. Less than one AF of groundwater per year would be required for potable use in the two O&M buildings.~~
>
> The Project would use less than one AF/y~~ea~~r of groundwater for potable use in the two O&M buildings during Project operation. Riverside County Community Service Area #122 (CSA #122) has substantiated its intention to provide this potable supply by issuing a will-serve letter (October 26, 2012 c/o Steve H. Jones – Manager) for the Project's limited potable water needs (up to 150 gallons per day) of potable water for the two O&M buildings.

Response 12-16

An updated *DataMap Area Study* map is included with the Phase I Environmental Site Assessment (ESA) in Appendix T of this Final EIR/EA document.

Response 12-19

Section 4.2.8, *Hazards and Hazardous Materials*, page 4-218 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

> Portions of the Project site were occupied by the Former Blythe Army Air Base (BAAB). The BAAB is listed in the Formerly Used Defense Site (FUDS) database. Information obtained from the Department of Toxic Substances Control (DTSC) online records indicates that three areas within the BAAB as having the potential for munitions-related impacts (Poorman, Jeep Range, and Skeet Range) based on findings presented in Parsons' Site Inspection Report, Former Blythe Army Airfield dated September 2011 (Parsons, 2011). Explosive hazards were ruled out for the BAAB during a 2011 field investigation. The Munitions & Explosives of Concern (MEC) pathway was determined incomplete for the BAAB FUDS. During the field reconnaissance performed in 2011, only spent small arms ammunition was noted. The Project site does not fall within any of three munition-related areas. In addition, no evidence of the storage, use, or disposal of chemical warfare has been identified for the BAAF FUDS listing. Therefore, the proposed Project would not create a significant hazard to the public or the environment relative to the use of the BAAB as a FUDS or munitions-related impacts.

Response 12-23 and 12b-9

Section 4.2.9, *Hydrology and Water Quality*, pages 4-244 and 4-245 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows.

> The Project area lies within the East Colorado River Basin Planning Area of the Water Quality Control Plan (Basin Plan) for the Colorado River Regional Water Quality Control Board (RWQCB). This Basin Plan describes surface and groundwater quality objectives for the Planning Area; the objectives were established to protect the existing and potential beneficial uses of surface and groundwater in the region. Beneficial uses are reasonable uses of a water body as specified in the Basin Plan, and may include existing, proposed, or intermittent uses.
>
> One water body is listed as impaired on the Section 303(d) list (the Palo Verde Outfall Drain and Lagoon). The Palo Verde Outfall Drain and Lagoon are listed as impaired by dichlorodiphenyltrichloroethane (DDT) and pathogens, both from unknown sources.
>
> Ground-disturbing activities such as grading create loose soil and dust. Loose soil can be picked up by stormwater during rain events and thus transported into canals, streams, or rivers, introducing sediment and any hazardous material (e.g., residual pesticides) with which that sediment is contaminated into receiving waters. Implementation of BMP-1, Drainage, Erosion, and Sedimentation Control Plan, and BMP-2, Stormwater Pollution Prevention Plan will provide source control practices that protect the soil surface and prevent soil from being detached from the surface by rainfall, flowing water, or wind, as well as physical controls that trap soil particles after they have been detached and moved by rain, flowing water, or wind. Sediment control measures are usually passive systems that rely on filtering or settling the particles out of the water or wind that is transporting them (CASQA 2009).
>
> Examples of erosion control measures include preservation of existing vegetation to maintain existing soil integrity, and non-vegetative stabilization techniques such as a

layer of gravel or rocks to stabilize slopes or other areas with a high erosion potential. Wind erosion control (i.e., dust control) consists of applying water to disturbed areas to prevent dust, including that arising from contaminated soils, from being deposited into streams, washes, or other receiving waters via wind. Examples of sediment control measures include installation of silt fencing, and installation of fiber rolls or sandbag barriers, all of which filter soil particles out of flowing water before they enter receiving waters. Preventing soils, including contaminated soils, from leaving the project site will prevent them from impairing receiving waters, including those of the Colorado River.

Fuel, oil, and other fluids used in construction vehicles, equipment, and heavy machinery could enter drainages via storm flow and contaminate water, introducing additional sources of polluted stormwater runoff. This would also include other hazardous materials, including pesticides and heribicides. The potential for accidental release of these hazards materials would be minimized as part of the Project with implementation of BMP-2 and BMP-9.

Ground disturbance related to construction of the Project could potentially degrade water quality through the inadvertent release of residual pesticides from former agricultural lands. All pesticides used in the United States must be registered (licensed) by the U.S. EPA, which requires that pesticides would not cause unreasonable harm to the environment. Registered pesticides must be used in accordance with directions contained on the label of the product. The Project would not include the use of pesticides during construction or operation. While the Project may involve the use of herbicides as part of the Integrated Weed Management Plan (BMP-10), herbicides would be applied in accordance with all recommended or required application procedures.

With implementation of the Project BMPs and mitigation measures Hydrology-1 through Hydrology-4 potential hydrology and water quality impacts would be reduced to a less than significant level.

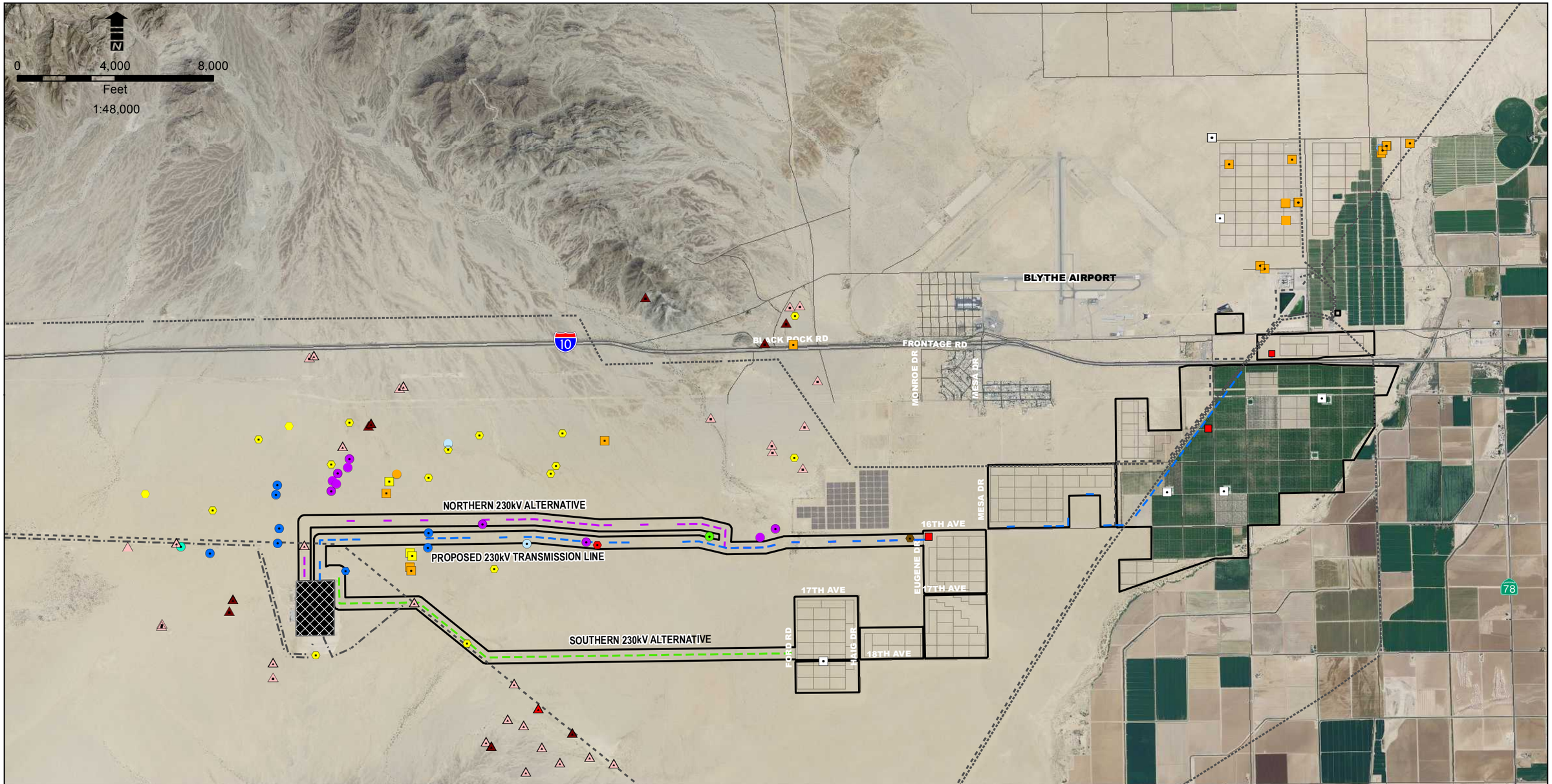
~~Construction of the solar facility, gen-tie lines, new substations, access roads, and O&M buildings would require ground-disturbing activities, including clearing and grading for structure installation work areas, and access for construction. Disturbed soils accelerate erosion and increase sediment in stormwater runoff to receiving waters, causing increased turbidity and sedimentation if not managed appropriately. Construction-related erosion and sedimentation as a result of soil disturbance would be minimized as part of the Project with preparation of a Drainage, Erosion, and Sedimentation Control Plan (BMP-1) and Stormwater Pollution Prevention Plan (BMP-2). Construction of the proposed Project would not permanently alter the course of any of the drainages. Additionally, fuel, oil, and other fluids used in construction vehicles, equipment, and heavy machinery could enter drainages via storm flow and contaminate water, introducing additional sources of polluted stormwater runoff. The potential for accidental release of motor oil, fuel, antifreeze, hydraulic fluid, grease, and other hazardous materials would be minimized as part of the Project with implementation of BMP-2 and BMP-9.~~

~~Ground disturbance related to construction of the Project could potentially degrade water quality through the inadvertent release of residual pesticides from former agricultural lands. All pesticides used in the United States must be registered (licensed) by the EPA, which requires that pesticides would not cause unreasonable harm to the environment. Registered pesticides must be used in accordance with directions contained on the label~~

~~of the product. The Project would not include the use of pesticides during construction or operation. While the Project may involve the use of herbicides as part of the Integrated Weed Management Plan (BMP-10), herbicides would be applied in accordance with all recommended or required application procedures.~~

Response 12-31

Figure 3.2.4-3 has been updated to include the burrowing owl sign that was depicted in Appendix C3 of the Draft EIR/EA. The changes to the Figure 3.2.4-3 do not affect the overall conclusions of the environmental analysis relative to the significance of impacts.



Legend

Proposed Project

- Blythe Mesa Solar Project Boundary
- Proposed 230kV Transmission Line
- Northern 230kV Alternative
- Southern 230kV Alternative
- Solar Array
- Colorado River Substation
- Substation

Existing Transmission Lines

- Existing 138-161 kV Line
- Existing 230 kV Line
- Existing 500 kV Line

Wildlife Inventory Results

- Adult Desert Tortoise
- Desert Tortoise Sign
- Desert Tortoise Burrow
- Kit Fox Burrow
- Potential Coyote or Kit Fox Den
- Coyote/Badger Burrow
- Coyote Burrow
- Burrow
- Ferruginous Hawk
- Le Conte's Thrasher
- Loggerhead Shrike
- Northern Harrier
- Swainson's Hawk
- Unknown Raptor Nest
- Burrowing Owl
- Burrowing Owl Burrow
- Burrowing Owl Sign

FIGURE 3.2.4-3
WILDLIFE
INVENTORY RESULTS

BLYTHE MESA SOLAR PROJECT

POWER ENGINEERS
RENEWABLERESOURCESGROUP

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Response 12-60

Section 4.2.4, *Biological Resources*, on pages4-98, 4-99, 4-112, 4-113, and 4-119 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

Mojave Fringe-toed Lizard

Suitable Mojave fringe-toed lizard habitat is located throughout the solar array site, and the potential for occurrence there is high (refer to Table 3.2.4-3 in Chapter 3). The species was found throughout the gen-tie line portion of the Project (refer to Figure 3.2.4-4 in Chapter 3). In addition to temporary habitat loss of up to 59.46 acres, construction of the proposed gen-tie line may result in temporary displacement of individuals out of the construction area, crushing by equipment or crew, or increased susceptibility to predation during construction. Because eggs are laid in the sand, construction may destroy eggs that are within the Project area during the breeding season. The implementation of BMP-19 would reduce potential impacts from construction activities.

Long-term predation vulnerability may occur due to vegetation loss, which decreases ~~dispersal and~~ refuge opportunities from predators. In addition, increased perching opportunities resulting from construction of the proposed gen-tie line also increases this species' predation vulnerability. Compaction of sandy areas due to construction and vehicular traffic may degrade habitat suitability for this fossorial species. Because this species is mostly herbivorous as an adult, proliferation of non-native plant species that out-compete native plants could have negative impacts on the Mojave fringe-toed lizard.

The proposed Project is located inside a major sand transport corridor referred to as the Chuckwalla sand corridor (PUC 2011). The temporary construction activities may block wind transport of sand downwind and temporarily impact Mojave fringe-toed lizard habitat. This temporary impact of blocking wind transport will occur as a result of the desert tortoise fencing required by the USFWS as part of Mitigation Measure Biology-2.

The gen-tie line would parallel existing and approved transmission lines and roads. Temporary construction impacts may occur downwind where existing sand can be eroded, resulting in the loss of the fine sand which dune habitat are dependent. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. The implementation of Mitigation Measure Biology-1 would require a project inspector to monitor any construction activities in the Mojave fringe-toed lizard habitat to ensure that ground disturbance activities and impacts occur within designated limits and within designated timeframes to minimize the downwind disturbance.

Construction of the Project would have a temporary indirect effect on movement of the Mojave fringe-toed lizard. Mojave fringe-toed lizard movement would be altered due to edge effects associated with the construction activities and gen-tie footprint of the transmission towers and access roads. Individually, species respond behaviorally to the edge itself (the "ecotonal effect") or to the indirect habitat changes associated with edges (the "matrix effect"). Behavioral avoidance of man-made structures and associated edges can decrease movement and deter connectivity within the Chuckwalla Valley. However, the gen-tie line would parallel existing and approved transmission lines and roads. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. In addition, the gen-tie towers would

be widely spaced apart from each other, allowing Mojave fringe-toed lizards to continue to move around the transmission towers and transmission lines and presenting minimal impediments to migration within the Chuckwalla Valley.

In addition to Mitigation Measure Biology-1 (Monitor Construction Site for Biological Compliance), Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would also be implemented to reduce the potential direct and indirect impacts to the Mojave fringed-toed lizard during construction of the proposed gen-tie line and solar array facility. Mitigation Measure Biology-8 requires compensation mitigation for habitat loss and direct impacts to stabilized or partially stabilized desert dune habitat (i.e., dune, sand ramp, or fine-sandy wash habitat).

Mojave Fringe-toed Lizard

One BLM-sensitive species, the Mojave fringe-toed lizard, was detected during the 2012 surveys along the gen-tie study area. Although construction of Alternative 3 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 3 would still result in temporary removal and degradation of up to 67.7 acres of this species' habitat, which is still within the Aeolian sand sheet and dune habitat that supports this species. However, Alternative 1 and Alternative 3's gen-tie lines would parallel, in portion, existing and approved transmission lines and access roads; existing access roads would be utilized ~~to the maximum extent possible~~. Regardless, Alternative 3 would have a minimally higher impact on the Mojave fringe-toed lizard when compared to Alternative 1, due to the increased distance of the gen-tie line, but there would be no material difference in the level of significance of the impact. During surveys conducted for this Project in 2011 and 2012 and surveys conducted for the Blythe Mesa Solar Project (AECOM 2010) and the Devers-Palo Verde No. 2 500 kV Transmission Line Project (CH2M Hill 2010), a total of 71 Mojave fringe-toed lizards were detected within the BMSP survey corridor boundaries. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Mojave Fringe-toed Lizard

The Mojave fringed-toed lizard is expected to be present along the gen-tie line due to a 2011 sighting approximately 50 feet from the corridor (CDFW 2013), though no lizards were detected in this corridor during the 2012 habitat assessment. Alternative 1 and Alternative 3's gen-tie lines would parallel existing transmission lines and access roads; however, approximately three miles of Alternative 4 would not parallel existing transmission lines or access roads and would require approximately three miles of new access roads. As a result of the new access roads and gen-tie line, impacts to native ~~Mojave fringed-toed lizard~~ habitat would be increased when compared to Alternative 1 or Alternative 3, ~~though the quality of this habitat may be less optimal than that in Alternatives 1 and 3~~ although the amount of habitat suitable for Mojave fringed-toed lizard would be reduced. Although construction of Alternative 4 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 4 would still result in temporary removal and degradation of up to 3.09 acres of this species' habitat. Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would be implemented. See *Mojave Fringe-toed*

Lizard under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Response 12-66

Sections 3.2.1, *Aesthetics, Visual Resources, and Reflection* on page 3-14 and 3.2.10, *Land Use and Planning*, on page 3-142 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

> **Policy LU 13.5.** *Requires "new or relocated electric or communication distribution lines, which would be visible from Designated and Eligible State and County Scenic Highways, to be placed underground."*
>
> **Policy LU C 25.2** *Locate new and relocated utilities underground when possible. All remaining utilities shall be located or screened in a manner that minimizes their visibility by the public.*

Section 4.2.1, *Aesthetics, Visual Resources, and Reflection*, on pages 4-35, 4-38, 4-40, and 4-44, respectively, of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

> **VIS-2) Would the Project substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?**
>
> I-10 has been identified by the County of Riverside as eligible for designation as a scenic corridor; however, it is not a State- or County-designated scenic highway. Due to its status as a Riverside County eligible scenic highway, I-10 was included as KOP 2 in the visual resources inventory and impact assessment. The solar facility would be consistent with visual policies contained in the RCGP (2003), the PVVAP (2008), and the City of Blythe General Plan 2025 (2007). The RCGP and the PVVAP both contain policies to protect the scenic quality of views from designated and eligible scenic highways. The proposed 34.5 kV distribution lines would be placed above-ground along Hobson Way, which would be within view from a scenic highway. ~~Therefore, the distribution lines would not be consistent with the Riverside County General Plan LU Policy 13.5 requiring placement of distribution lines underground; however, the 34.5 distribution lines would be parallel to existing distribution lines.~~ <u>However, the distribution lines could be found consistent with the Riverside County General Plan Policies LU 13.5 and C 25.2 because such policies are interpreted by the County to require only preservation of existing areas that are not currently occupied by utility lines. Here, the distribution lines would be parallel to existing distribution lines and therefore would be consistent with these policies.</u>
>
> **VIS-2) Would Alternative 3 substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?**
>
> As discussed for Alternative 1, although I-10 has been identified by the County of Riverside as eligible for designation as a scenic corridor, it is not a State- or County-designated scenic highway. Due to its status as a Riverside County eligible scenic highway, I-10 was included as a KOP in the visual resources inventory and impact assessment. The solar facility for Alternative 3 would be consistent with visual policies contained in the RCGP (2003), the PVVAP (2008), and the City of Blythe General Plan

2025 (2007). The RCGP and the PVVAP both contain policies to protect the scenic quality of views from designated and eligible scenic highways. Motorists on I-10 enjoy scenic desert views across the mesa to the mountains. However, Alternative 3 would be viewed from a section of the highway that has views of development on the eastern edge of the Palo Verde Mesa and agricultural lands and development upon approach to the Palo Verde Valley floor rather than open views of undeveloped desert. Motorists would view the Project in the context of its surrounding land uses, including the Blythe Energy Center, the Blythe Solar Project (owned by NRG), several electrical transmission lines, the Blythe Airport, and commercial businesses. The solar facility would not block views of the mountains for motorists, which would remain visible in the distance beyond the solar facility. Because of its location on the fringe of Blythe, the context of the adjacent land uses, and motorists' present views of development, Alternative 3 would be compatible with policies to protect scenic views from I-10.

The proposed 34.5 kV distribution lines would be placed above-ground along Hobson Way, which would be within view from a scenic highway. ~~Therefore, the distribution lines would not be consistent with the Riverside County General Plan LU Policy 13.5 requiring placement of distribution lines underground; however, the 34.5 distribution lines would be parallel to existing distribution lines.~~ The distribution lines could be found consistent with the Riverside County General Plan Policies LU 13.5 and C 25.2 because such policies are interpreted by the County to require only preservation of existing areas that are not currently occupied by utility lines. Here, the distribution lines would be parallel to existing distribution lines and therefore consistent with these policies.

VIS-2) Would Alternative 4 substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

Similar to Alternatives 1 and 3, Alternative 4 would not substantially damage scenic resources. Impacts would be less than significant.

As discussed for Alternatives 1 and 3, although I-10 has been identified by the County of Riverside as eligible for designation as a scenic corridor, it is not a State- or County-designated scenic highway. Due to its status as a Riverside County eligible scenic highway, I-10 was included as a KOP in the visual resources inventory and impact assessment. Alternative 4 would be consistent with visual policies contained in the RCGP (2003), the PVVAP (2008), and the City of Blythe General Plan 2025 (2007). The RCGP and the PVVAP both contain policies to protect the scenic quality of views from designated and eligible scenic highways. Motorists on I-10 enjoy scenic desert views across the mesa to the mountains. However, Alternative 4 would be viewed from a section of the highway that has views of development on the eastern edge of the Palo Verde Mesa and Palo Verde Valley floor rather than open views of undeveloped desert. Motorists would view Alternative 4 in the context of its surrounding land uses, including the Blythe Energy Center, the Blythe Solar Project (owned by NRG), several electrical transmission lines, the Blythe Airport, and commercial businesses. The solar facility would not block views of the mountains for motorists, which would remain visible in the distance beyond the solar facility. Because of its location on the fringe of Blythe, the context of the adjacent land uses, and motorists' present views of development, Alternative 4 would be compatible with policies to protect scenic views from I-10.

The proposed 34.5 kV distribution lines would be placed above-ground along Hobson Way, which would be within view from a scenic highway. ~~Therefore, the distribution lines would not be consistent with the Riverside County General Plan LU Policy 13.5 requiring placement of distribution lines underground; however, the 34.5 distribution lines would be parallel to existing distribution lines.~~ However, the distribution lines could be found consistent with the Riverside County General Plan Policies LU 13.5 and C 25.2 because such policies are interpreted by the County to require only preservation of existing areas that are not currently occupied by utility lines. Here, the distribution lines would be parallel to existing distribution lines and therefore consistent with these policies.

VIS-2) Would Alternative 5 substantially damage scenic resources, including, but not limited to, trees, rock outcroppings, and historic buildings within a state scenic highway?

Refer to the Alternative 1 impact analysis. Under Alternative 5, the solar facility would be consistent with visual policies contained in the RCGP (2003) and the PVVAP (2008). The 34.5 kV distribution lines would be placed above-ground, which may be visible from a scenic highway (I-10 freeway). ~~Therefore, the distribution lines would not be consistent with the Riverside County General Plan LU Policy 13.5 requiring placement of distribution lines underground; however, the 34.5 distribution lines would be parallel to existing transmission and distribution lines.~~ However, the distribution lines could be found consistent with the Riverside County General Plan Policies LU 13.5 and C 25.2 because such policies are interpreted by the County to require only preservation of existing areas that are not currently occupied by utility lines. Here, the distribution lines would be parallel to existing distribution lines and therefore consistent with these policies.

Table 4.2.10-1, Consistency with Regional/Local Land Use Plans, Policies, and Regulations, on page 4-272 through 4-275 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

TABLE 4.2.10-1 CONSISTENCY WITH REGIONAL/LOCAL LAND USE PLANS, POLICIES, AND REGULATIONS

POLICY/REGULATIONS/GOALS	DESCRIPTION	CONFLICT ANALYSIS
Riverside County General Plan 2008		
Land Use Element Policy LU 1.8	Requires submittal of certain proposed actions to the Riverside County Airport Land Use Commission for review. Such actions include proposed amendments to the general plan, area plans, or specific plans, as well as proposed revisions to the zoning ordinance and building codes.	NO: The Riverside County Airport Land Use Commission found the Project consistent with the Riverside County Airport Land Use Compatibility Plan. (See Section 4.2.8 Hazards and Hazardous Materials).
Land Use Element Policy LU 2.1.c	Requires a broad range of land uses, including a range of residential, commercial, business, industry, open space, recreation and public facility uses (General Plan pg. LU-20).	

POLICY/REGULATIONS/GOALS	DESCRIPTION	CONFLICT ANALYSIS
Land Use Element Policy LU 5.1	Requires development does not exceed the ability to adequately provide supporting infrastructure and services (General Plan LU-24).	NO: The Project would no create a permanent increase in population; therefore, existing infrastructure and services would be adequate.
Land Use Element Policy LU 6.1	Require land uses to develop in accordance with the Riverside County General Plan (RCGP) and area plans to ensure compatibility and minimize impacts.	NO: With the approval of a CUP, the Project would be compatible with the RCGP and the PVVAP.
Land Use Element Policy LU 6.2	Public facilities shall also be allowed in any other land use designation except for the Open Space-Conservation and Open Space- Conservation Habitat land use designations. For purposes of this policy, a public facility shall include all facilities operated by the federal government, the State of California, the County of Riverside, any special district governed by the County of Riverside or any city, and all facilities operated by any combination of these agencies.	NO: The solar facility and gen-tie line would not preclude construction of public facilities in unoccupied areas of the solar facility site.
Land Use Element Policy LU 7.1	Accommodate the development of a balance of land uses that maintain and enhance the County's fiscal viability, economic diversity and environmental integrity (General Plan LU-26).	NO: The Project would allow the generation of renewable energy. Additionally, it would increase revenue for the County of Riverside.
Land Use Element Policy LU 8.1	Provide for the permanent preservation of open space lands that contain important natural resources and scenic and recreational values (General Plan LU-28).	NO: The Project is not located in an area with natural resources or scenic and recreational values.
Land Use Element Policy LU 8.2	Require that development protect environmental resources by compliance with the Multipurpose Open Space Element of the RCGP and federal and state regulations such as CEQA, NEPA, the Clean Air Act, and the Clean Water Act.	NO: The Project would comply with NEPA and CEQA and all necessary compliance measures.
Land Use Element Policy LU 9.1	Require that new development contribute their fair share to fund infrastructure and public facilities such as police and fire facilities.	NO: The Project is not anticipated to cause additional impacts to public facilities. See Section 4.2.13, Socioeconomics, for further analysis.
Land Use Element Policy LU 13.1	Preserve and protect outstanding scenic vistas and visual features for the enjoyment of the traveling public (General Plan LU-31).	No: The Project would be located on disturbed lands that are adjacent to existing electrical facilities.

POLICY/REGULATIONS/GOALS	DESCRIPTION	CONFLICT ANALYSIS
Land Use Element Policy LU 13.5	Require new or relocated electric or communication distribution lines, which would be visible from Designated and Eligible State and County Scenic Highways, to be placed underground.	~~YES: The Project proposes the use of above ground distribution lines within view of an Eligible Scenic Highway; however, they would be parallel to existing transmission and distribution lines.~~ NO: The distribution lines would be consistent with this policy because the proposed distribution lines would be parallel to existing distribution lines within an existing utility corridor.
Land Use Element Policy LU C 25.2	Locate new and relocated utilities underground when possible. All remaining utilities shall be located or screened in a manner that minimizes their visibility by the public.	NO: The distribution lines would be consistent with this policy because the proposed distribution lines would be parallel to existing distribution lines within an existing utility corridor.
Land Use Element Policy LU 15.15	Permit and encourage, in an environmentally and fiscally responsible manner, the development of renewable energy resources and related infrastructure, including but not limited to, the development of solar power plants in the County of Riverside (General Plan LU-37).	NO: The Project would provide 485 MW of renewable solar energy.
Multi-Purpose Open Space Element Policy OS 11.3	Permit and encourage the use of passive solar devices and other state-of-the-art energy resources.	NO: The Project would provide renewable solar energy.
Land Use Element Policy LU 14.7	Ensures that no structures or activities encroach upon or adversely affect the use of navigable airspace.	NO: The Project has obtained Federal Aviation Administration and ALUC review and approval.
Land Use Element Policy LU 16.4	Encourages conservation of productive agricultural lands. Preserve prime agricultural lands for high-value crop production.	NO: The Project would impact Farmlands, but would not substantially interfere with the County's plans and goals to encourage conservation of Farmland county-wide.
Palo Verde Valley Area Plan 2008		
Agricultural Preservation Policy Palo Verde Valley Area Plan (PVVAP) 4.1	Protects farmland and agricultural resources in the Palo Verde Valley through adherence to the Agriculture sections of the RCGP Multipurpose Open Space and Land Use Elements.	NO: The Project would impact Farmland and agricultural resources in the Palo Verde Valley (as defined by the PVVAP); however, a mitigation measure was developed to Palo Verde Valley area.

POLICY/REGULATIONS/GOALS	DESCRIPTION	CONFLICT ANALYSIS
Recreational Vehicle Development Policy PVVAP 5.4	Allows remote recreational vehicle developments within the following land use designations: Very Low Density Residential, Estate Density Residential, Rural Residential, Rural Mountainous, Rural Desert, Open Space-Recreation, and Open Space-Rural.	NO: The Project would not close open recreational vehicle routes of travel nor would the Project preclude recreational vehicle developments in these land use designations.
Trials and Bikeway System Policy PVVAP 9.1	Develops a system of multi-purpose trails that enhances the Colorado River's recreational values and connects with the adopted trails system of Riverside County.	NO: The Project would not close or remove trails, nor would it impact trails near the Colorado River.
Scenic Highways Policy PVVAP 10.1	Protects the scenic highways in the Palo Verde Valley planning area from change that would diminish the aesthetic value of adjacent properties in accordance with the Scenic Corridors sections of the RCGP Land Use, Multipurpose Open Space, and Circulation Elements.	NO: The Project may have views from County eligible scenic highways 95 and I-10, but the Project and Alternatives would be within an area with existing electrical facilities.
Scenic Highways Policy PVVAP 10.2	Encourages the designation of I-10 and U.S. Highway 95 as eligible and subsequently Official Scenic Highways in accordance with the California State Scenic Highway Program.	NO. The Project may have views from County eligible scenic highways 95 and I-10; however, the Project would not significantly impact these views (refer to Section 4.2.1, Aesthetics).
Riverside County Zoning Ordinance (Ordinance 348)		
Section 15.1.d. (32) Uses Permitted in W-2 Zone (Controlled Development Areas)	This zone permits a solar power plant on lot 10 acres or larger upon issuance of a CUP.	NO: With approval of a CUP, the Project would be an allowable use under this zone.
Section 13.1.c. (12) Uses Permitted in A-1 Zone (Light Agriculture)	This zone permits a solar power plant on a lot 10 acres or larger. upon issuance of a CUP.	NO: With approval of a CUP, the Project would be an allowable use under this zone.
City of Blythe General Plan 2025/City of Blythe Zoning Code		
Open Space Guiding Policy 1	Maintain hillsides and viable agricultural lands as open space for resource conservation and preservation of views.	NO: The Project would impact viable agricultural lands on the Palo Verde Mesa, but would not interfere substantially with the City's goal of preserving hillside and viable agricultural lands city-wide.
Open Space Guiding Policy 9	Promote continued agricultural use of important farmland outside the urban area.	NO: The Project would impact Important Farmland on the Palo Verde Mesa. While the City, if it approved this Project, would be favoring environmentally friendly power generation over retention of on-site agricultural uses, approval of the Project would not preclude the City from continuing to support agricultural uses city-wide.
Agriculture (A)	This zone permits, upon issuance of a CUP, "utility operations facilities."	NO: With approval of a CUP, the Project would be an allowable use under this zone.

POLICY/REGULATIONS/GOALS	DESCRIPTION	CONFLICT ANALYSIS
Service Industrial (I-S)	This zone permits "utility operations facilities."	NO: The Project would be an allowable use under this zone.

Sources: Riverside County General Plan 2003; Palo Verde Valley Area Plan 2008; Riverside County Zoning Ordinance (Ordinance 348); City of Blythe General Plan 2025/Blythe Zoning Code.

Section 4.2.10, *Land Use and Planning*, on pages 4-275, 4-281 and 4-282, respectively, of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

LU-2) Would the Project conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the Project (including but not limited to the general plan, specific plan, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

The Project would be subject to the RCGP, PVVAP, City of Blythe General Plan 2025, CDCA Plan, and NECO Plan. As summarized in Table 4.2.10-1, *Conflicts with Regional/Local Land Use Plans, Policies, and Regulations*, the Project would not conflict with applicable local land use plans, policies, or regulations ~~(with the exception of Land Use Element Policy LU 13)~~. The Project would be consistent with goals and policies related to agriculture (Riverside County Land Use Element Policy LU 16.4; PVVAP Agricultural Preservation Policy 4.1; and City of Blythe's Open Space Guiding Policies 1 and 9). With approval of a CUP and Public Use Permit (PUP), the Project would be a permitted use on private land. The gen-tie line structures proposed on BLM land would be within or adjacent to Utility Corridor K, and fully within the Riverside East SEZ and therefore consistent with the CDCA Plan and NECO Plan. Impacts to existing plans, policies, and regulations would be considered less than significant.

LU-2) Would Alternative 5 conflict with any applicable land use plan, policy, or regulation of an agency with jurisdiction over the Project (including but not limited to the general plan, specific plan, or zoning ordinance) adopted for the purpose of avoiding or mitigating an environmental effect?

Alternative 5 would be subject to the RCGP, PVVAP, CDCA Plan, and NECO Plan. As summarized in Table 4.2.10-1 under the analysis for Alternative 1, the Project would not conflict with applicable local land use plans, policies, or regulations ~~(with the exception of Land Use Element Policy LU 13)~~. Similar to Alternative 1, Alternative 5 would be consistent with goals and policies related to agriculture (Riverside County Land Use Element Policy LU 16.4, PVVAP Agricultural Preservation Policy 4.1). With approval of a CUP, Alternative 5 would be a permitted use on private land. The gen-tie line structures proposed on BLM land would be within the Riverside East SEZ and therefore consistent with the CDCA Plan and NECO Plan. Impacts to existing plans, policies, and regulations would be considered less than significant.

Response 12-68

The following mitigation measure has been revised in Section 4.2.9, *Hydrology and Water Quality*, on page 4-268 of the Draft EIR/EA and incorporated into the Final EIR/EA as follows:

Hydrology-4 Stormwater drainage inside substations would be designed to minimize erosion and increase sediment control. Internal runoff would be released from the switching station by means of surface drainage structures

designed to filter contaminants from water flow. Drainage from Project area~~, but not the gen-tie line,~~ would be collected and controlled by surface improvements, as detailed in the SWPPP.

Response 12a-3

Figure 3.2.4-3 has been updated to include the burrowing owl sign that was depicted in Appendix C3 of the Draft EIR/EA. The changes to the Figure 3.2.4-3 do not affect the overall conclusions of the environmental analysis relative to the significance of impacts.

Response 12a-4

Section 3.2.4, *Biological Resources,* Table 3.2.4-3 *Special-Status Wildlife Species with the Potential to Occur in the Study Area* on page 3-64 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

> Nelson's bighorn sheep is known within the region. While the species is generally associated with mountainous areas, desert floor areas are important for dispersal and seasonal movement. However, no records were found within the study area. In addition, the survey work conducted in 2011 and 2012 did not detect the species. ~~or sign that is utilizes this area.~~ However, a bighorn sheep skull was observed during the 2011 survey in a wash, but could not be confirmed if the skull originated from where it was located or if it washed down from a higher elevation.

Response 12a-5

Appendix C2, *230 kV Transmission Line Alternatives Habitat Assessment Report,* (page 51) Appendix to the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

> *Ferruginous Hawk*
>
> Ferruginous hawk is a CDFG Watch List species. It does not breed in California, but is a winter resident of most of the state, including the Project area (Stokes and Stokes 2010). In California, it is most common in open areas, such grasslands, agricultural areas, and deserts, and is typically associated with small mammal populations.
>
> Ferruginous hawks were not observed during Project surveys; however, the species was detected just north of the northern gen-tie line during surveys for the BMSP. The species is expected to be present within the Project area, which it may use for wintering habitat, but not for breeding.

Response 12a-10

Section 4.2.4, *Biological Resources,* on pages 4-98, 4-99, 4-112, 4-113, and 4-119 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

> *Mojave Fringe-toed Lizard*
>
> Suitable Mojave fringe-toed lizard habitat is located throughout the solar array site, and the potential for occurrence there is high (refer to Table 3.2.4-3 in Chapter 3). The species was found throughout the gen-tie line portion of the Project (refer to Figure 3.2.4-

4 in Chapter 3). In addition to temporary habitat loss of up to 59.46 acres, construction of the proposed gen-tie line may result in temporary displacement of individuals out of the construction area, crushing by equipment or crew, or increased susceptibility to predation during construction. Because eggs are laid in the sand, construction may destroy eggs that are within the Project area during the breeding season. The implementation of BMP-19 would reduce potential impacts from construction activities.

Long-term predation vulnerability may occur due to vegetation loss, which decreases ~~dispersal and~~ refuge opportunities from predators. In addition, increased perching opportunities resulting from construction of the proposed gen-tie line also increases this species' predation vulnerability. Compaction of sandy areas due to construction and vehicular traffic may degrade habitat suitability for this fossorial species. Because this species is mostly herbivorous as an adult, proliferation of non-native plant species that out-compete native plants could have negative impacts on the Mojave fringe-toed lizard.

The proposed Project is located inside a major sand transport corridor referred to as the Chuckwalla sand corridor (PUC 2011). The temporary construction activities may block wind transport of sand downwind and temporarily impact Mojave fringe-toed lizard habitat. This temporary impact of blocking wind transport will occur as a result of the desert tortoise fencing required by the USFWS as part of Mitigation Measure Biology-2.

The gen-tie line would parallel existing and approved transmission lines and roads. Temporary construction impacts may occur downwind where existing sand can be eroded, resulting in the loss of the fine sand which dune habitat are dependent. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. The implementation of Mitigation Measure Biology-1 would require a project inspector to monitor any construction activities in the Mojave fringe-toed lizard habitat to ensure that ground disturbance activities and impacts occur within designated limits and within designated timeframes to minimize the downwind disturbance.

Construction of the Project would have a temporary indirect effect on movement of the Mojave fringe-toed lizard. Mojave fringe-toed lizard movement would be altered due to edge effects associated with the construction activities and gen-tie footprint of the transmission towers and access roads. Individually, species respond behaviorally to the edge itself (the "ecotonal effect") or to the indirect habitat changes associated with edges (the "matrix effect"). Behavioral avoidance of man-made structures and associated edges can decrease movement and deter connectivity within the Chuckwalla Valley. However, the gen-tie line would parallel existing and approved transmission lines and roads. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. In addition, the gen-tie towers would be widely spaced apart from each other, allowing Mojave fringe-toed lizards to continue to move around the transmission towers and transmission lines and presenting minimal impediments to migration within the Chuckwalla Valley.

In addition to Mitigation Measure Biology-1 (Monitor Construction Site for Biological Compliance), Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would also be implemented to reduce the potential direct and indirect impacts to the Mojave fringed-toed lizard during construction of the proposed gen-tie line and solar array facility. Mitigation Measure Biology-8 requires compensation mitigation for habitat loss

and direct impacts to stabilized or partially stabilized desert dune habitat (i.e., dune, sand ramp, or fine-sandy wash habitat).

Mojave Fringe-toed Lizard

One BLM-sensitive species, the Mojave fringe-toed lizard, was detected during the 2012 surveys along the gen-tie study area. Although construction of Alternative 3 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 3 would still result in temporary removal and degradation of up to 67.7 acres of this species' habitat, which is still within the Aeolian sand sheet and dune habitat that supports this species. However, Alternative 1 and Alternative 3's gen-tie lines would parallel, in portion, existing and approved transmission lines and access roads; existing access roads would be utilized ~~to the maximum extent possible~~. Regardless, Alternative 3 would have a minimally higher impact on the Mojave fringe-toed lizard when compared to Alternative 1, due to the increased distance of the gen-tie line, but there would be no material difference in the level of significance of the impact. During surveys conducted for this Project in 2011 and 2012 and surveys conducted for the Blythe Mesa Solar Project (AECOM 2010) and the Devers-Palo Verde No. 2 500 kV Transmission Line Project (CH2M Hill 2010), a total of 71 Mojave fringe-toed lizards were detected within the BMSP survey corridor boundaries. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Mojave Fringe-toed Lizard

The Mojave fringed-toed lizard is expected to be present along the gen-tie line due to a 2011 sighting approximately 50 feet from the corridor (CDFW 2013), though no lizards were detected in this corridor during the 2012 habitat assessment. Alternative 1 and Alternative 3's gen-tie lines would parallel existing transmission lines and access roads; however, approximately three miles of Alternative 4 would not parallel existing transmission lines or access roads and would require approximately three miles of new access roads. As a result of the new access roads and gen-tie line, impacts to native ~~Mojave fringed toed lizard~~ habitat would be increased when compared to Alternative 1 or Alternative 3, ~~though the quality of this habitat may be less optimal than that in Alternatives 1 and 3~~ although the amount of habitat suitable for Mojave fringed-toed lizard would be reduced. Although construction of Alternative 4 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 4 would still result in temporary removal and degradation of up to 3.09 acres of this species' habitat. Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would be implemented. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Response 12a-11

Section 4.2.4, *Biological Resources*, on pages 4-98, 4-99, 4-112, 4-113, and 4-119 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

Mojave Fringe-toed Lizard

Suitable Mojave fringe-toed lizard habitat is located throughout the solar array site, and the potential for occurrence there is high (refer to Table 3.2.4-3 in Chapter 3). The species was found throughout the gen-tie line portion of the Project (refer to Figure 3.2.4-4 in Chapter 3). In addition to temporary habitat loss of up to 59.46 acres, construction of the proposed gen-tie line may result in temporary displacement of individuals out of the construction area, crushing by equipment or crew, or increased susceptibility to predation during construction. Because eggs are laid in the sand, construction may destroy eggs that are within the Project area during the breeding season. The implementation of BMP-19 would reduce potential impacts from construction activities.

Long-term predation vulnerability may occur due to vegetation loss, which decreases ~~dispersal and~~ refuge opportunities from predators. In addition, increased perching opportunities resulting from construction of the proposed gen-tie line also increases this species' predation vulnerability. Compaction of sandy areas due to construction and vehicular traffic may degrade habitat suitability for this fossorial species. Because this species is mostly herbivorous as an adult, proliferation of non-native plant species that out-compete native plants could have negative impacts on the Mojave fringe-toed lizard.

The proposed Project is located inside a major sand transport corridor referred to as the Chuckwalla sand corridor (PUC 2011). The temporary construction activities may block wind transport of sand downwind and temporarily impact Mojave fringe-toed lizard habitat. This temporary impact of blocking wind transport will occur as a result of the desert tortoise fencing required by the USFWS as part of Mitigation Measure Biology-2.

The gen-tie line would parallel existing and approved transmission lines and roads. Temporary construction impacts may occur downwind where existing sand can be eroded, resulting in the loss of the fine sand which dune habitat are dependent. Existing access roads would be utilized to the maximum extent possible to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. The implementation of Mitigation Measure Biology-1 would require a project inspector to monitor any construction activities in the Mojave fringe-toed lizard habitat to ensure that ground disturbance activities and impacts occur within designated limits and within designated timeframes to minimize the downwind disturbance.

Construction of the Project would have a temporary indirect effect on movement of the Mojave fringe-toed lizard. Mojave fringe-toed lizard movement would be altered due to edge effects associated with the construction activities and gen-tie footprint of the transmission towers and access roads. Individually, species respond behaviorally to the edge itself (the "ecotonal effect") or to the indirect habitat changes associated with edges (the "matrix effect"). Behavioral avoidance of man-made structures and associated edges can decrease movement and deter connectivity within the Chuckwalla Valley. However, the gen-tie line would parallel existing and approved transmission lines and roads. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. In addition, the gen-tie towers would be widely spaced apart from each other, allowing Mojave fringe-toed lizards to continue to move around the transmission towers and transmission lines and presenting minimal impediments to migration within the Chuckwalla Valley.

In addition to Mitigation Measure Biology-1 (Monitor Construction Site for Biological Compliance), Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would also be implemented to reduce the potential direct and indirect impacts to the Mojave fringed-toed lizard during construction of the proposed gen-tie line and solar array facility. Mitigation Measure Biology-8 requires compensation mitigation for habitat loss and direct impacts to stabilized or partially stabilized desert dune habitat (i.e., dune, sand ramp, or fine-sandy wash habitat).

Mojave Fringe-toed Lizard

One BLM-sensitive species, the Mojave fringe-toed lizard, was detected during the 2012 surveys along the gen-tie study area. Although construction of Alternative 3 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 3 would still result in temporary removal and degradation of up to 67.7 acres of this species' habitat, which is still within the Aeolian sand sheet and dune habitat that supports this species. However, Alternative 1 and Alternative 3's gen-tie lines would parallel, in portion, existing and approved transmission lines and access roads; existing access roads would be utilized ~~to the maximum extent possible~~. Regardless, Alternative 3 would have a minimally higher impact on the Mojave fringe-toed lizard when compared to Alternative 1, due to the increased distance of the gen-tie line, but there would be no material difference in the level of significance of the impact. During surveys conducted for this Project in 2011 and 2012 and surveys conducted for the Blythe Mesa Solar Project (AECOM 2010) and the Devers-Palo Verde No. 2 500 kV Transmission Line Project (CH2M Hill 2010), a total of 71 Mojave fringe-toed lizards were detected within the BMSP survey corridor boundaries. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Mojave Fringe-toed Lizard

The Mojave fringed-toed lizard is expected to be present along the gen-tie line due to a 2011 sighting approximately 50 feet from the corridor (CDFW 2013), though no lizards were detected in this corridor during the 2012 habitat assessment. Alternative 1 and Alternative 3's gen-tie lines would parallel existing transmission lines and access roads; however, approximately three miles of Alternative 4 would not parallel existing transmission lines or access roads and would require approximately three miles of new access roads. As a result of the new access roads and gen-tie line, impacts to native ~~Mojave fringed-toed lizard~~ habitat would be increased when compared to Alternative 1 or Alternative 3, ~~though the quality of this habitat may be less optimal than that in Alternatives 1 and 3~~ although the amount of habitat suitable for Mojave fringed-toed lizard would be reduced. Although construction of Alternative 4 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 4 would still result in temporary removal and degradation of up to 3.09 acres of this species' habitat. Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would be implemented. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Response 12a-12

Section 4.2.4, *Biological Resources*, on page 4-134 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

> *Mojave Fringe-toed Lizard*
>
> This non-listed special-status species is known to occur along the gen-tie line corridors of the BMSP. Cumulative effects may be projected onto this species with the combined influence of the effects of the BMSP with those of the surrounding projects listed in Table 4.1-1. Numerous projects described the widespread distribution of the species throughout their project areas (CDFW 2013; TetraTech 2011). The various solar and wind energy development projects in the Chuckwalla Valley would present higher concentrated habitat fragmentation because they would impact entire large blocks of Mojave fringe-toed lizard habitat and require the ground to be cleared. The ground clearing significantly impacts the metapopulation in the Chuckwalla Valley because not only does it fragment the land, it also indirectly impacts the sand transport that occurs close to the ground through processes of rolling and saltation – bouncing off sand particles.
>
> Under Alternative 1, approximately 65 acres of habitat would be disturbed for the gen-tie line and spur roads. Loss of individuals or habitat in these areas will exert a cumulative effect on Mojave fringe-toed lizard by reducing the local population size or removing suitable habitat. However, the gen-tie line would parallel existing and approved transmission lines and roads. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. In addition, the gen-tie towers would be widely spaced apart from each other, allowing Mojave fringe-toed lizards to continue to move around the transmission towers and transmission lines, presenting minimal impediments to migration within the Chuckwalla Valley.
>
> Long-term predation vulnerability may occur due to vegetation loss, approximately 65 acres of habitat, which decreases dispersal and refuge opportunities from predators. In addition, increased perching opportunities resulting from construction of the all associated transmission lines also increases this species' predation vulnerability. The intensity of the cumulative effect is increased due to the fact that these projects will be ongoing for several years, lost or disturbed habitat is likely to take years to recover, and unless designed with successful perch discouragers, transmission lines will provide permanent perching opportunities.
>
> Effects from the BMSP would be reduced to less than significant levels with the implementation of Mitigation Measures Biology-1 (Monitor Construction Site for Biological Compliance) and Biology-8 (Protect Mojave fringed-toed lizard). As part of the Project, habitat would also be protected with the implementation of BMP-3 (Fugitive Dust Abatement Plan), BMP-10 (Integrated Weed Management Plan), BMP-13 (Ground and surface disturbance), and BMP-19 (Plants and wildlife). The perching impacts would be reduced with the implementation of Mitigation Measure Biology-7 and implementation of the BBCS which requires the design of the gen-tie line to discourage perching and nesting. With implementation of the above-mentioned BMPs as part of the proposed Project, in addition to protection through the implementation of Project

mitigation measures, the cumulative effects to the Mojave fringed-toed lizard between the BMSP and past, present and foreseeable projects would be less than significant.

Response 12a-13

Section 4.2.4, *Biological Resources,* on pages 4-98, 4-99, 4-112, 4-113, and 4-119 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

Mojave Fringe-toed Lizard

Suitable Mojave fringe-toed lizard habitat is located throughout the solar array site, and the potential for occurrence there is high (refer to Table 3.2.4-3 in Chapter 3). The species was found throughout the gen-tie line portion of the Project (refer to Figure 3.2.4-4 in Chapter 3). In addition to temporary habitat loss of up to 59.46 acres, construction of the proposed gen-tie line may result in temporary displacement of individuals out of the construction area, crushing by equipment or crew, or increased susceptibility to predation during construction. Because eggs are laid in the sand, construction may destroy eggs that are within the Project area during the breeding season. The implementation of BMP-19 would reduce potential impacts from construction activities.

Long-term predation vulnerability may occur due to vegetation loss, which decreases ~~dispersal and~~ refuge opportunities from predators. In addition, increased perching opportunities resulting from construction of the proposed gen-tie line also increases this species' predation vulnerability. Compaction of sandy areas due to construction and vehicular traffic may degrade habitat suitability for this fossorial species. Because this species is mostly herbivorous as an adult, proliferation of non-native plant species that out-compete native plants could have negative impacts on the Mojave fringe-toed lizard.

The proposed Project is located inside a major sand transport corridor referred to as the Chuckwalla sand corridor (PUC 2011). The temporary construction activities may block wind transport of sand downwind and temporarily impact Mojave fringe-toed lizard habitat. This temporary impact of blocking wind transport will occur as a result of the desert tortoise fencing required by the USFWS as part of Mitigation Measure Biology-2.

The gen-tie line would parallel existing and approved transmission lines and roads. Temporary construction impacts may occur downwind where existing sand can be eroded, resulting in the loss of the fine sand which dune habitat are dependent. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. The implementation of Mitigation Measure Biology-1 would require a project inspector to monitor any construction activities in the Mojave fringe-toed lizard habitat to ensure that ground disturbance activities and impacts occur within designated limits and within designated timeframes to minimize the downwind disturbance.

Construction of the Project would have a temporary indirect effect on movement of the Mojave fringe-toed lizard. Mojave fringe-toed lizard movement would be altered due to edge effects associated with the construction activities and gen-tie footprint of the transmission towers and access roads. Individually, species respond behaviorally to the edge itself (the "ecotonal effect") or to the indirect habitat changes associated with edges (the "matrix effect"). Behavioral avoidance of man-made structures and associated edges can decrease movement and deter connectivity within the Chuckwalla Valley. However,

the gen-tie line would parallel existing and approved transmission lines and roads. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. In addition, the gen-tie towers would be widely spaced apart from each other, allowing Mojave fringe-toed lizards to continue to move around the transmission towers and transmission lines and presenting minimal impediments to migration within the Chuckwalla Valley.

In addition to Mitigation Measure Biology-1 (Monitor Construction Site for Biological Compliance), Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would also be implemented to reduce the potential direct and indirect impacts to the Mojave fringed-toed lizard during construction of the proposed gen-tie line and solar array facility. Mitigation Measure Biology-8 requires compensation mitigation for habitat loss and direct impacts to stabilized or partially stabilized desert dune habitat (i.e., dune, sand ramp, or fine-sandy wash habitat).

Mojave Fringe-toed Lizard

One BLM-sensitive species, the Mojave fringe-toed lizard, was detected during the 2012 surveys along the gen-tie study area. Although construction of Alternative 3 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 3 would still result in temporary removal and degradation of up to 67.7 acres of this species' habitat, which is still within the Aeolian sand sheet and dune habitat that supports this species. However, Alternative 1 and Alternative 3's gen-tie lines would parallel, in portion, existing and approved transmission lines and access roads; existing access roads would be utilized ~~to the maximum extent possible~~. Regardless, Alternative 3 would have a minimally higher impact on the Mojave fringe-toed lizard when compared to Alternative 1, due to the increased distance of the gen-tie line, but there would be no material difference in the level of significance of the impact. During surveys conducted for this Project in 2011 and 2012 and surveys conducted for the Blythe Mesa Solar Project (AECOM 2010) and the Devers-Palo Verde No. 2 500 kV Transmission Line Project (CH2M Hill 2010), a total of 71 Mojave fringe-toed lizards were detected within the BMSP survey corridor boundaries. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Mojave Fringe-toed Lizard

The Mojave fringed-toed lizard is expected to be present along the gen-tie line due to a 2011 sighting approximately 50 feet from the corridor (CDFW 2013), though no lizards were detected in this corridor during the 2012 habitat assessment. Alternative 1 and Alternative 3's gen-tie lines would parallel existing transmission lines and access roads; however, approximately three miles of Alternative 4 would not parallel existing transmission lines or access roads and would require approximately three miles of new access roads. As a result of the new access roads and gen-tie line, impacts to native ~~Mojave fringed toed lizard~~ habitat would be increased when compared to Alternative 1 or Alternative 3, ~~though the quality of this habitat may be less optimal than that in Alternatives 1 and 3~~ although the amount of habitat suitable for Mojave fringed-toed lizard would be reduced. Although construction of Alternative 4 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent~~

~~possible~~, construction of Alternative 4 would still result in temporary removal and degradation of up to 3.09 acres of this species' habitat. Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would be implemented. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Response 12a-14

Section 4.2.4, *Biological Resources*, on page 4-134 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

Mojave Fringe-toed Lizard

This non-listed special-status species is known to occur along the gen-tie line corridors of the BMSP. Cumulative effects may be projected onto this species with the combined influence of the effects of the BMSP with those of the surrounding projects listed in Table 4.1-1. Numerous projects described the widespread distribution of the species throughout their project areas (CDFW 2013; TetraTech 2011). The various solar and wind energy development projects in the Chuckwalla Valley would present higher concentrated habitat fragmentation because they would impact entire large blocks of Mojave fringe-toed lizard habitat and require the ground to be cleared. The ground clearing significantly impacts the metapopulation in the Chuckwalla Valley because not only does it fragment the land it also indirectly impacts the sand transport that occurs close to the ground through processes of rolling and saltation – bouncing off sand particles.

Under Alternative 1, approximately 65 acres of habitat would be disturbed for the gen-tie line and spur roads. Loss of individuals or habitat in these areas will exert a cumulative effect on Mojave fringe-toed lizard by reducing the local population size or removing suitable habitat. However, the gen-tie line would parallel existing and approved transmission lines and roads. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. In addition, the gen-tie towers would be widely spaced apart from each other, allowing Mojave fringe-toed lizards to continue to move around the transmission towers and transmission lines and presenting minimal impediments to migration within the Chuckwalla Valley.

Long-term predation vulnerability may occur due to vegetation loss, approximately 65 acres of habitat, which decreases dispersal and refuge opportunities from predators. In addition, increased perching opportunities resulting from construction of the all associated transmission lines also increases this species' predation vulnerability. The intensity of the cumulative effect is increased due to the fact that these projects will be ongoing for several years, lost or disturbed habitat is likely to take years to recover, and unless designed with successful perch discouragers, transmission lines will provide permanent perching opportunities.

Effects from the BMSP would be reduced to less than significant levels with the implementation of Mitigation Measures Biology-1 (Monitor Construction Site for Biological Compliance) and Biology-8 (Protect Mojave fringed-toed lizard). As part of the Project, habitat would also be protected with the implementation of BMP-3 (Fugitive Dust Abatement Plan), BMP-10 (Integrated Weed Management Plan), BMP-13 (Ground

and surface disturbance), and BMP-19 (Plants and wildlife). The perching impacts would be reduced with the implementation of Mitigation Measure Biology-7 and implementation of the BBCS which requires the design of the gen-tie line to discourage perching and nesting. With implementation of the above-mentioned BMPs as part of the proposed Project, in addition to protection through the implementation of Project mitigation measures, the cumulative effects to the Mojave fringed-toed lizard between the BMSP and past, present and foreseeable projects would be less than significant.

Response 12a-18

Section 4.2.4, *Biological Resources*, pages 4-98 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

In areas such as the creosote bush scrub communities, access to the construction sites or installation of the solar arrays and transmission towers may result in mortality primarily to burrow-dwelling animals, and species with slower or constrained mobility (e.g., snakes and lizards,). More mobile species, like birds and larger mammals, are likely to relocate and utilize an adjacent habitat area if it is present during the solar array installation and the clearing and grading phase associated with tower construction. The less mobile and smaller wildlife species could be potentially impacted by construction equipment, whereas other wildlife, such as birds and large mammals like the American badger, may be temporarily displaced from the immediate construction areas.

The Project would result in the elimination of six irrigation ponds. It is assumed that all wildlife species in the area utilize these ponds as a source for water. Approximately 1.5 miles north of the Project area is an irrigation pond that will remain intact. Approximately 0.25 mile east and 0.3 mile south of the Project area are irrigation canals. The remaining pond and canals will continue to serve as water sources for the wildlife in the vicinity of the Project.

Response 12a-29

Section 4.2.4, *Biological Resources*, pages 4-143 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

Biology-4 **Burrowing Owl Protection:**
A Burrowing Owl Monitoring and Mitigation Plan (Plan) has been developed to describe monitoring, reporting, and management of the burrowing owl during the construction, O&M, and decommissioning of the proposed Project, as required by the BLM, CDFW, and County of Riverside. It has been prepared following the 2012 CDFW Staff Report on Burrowing Owl Mitigation (CDFW 2012b), and describes a multi-tiered approach to prevent or reduce impacts during construction and operation of the Project. Below is a general summary of the Plan requirements:

- Pre-construction Surveys will be conducted throughout the Project area and laydown areas for burrowing owls, possible burrows, and sign of owls (e.g., pellets, feathers, white wash) 30 days prior to construction;
- Should any of the pre-construction surveys yield positive results for the presence of burrowing owl or active burrows within the Project area, the

approved Biologist will coordinate with the Construction Contractor to implement avoidance and set-back distances;

- If suitable burrows are observed and documented during the pre-construction surveys within the Project footprint and determined to be inactive, these burrows will be excavated and filled in under the supervision of the approved Biologist(s) prior to clearing and grading;
- To compensate for impacts to the burrowing owls in activity areas on the northern part of the Project, 146 acres of habitat have been identified adjacent to the Project area. A letter agreeing to dedicate the existing compensation lands must be approved by CDFW and the County prior to ground disturbance. Land used for compensation must be of equal value or better than the land impacted. Ownership of compensation lands will be transferred prior to any surface disturbance to one of the following: the BLM; or an entity acceptable to the BLM or CDFW that can effectively manage listed species and their habitats.
- The Plan provides detailed methods and guidance for passive relocation of burrowing owls occurring within the Project disturbance area; and
- The Plan describes monitoring and management of the passive relocation effort, including the created or enhanced burrow location and the Project area where burrowing owls were relocated from and provide a reporting plan. The Plan will include maintenance of artificial burrows, three to four times during the year for a total of three years, as necessary.

Response 12a-34

Section 4.2.4, *Biological Resources*, page 4-143 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

Biology-4 **Burrowing Owl Protection:**
A Burrowing Owl Monitoring and Mitigation Plan (Plan) has been developed to describe monitoring, reporting, and management of the burrowing owl during the construction, O&M, and decommissioning of the proposed Project, as required by the BLM, CDFW, and County of Riverside. It has been prepared following the 2012 CDFW Staff Report on Burrowing Owl Mitigation (CDFW 2012b), and describes a multi-tiered approach to prevent or reduce impacts during construction and operation of the Project. Below is a general summary of the Plan requirements:

- Pre-construction Surveys will be conducted throughout the Project area and laydown areas for burrowing owls, possible burrows, and sign of owls (e.g., pellets, feathers, white wash) 30 days prior to construction;
- Should any of the pre-construction surveys yield positive results for the presence of burrowing owl or active burrows within the Project area, the approved Biologist will coordinate with the Construction Contractor to implement avoidance and set-back distances;
- If suitable burrows are observed and documented during the pre-construction surveys within the Project footprint and determined to be inactive, these burrows

will be excavated and filled in under the supervision of the approved Biologist(s) prior to clearing and grading;

- To compensate for impacts to the burrowing owls in activity areas on the northern part of the Project, 146 acres of habitat have been identified adjacent to the Project area. A letter agreeing to dedicate the existing compensation lands must be approved by CDFW and the County prior to ground disturbance. Land used for compensation must be of equal value or better than the land impacted. Ownership of compensation lands will be transferred prior to any surface disturbance to one of the following: the BLM; or an entity acceptable to the BLM or CDFW that can effectively manage listed species and their habitats.
- The Plan provides detailed methods and guidance for passive relocation of burrowing owls occurring within the Project disturbance area; and
- The Plan describes monitoring and management of the passive relocation effort, including the created or enhanced burrow location and the Project area where burrowing owls were relocated from and provide a reporting plan. The Plan will include maintenance of artificial burrows, three to four times during the year for a total of three years, as necessary.

Response 12a-37

Section 4.2.4, *Biological Resources*, on pages 4-98, 4-99, 4-112, 4-113, and 4-119 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

Mojave Fringe-toed Lizard

Suitable Mojave fringe-toed lizard habitat is located throughout the solar array site, and the potential for occurrence there is high (refer to Table 3.2.4-3 in Chapter 3). The species was found throughout the gen-tie line portion of the Project (refer to Figure 3.2.4-4 in Chapter 3). In addition to temporary habitat loss of up to 59.46 acres, construction of the proposed gen-tie line may result in temporary displacement of individuals out of the construction area, crushing by equipment or crew, or increased susceptibility to predation during construction. Because eggs are laid in the sand, construction may destroy eggs that are within the Project area during the breeding season. The implementation of BMP-19 would reduce potential impacts from construction activities.

Long-term predation vulnerability may occur due to vegetation loss, which decreases ~~dispersal and~~ refuge opportunities from predators. In addition, increased perching opportunities resulting from construction of the proposed gen-tie line also increases this species' predation vulnerability. Compaction of sandy areas due to construction and vehicular traffic may degrade habitat suitability for this fossorial species. Because this species is mostly herbivorous as an adult, proliferation of non-native plant species that out-compete native plants could have negative impacts on the Mojave fringe-toed lizard.

The proposed Project is located inside a major sand transport corridor referred to as the Chuckwalla sand corridor (PUC 2011). The temporary construction activities may block wind transport of sand downwind and temporarily impact Mojave fringe-toed lizard habitat. This temporary impact of blocking wind transport will occur as a result of the desert tortoise fencing required by the USFWS as part of Mitigation Measure Biology-2.

The gen-tie line would parallel existing and approved transmission lines and roads. Temporary construction impacts may occur downwind where existing sand can be eroded, resulting in the loss of the fine sand which dune habitat are dependent. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. The implementation of Mitigation Measure Biology-1 would require a project inspector to monitor any construction activities in the Mojave fringe-toed lizard habitat to ensure that ground disturbance activities and impacts occur within designated limits and within designated timeframes to minimize the downwind disturbance.

Construction of the Project would have a temporary indirect effect on movement of the Mojave fringe-toed lizard. Mojave fringe-toed lizard movement would be altered due to edge effects associated with the construction activities and gen-tie footprint of the transmission towers and access roads. Individually, species respond behaviorally to the edge itself (the "ecotonal effect") or to the indirect habitat changes associated with edges (the "matrix effect"). Behavioral avoidance of man-made structures and associated edges can decrease movement and deter connectivity within the Chuckwalla Valley. However, the gen-tie line would parallel existing and approved transmission lines and roads. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. In addition, the gen-tie towers would be widely spaced apart from each other, allowing Mojave fringe-toed lizards to continue to move around the transmission towers and transmission lines and presenting minimal impediments to migration within the Chuckwalla Valley.

In addition to Mitigation Measure Biology-1 (Monitor Construction Site for Biological Compliance), Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would also be implemented to reduce the potential direct and indirect impacts to the Mojave fringed-toed lizard during construction of the proposed gen-tie line and solar array facility. Mitigation Measure Biology-8 requires compensation mitigation for habitat loss and direct impacts to stabilized or partially stabilized desert dune habitat (i.e., dune, sand ramp, or fine-sandy wash habitat).

Mojave Fringe-toed Lizard

One BLM-sensitive species, the Mojave fringe-toed lizard, was detected during the 2012 surveys along the gen-tie study area. Although construction of Alternative 3 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 3 would still result in temporary removal and degradation of up to 67.7 acres of this species' habitat, which is still within the Aeolian sand sheet and dune habitat that supports this species. However, Alternative 1 and Alternative 3's gen-tie lines would parallel, in portion, existing and approved transmission lines and access roads; existing access roads would be utilized to the maximum extent possible. Regardless, Alternative 3 would have a minimally higher impact on the Mojave fringe-toed lizard when compared to Alternative 1, due to the increased distance of the gen-tie line, but there would be no material difference in the level of significance of the impact. During surveys conducted for this Project in 2011 and 2012 and surveys conducted for the Blythe Mesa Solar Project (AECOM 2010) and the Devers-Palo Verde No. 2 500 kV Transmission Line Project (CH2M Hill 2010), a total of 71 Mojave fringe-toed lizards were detected within the BMSP survey corridor boundaries. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of

permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Mojave Fringe-toed Lizard

The Mojave fringed-toed lizard is expected to be present along the gen-tie line due to a 2011 sighting approximately 50 feet from the corridor (CDFW 2013), though no lizards were detected in this corridor during the 2012 habitat assessment. Alternative 1 and Alternative 3's gen-tie lines would parallel existing transmission lines and access roads; however, approximately three miles of Alternative 4 would not parallel existing transmission lines or access roads and would require approximately three miles of new access roads. As a result of the new access roads and gen-tie line, impacts to native ~~Mojave fringed toed lizard~~ habitat would be increased when compared to Alternative 1 or Alternative 3, ~~though the quality of this habitat may be less optimal than that in Alternatives 1 and 3~~ although the amount of habitat suitable for Mojave fringed-toed lizard would be reduced. Although construction of Alternative 4 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 4 would still result in temporary removal and degradation of up to 3.09 acres of this species' habitat. Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would be implemented. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Response 12b-1

Section 4.2.8, *Hazards and Hazardous Materials*, page 4-214 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows.

The hazardous materials analyzed include those potentially existing on the site and those that would be used as part of Project construction, operations and maintenance, and decommissioning. Potential existing hazards were assessed based on information contained in the ~~Phase I~~ EDR DataMap Area Study as part of the Phase I Environmental Site Assessment prepared for the parcels comprising the Project area. This report is available in Appendix F of this Draft EIR/EA.

Response 13-2

Section 4.2.4, *Biological Resources*, on page 4-102 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

Yuma Clapper Rail

Based on the terrain, vegetation, and habitat characteristics within the study area and available data on known locations, Yuma clapper rail are not expected to be nesting within or in areas adjacent to the vicinity of BMSP. Construction activity is not expected to affect Yuma clapper rail nesting or foraging activities. However, migrating birds may potentially be affected by the presence of the solar field, which may produce a "lake effect", indirectly impacting individuals to by causing them to veer away from appropriate habitat or attempt to land in an inappropriate place, possibly resulting in injury or mortality.

Mitigation Measure Biology-7 would be adopted to reduce potential impacts to less than significant levels. Cumulative effects on Yuma clapper rail between the BMSP and past, present, and foreseeable projects would be minimized through the implementation of project-specific BMPs and mitigated through the implementation of project-specific mitigation measures.

Response 13-6

Section 4.2.4, *Biological Resources*, pages 4-143 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

Biology-4 **Burrowing Owl Protection:**
A Burrowing Owl Monitoring and Mitigation Plan (Plan) has been developed to describe monitoring, reporting, and management of the burrowing owl during the construction, O&M, and decommissioning of the proposed Project, as required by the BLM, CDFW, and County of Riverside. It has been prepared following the 2012 CDFW Staff Report on Burrowing Owl Mitigation (CDFW 2012b), and describes a multi-tiered approach to prevent or reduce impacts during construction and operation of the Project. Below is a general summary of the Plan requirements:

- Pre-construction Surveys will be conducted throughout the Project area and laydown areas for burrowing owls, possible burrows, and sign of owls (e.g., pellets, feathers, white wash) 30 days prior to construction;
- Should any of the pre-construction surveys yield positive results for the presence of burrowing owl or active burrows within the Project area, the approved Biologist will coordinate with the Construction Contractor to implement avoidance and set-back distances;
- If suitable burrows are observed and documented during the pre-construction surveys within the Project footprint and determined to be inactive, these burrows will be excavated and filled in under the supervision of the approved Biologist(s) prior to clearing and grading;
- To compensate for impacts to the burrowing owls in activity areas on the northern part of the Project, 146 acres of habitat have been identified adjacent to the Project area. A letter agreeing to dedicate the existing compensation lands must be approved by CDFW and the County prior to ground disturbance. Land used for compensation must be of equal value or better than the land impacted. Ownership of compensation lands will be transferred prior to any surface disturbance to one of the following: the BLM; or an entity acceptable to the BLM or CDFW that can effectively manage listed species and their habitats.
- The Plan provides detailed methods and guidance for passive relocation of burrowing owls occurring within the Project disturbance area; and
- The Plan describes monitoring and management of the passive relocation effort, including the created or enhanced burrow location and the Project area where burrowing owls were relocated from and provide a reporting plan. The Plan will include maintenance of artificial burrows, three to four times during the year for a total of three years, as necessary.

Response 13-9

Section 4.2.4, *Biological Resources*, on pages 4-98, 4-99, 4-112, 4-113, and 4-119 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

> *Mojave Fringe-toed Lizard*
>
> Suitable Mojave fringe-toed lizard habitat is located throughout the solar array site, and the potential for occurrence there is high (refer to Table 3.2.4-3 in Chapter 3). The species was found throughout the gen-tie line portion of the Project (refer to Figure 3.2.4-4 in Chapter 3). In addition to temporary habitat loss of up to 59.46 acres, construction of the proposed gen-tie line may result in temporary displacement of individuals out of the construction area, crushing by equipment or crew, or increased susceptibility to predation during construction. Because eggs are laid in the sand, construction may destroy eggs that are within the Project area during the breeding season. The implementation of BMP-19 would reduce potential impacts from construction activities.
>
> Long-term predation vulnerability may occur due to vegetation loss, which decreases ~~dispersal and~~ refuge opportunities from predators. In addition, increased perching opportunities resulting from construction of the proposed gen-tie line also increases this species' predation vulnerability. Compaction of sandy areas due to construction and vehicular traffic may degrade habitat suitability for this fossorial species. Because this species is mostly herbivorous as an adult, proliferation of non-native plant species that out-compete native plants could have negative impacts on the Mojave fringe-toed lizard.
>
> The proposed Project is located inside a major sand transport corridor referred to as the Chuckwalla sand corridor (PUC 2011). The temporary construction activities may block wind transport of sand downwind and temporarily impact Mojave fringe-toed lizard habitat. This temporary impact of blocking wind transport will occur as a result of the desert tortoise fencing required by the USFWS as part of Mitigation Measure Biology-2.
>
> The gen-tie line would parallel existing and approved transmission lines and roads. Temporary construction impacts may occur downwind where existing sand can be eroded, resulting in the loss of the fine sand which dune habitat are dependent. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. The implementation of Mitigation Measure Biology-1 would require a project inspector to monitor any construction activities in the Mojave fringe-toed lizard habitat to ensure that ground disturbance activities and impacts occur within designated limits and within designated timeframes to minimize the downwind disturbance.
>
> Construction of the Project would have a temporary indirect effect on movement of the Mojave fringe-toed lizard. Mojave fringe-toed lizard movement would be altered due to edge effects associated with the construction activities and gen-tie footprint of the transmission towers and access roads. Individually, species respond behaviorally to the edge itself (the "ecotonal effect") or to the indirect habitat changes associated with edges (the "matrix effect"). Behavioral avoidance of man-made structures and associated edges can decrease movement and deter connectivity within the Chuckwalla Valley. However, the gen-tie line would parallel existing and approved transmission lines and roads. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. In addition, the gen-tie

towers would be widely spaced apart from each other, allowing Mojave fringe-toed lizards to continue to move around the transmission towers and transmission lines and presenting minimal impediments to migration within the Chuckwalla Valley.

In addition to Mitigation Measure Biology-1 (Monitor Construction Site for Biological Compliance), Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would also be implemented to reduce the potential direct and indirect impacts to the Mojave fringed-toed lizard during construction of the proposed gen-tie line and solar array facility. Mitigation Measure Biology-8 requires compensation mitigation for habitat loss and direct impacts to stabilized or partially stabilized desert dune habitat (i.e., dune, sand ramp, or fine-sandy wash habitat).

Mojave Fringe-toed Lizard

One BLM-sensitive species, the Mojave fringe-toed lizard, was detected during the 2012 surveys along the gen-tie study area. Although construction of Alternative 3 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 3 would still result in temporary removal and degradation of up to 67.7 acres of this species' habitat, which is still within the Aeolian sand sheet and dune habitat that supports this species. However, Alternative 1 and Alternative 3's gen-tie lines would parallel, in portion, existing and approved transmission lines and access roads; existing access roads would be utilized t~~o the maximum extent possible~~. Regardless, Alternative 3 would have a minimally higher impact on the Mojave fringe-toed lizard when compared to Alternative 1, due to the increased distance of the gen-tie line, but there would be no material difference in the level of significance of the impact. During surveys conducted for this Project in 2011 and 2012 and surveys conducted for the Blythe Mesa Solar Project (AECOM 2010) and the Devers-Palo Verde No. 2 500 kV Transmission Line Project (CH2M Hill 2010), a total of 71 Mojave fringe-toed lizards were detected within the BMSP survey corridor boundaries. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Mojave Fringe-toed Lizard

The Mojave fringed-toed lizard is expected to be present along the gen-tie line due to a 2011 sighting approximately 50 feet from the corridor (CDFW 2013), though no lizards were detected in this corridor during the 2012 habitat assessment. Alternative 1 and Alternative 3's gen-tie lines would parallel existing transmission lines and access roads; however, approximately three miles of Alternative 4 would not parallel existing transmission lines or access roads and would require approximately three miles of new access roads. As a result of the new access roads and gen-tie line, impacts to native ~~Mojave fringed toed lizard~~ habitat would be increased when compared to Alternative 1 or Alternative 3, ~~though the quality of this habitat may be less optimal than that in Alternatives 1 and 3~~ although the amount of habitat suitable for Mojave fringed-toed lizard would be reduced. Although construction of Alternative 4 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard to the maximum extent possible, construction of Alternative 4 would still result in temporary removal and degradation of up to 3.09 acres of this species' habitat. Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would be implemented. See *Mojave Fringe-toed*

Lizard under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Response 13-10

Section 4.2.4, *Biological Resources,* on pages 4-98, 4-99, 4-112, 4-113, and 4-119 of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

Mojave Fringe-toed Lizard

Suitable Mojave fringe-toed lizard habitat is located throughout the solar array site, and the potential for occurrence there is high (refer to Table 3.2.4-3 in Chapter 3). The species was found throughout the gen-tie line portion of the Project (refer to Figure 3.2.4-4 in Chapter 3). In addition to temporary habitat loss of up to 59.46 acres, construction of the proposed gen-tie line may result in temporary displacement of individuals out of the construction area, crushing by equipment or crew, or increased susceptibility to predation during construction. Because eggs are laid in the sand, construction may destroy eggs that are within the Project area during the breeding season. The implementation of BMP-19 would reduce potential impacts from construction activities.

Long-term predation vulnerability may occur due to vegetation loss, which decreases ~~dispersal and~~ refuge opportunities from predators. In addition, increased perching opportunities resulting from construction of the proposed gen-tie line also increases this species' predation vulnerability. Compaction of sandy areas due to construction and vehicular traffic may degrade habitat suitability for this fossorial species. Because this species is mostly herbivorous as an adult, proliferation of non-native plant species that out-compete native plants could have negative impacts on the Mojave fringe-toed lizard.

The proposed Project is located inside a major sand transport corridor referred to as the Chuckwalla sand corridor (PUC 2011). The temporary construction activities may block wind transport of sand downwind and temporarily impact Mojave fringe-toed lizard habitat. This temporary impact of blocking wind transport will occur as a result of the desert tortoise fencing required by the USFWS as part of Mitigation Measure Biology-2.

The gen-tie line would parallel existing and approved transmission lines and roads. Temporary construction impacts may occur downwind where existing sand can be eroded, resulting in the loss of the fine sand which dune habitat are dependent. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. The implementation of Mitigation Measure Biology-1 would require a project inspector to monitor any construction activities in the Mojave fringe-toed lizard habitat to ensure that ground disturbance activities and impacts occur within designated limits and within designated timeframes to minimize the downwind disturbance.

Construction of the Project would have a temporary indirect effect on movement of the Mojave fringe-toed lizard. Mojave fringe-toed lizard movement would be altered due to edge effects associated with the construction activities and gen-tie footprint of the transmission towers and access roads. Individually, species respond behaviorally to the edge itself (the "ecotonal effect") or to the indirect habitat changes associated with edges (the "matrix effect"). Behavioral avoidance of man-made structures and associated edges

can decrease movement and deter connectivity within the Chuckwalla Valley. However, the gen-tie line would parallel existing and approved transmission lines and roads. Existing access roads would be utilized to minimize ground disturbance and downwind disturbance to the Mojave fringe-toed lizard habitat. In addition, the gen-tie towers would be widely spaced apart from each other, allowing Mojave fringe-toed lizards to continue to move around the transmission towers and transmission lines and presenting minimal impediments to migration within the Chuckwalla Valley.

In addition to Mitigation Measure Biology-1 (Monitor Construction Site for Biological Compliance), Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would also be implemented to reduce the potential direct and indirect impacts to the Mojave fringed-toed lizard during construction of the proposed gen-tie line and solar array facility. Mitigation Measure Biology-8 requires compensation mitigation for habitat loss and direct impacts to stabilized or partially stabilized desert dune habitat (i.e., dune, sand ramp, or fine-sandy wash habitat).

Mojave Fringe-toed Lizard

One BLM-sensitive species, the Mojave fringe-toed lizard, was detected during the 2012 surveys along the gen-tie study area. Although construction of Alternative 3 would be conducted in a way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 3 would still result in temporary removal and degradation of up to 67.7 acres this species' habitat, which is still within the Aeolian sand sheet and dune habitat that supports this species. However, Alternative 1 and Alternative 3's gen-tie lines would parallel, in portion, existing and approved transmission lines and access roads; existing access roads would be utilized to the maximum extent possible. Regardless, Alternative 3 would have a minimally higher impact on the Mojave fringe-toed lizard when compared to Alternative 1, due to the increased distance of the gen-tie line, but there would be no material difference in the level of significance of the impact. During surveys conducted for this Project in 2011 and 2012 and surveys conducted for the Blythe Mesa Solar Project (AECOM 2010) and the Devers-Palo Verde No. 2 500 kV Transmission Line Project (CH2M Hill 2010), a total of 71 Mojave fringe-toed lizards were detected within the BMSP survey corridor boundaries. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Mojave Fringe-toed Lizard

The Mojave fringed-toed lizard is expected to be present along the gen-tie line due to a 2011 sighting approximately 50 feet from the corridor (CDFW 2013), though no lizards were detected in this corridor during the 2012 habitat assessment. Alternative 1 and Alternative 3's gen-tie lines would parallel existing transmission lines and access roads; however, approximately three miles of Alternative 4 would not parallel existing transmission lines or access roads and would require approximately three miles of new access roads. As a result of the new access roads and gen-tie line, impacts to native ~~Mojave fringed-toed lizard~~ habitat would be increased when compared to Alternative 1 or Alternative 3, ~~though the quality of this habitat may be less optimal than that in Alternatives 1 and 3~~ although the amount of habitat suitable for Mojave fringed-toed lizard would be reduced. Although construction of Alternative 4 would be conducted in a

way that avoids impacts to the Mojave fringed-toed lizard ~~to the maximum extent possible~~, construction of Alternative 4 would still result in temporary removal and degradation of up to 3.09 acres of this species' habitat. Mitigation Measure Biology-8 (Protect Mojave fringed-toed lizard) would be implemented. See *Mojave Fringe-toed Lizard* under Alternative 1, above, for discussion of permanent versus temporary impacts and expected direct and indirect effects to this species, which is relevant to Alternative 3.

Response 14-2

Section 4.2.5, *Cultural Resources*, on pages 4-149 and 4-150 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

> Most of the Project area has been previously disturbed by agricultural operations, which have affected cultural resources on or near the ground surface. However, Project-related construction activities may still further affect these cultural resources when they cause additional ground disturbance. Such activities could include operation of heavy equipment, trenching for foundations and utilities, grading for access roads, minor site leveling, and installation of gen-tie towers, which may reach a depth of 20 feet below surface and a height of 120 feet above surface. These activities could directly displace or damage prehistoric and historic archaeological resources that may be on the surface or hidden below grade and could physically remove surface remnants of the World War II-era Blythe Army Air Base (BAAB). ~~Though the Project area is not considered to encompass specific areas of traditional cultural importance to Indian tribes~~ In addition, indirect effects such as increasing public access to sensitive resources resulting in increased vandalism could potentially occur in some cases, although for the Project, public access to the solar facility site will be restricted. Consultation with Native American tribal organizations is required of all federal undertakings as part of the BLM's Section 106 responsibility and per 36 CFR 800. These consultations are considered on-going throughout the life of the project.

Response 14-14

Mitigation Measure Cultural-3 in Section 4.2.5, *Cultural Resources,* (page 4-177) of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

Cultural-3 Prior to obtaining the Project-related grading permit from the County of Riverside, the Applicant shall have the Secretary of the Interior Qualified/County-approved Project Archaeologist prepare and submit for approval to the BLM and the County of Riverside a CRMP. The CRMP shall map all cultural resources within the APE, as described in this Final EIR/EA. The CRMP must conform with BLM Measure #5, #6, #7 and #8 as found in the determination and findings document provided to SHPO dated August 7, 2013 (BLM 2013). The CRMP shall also detail how resources, if any, are determined eligible or resources that are unevaluated but avoided by Project design, would be marked and protected as Environmentally Sensitive Areas during construction. The CRMP shall also map additional areas that are considered to be of high sensitivity for discovery of buried significant cultural resources, including burials, cremations, or sacred features. The CRMP shall detail provisions for monitoring construction in these high-sensitivity areas. It shall also detail procedures for halting construction, making appropriate notifications

> to agencies, officials, and Native American tribes, and assessing NRHP and CRHR eligibility in the event that unknown archaeological resources are discovered during construction. For all post-review discoveries, the CRMP shall detail the methods, consultation procedures, and timelines for implementing Mitigation Measures Cultural-1 and Cultural-2. The CRMP shall be presented to all construction personnel, with Native American Participants in attendance, in the form of a worker education program by the Project Archaeologist prior to commencement of groundbreaking. During subsequent Safety Meetings on the job site, the Project Archaeologist and/or his qualified representative shall inform all new construction personnel of the cultural resources issues associated with the Project.

Response 14-15

Section 4.2.5, *Cultural Resources*, on page 4-155 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

> Direct impacts to cultural resources during operation and maintenance of the Project could occur from unanticipated damage to newly discovered eligible archaeological sites. Operation and maintenance activities, such as routine inspection and servicing of equipment, addressing equipment breakdowns, and panel cleaning, would be limited to the Project area itself and other designated areas, such as the gen-tie line ROW. However, this impact would only occur if excavation or surface disturbance (e.g., grading, leveling) in previously undisturbed areas were necessary to support operation and maintenance activities. Since no such activities are proposed, no additional impacts or effects to cultural resources are anticipated. ~~A Long Term Management Plan~~ A Cultural Resources Management Plan (CRMP) will be prepared and implemented to minimize the potential for ~~unanticipated damage~~ impacts to buried and otherwise unknown historic properties and/or historical resources during construction.~~eligible archaeological sites.~~

Chapter 6, *Coordination and Consultation*, on page 6-10 of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

> Additionally, to address the concerns related to the discovery of previously unidentified cultural resources during construction, the BLM will impose a robust construction monitoring plan as detailed in mitigation measure Cultural-1 that provides for tribal participation and the proper treatment and protection of prehistoric human remains should any be found during construction. The BLM will also require the development and implementation of a ~~long-term cultural resource management plan~~ Cultural Resources Management Plan (CRMP).

Response 14-17

Mitigation Measure Cultural-2 in Section 4.2.5, *Cultural Resources*, (page 4-176) of the Draft EIR/EA have been revised and incorporated into the Final EIR/EA as follows:

Cultural-2 The County advocates avoidance as the preferred choice, and the BLM requires that the development of a discovery plan (see Cultural–3) must occur prior to project construction. If, during ground disturbance activities associated with

construction, operation and maintenance, or decommissioning, archaeological sites are discovered that were not identified and evaluated in the archaeological survey reports or the Final EIR/EA conducted prior to Project approval, and the following procedures shall be followed.

1) All ground disturbance activities within 100 feet of the discovered ~~cultural~~ archaeological resource shall be halted until a meeting is convened between the developer, the Project archaeologist, the Native American tribal representative, the BLM, and (on non-federal land) the County archaeologist to discuss the significance of the find.
2) At the meeting, the significance of the discoveries shall be discussed in consultation with the Native American tribal representative and the Project archaeologist. The BLM alone shall determine the appropriate treatment for cultural resources on BLM-managed lands. The County Archaeologist and the BLM together shall determine the appropriate mitigation (documentation, evaluation, recovery, avoidance, etc.) for cultural resources on private lands. In determining the appropriate treatment on private land, the BLM shall follow requirements of 36 CFR ~~Part~~ 800.13 for post-review discoveries and the County Archaeologist shall implement CEQA Guidelines Section 15126.4(b) regarding mitigation related to impacts on historical resources and CEQA Guidelines Section 15064.5(c) and 21083.2(g) regarding archaeological resources.
3) Further ground disturbance shall not resume within the area of the discovery until a meeting is convened with the aforementioned parties and a decision is made with the concurrence of the BLM and (on private land) the County Archaeologist as to the appropriate preservation or mitigation measures. The Applicant shall comply with the determinations of the County Archaeologist and BLM.

Response 14-20

Mitigation Measure Cultural-3 in Section 4.2.5, *Cultural Resources*, (page 4-177) of the Draft EIR/EA has been revised and incorporated into the Final EIR/EA as follows:

Cultural-3 Prior to obtaining the Project-related grading permit from the County of Riverside, the Applicant shall have the Secretary of the Interior Qualified/County-approved Project Archaeologist prepare and submit for approval to the BLM and the County of Riverside a CRMP. The CRMP shall map all cultural resources within the APE, as described in this Final EIR/EA. The CRMP must conform with BLM Measure #5, #6, #7 and #8 as found in the determination and findings document provided to SHPO dated August 7, 2013 (BLM 2013). The CRMP shall also detail how resources, if any, are determined eligible or resources that are unevaluated but avoided by Project design, would be marked and protected as Environmentally Sensitive Areas during construction. The CRMP shall also map additional areas that are considered to be of high sensitivity for discovery of buried significant cultural resources, including burials, cremations, or sacred features. The CRMP shall detail provisions for monitoring construction in these high-sensitivity areas. It shall also detail procedures for halting construction, making appropriate notifications to agencies, officials, and Native American tribes, and assessing NRHP and CRHR eligibility in the event that unknown archaeological resources are

discovered during construction. For all post-review discoveries, the CRMP shall detail the methods, consultation procedures, and timelines for implementing Mitigation Measures Cultural-1 and Cultural-2. The CRMP shall be presented to all construction personnel, with Native American Participants in attendance, in the form of a worker education program by the Project Archaeologist prior to commencement of groundbreaking. During subsequent Safety Meetings on the job site, the Project Archaeologist and/or his qualified representative shall inform all new construction personnel of the cultural resources issues associated with the Project.

APPENDIX Q

MITIGATION, MONITORING AND REPORTING PROGRAM

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MITIGATION, MONITORING AND REPORTING PROGRAM

The County of Riverside (County) will adopt this Mitigation Monitoring and Reporting Program (MMRP) in accordance with Public Resources Code (PRC) Section 21081.6 and Section 15097 CEQA Guidelines. As a condition of approval of the Bureau of Land Management's (BLM's) Right of Way Grant, the BLM will adopt this MMRP in order to mitigate identified environmental impacts. The purpose of the MMRP is to ensure that the Project, which is the subject of the Final EIR/EA, comply with all applicable environmental mitigation requirements. The mitigation measures for the Project will be adopted by the County, in conjunction with the adoption of the Final EIR/EA. The mitigation measures have been integrated into this MMRP. Within this document, the approved mitigation measures are organized and referenced by subject category. The mitigation measures are provided in the table. The specific mitigation measures are identified, as well as the monitoring method, responsible monitoring party, monitoring phase, verification/approval party, date mitigation measure verified or implemented, location of documents (monitoring record), and completion requirement for each mitigation measure.

The mitigation measures applicable to the Project include avoiding certain impacts altogether, minimizing impacts by limiting the degree or magnitude of the action and its implementation, and/or reducing or eliminating impacts over time by maintenance operations during the life of the action. Public Resources Code Section 21081.6 requires the Lead Agency, for each project that is subject to CEQA, to monitor performance of the mitigation measures included in any environmental document to ensure that implementation does, in fact, take place. The County is the designated CEQA lead agency for the MMRP. The County is responsible for review of all monitoring reports, enforcement actions, and document disposition as it relates to impacts within the County's jurisdiction. The County will rely on information provided by the monitor as accurate and up to date and will field check mitigation measure status as required.

A record of the MMRP will be maintained at:

Riverside County Planning Department
4080 Lemon Street, 12th Floor
P.O. Box 1409
Riverside, CA 92502-1409

Bureau of Land Management
1201 Bird Center Drive
Palm Springs, CA 92262

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BLYTHE MESA SOLAR PROJECT - Mitigation, Monitoring and Reporting Program

RESOURCE TOPIC	MITIGATION MEASURE		MONITORING METHOD	RESPONSIBLE MONITORING PARTY	MONITORING PHASE	VERIFICATION APPROVAL PARTY	**DATE MITIGATION MEASURE VERIFIED OR IMPLEMENTED**	**COMPLETION REQUIREMENT**
Agriculture	Agriculture-1	Prior to issuance of a grading permit, the Applicant shall provide written evidence of completion of at least one of the following measures to mitigate the impact to agricultural resources caused by conversion of land subject to the grading permit to non-agricultural uses. Important farmlands include Prime Farmlands, Farmlands of Statewide Importance, and Unique Farmlands as shown on maps prepared pursuant to the Farmland Mapping and Monitoring Program of the California Resources Agency that is in effect as of the date of approval of the Project. 1. Acquire and record agricultural conservation easement(s) meeting the following criteria: a. Two acres placed under conservation easement for each net acre of Important Farmland converted to non-agricultural uses during the life of the Project. A plot plan shall be submitted substantiating the net acreage calculation, which shall be consistent with the definition of "Net Acreage" in County Policy B-29[1]. b. Land subject to the conservation easement shall be located in Riverside County and must be of the same or higher State of California Department of Conservation farmland classification (Prime Farmland or Farmland of Statewide Importance) as the land that has been converted to non-agricultural uses. c. The conservation easement must be held by a third party having the capacity to hold such an easement and in an easement form acceptable to Riverside County. d. The Applicant must provide to the easement holder an endowment sufficient to generate funds for ongoing monitoring and enforcement of the easement. 2. Purchase of credits from an established agricultural land mitigation bank in an amount sufficient to achieve a level of protection at least equivalent to Mitigation Measure Agriculture-1 above; 3. Contribution of agricultural land or equivalent funding to an organization that provides for the preservation of farmland in California in an amount sufficient to achieve a level of protection at least equivalent to Mitigation Measure Agriculture-1 above; or 4. Participation in any agricultural land mitigation program adopted by Riverside County that provides equal or more effective mitigation than the measures listed above.	The Riverside County Planning Department shall verify that the Applicant has competed one or more of the measures to mitigate the impact to Important Farmland caused by conversion of land subject to the grading permit to non-agricultural uses.	Riverside County Planning Department	Prior to grading the issuance of a grading permit.	Riverside County Planning Department.		
Biological Resources	Biology-1	The Project inspector shall monitor the work area bi-weekly during ground disturbing construction activities. The Project inspector shall conduct monitoring for any area subject to disturbance from construction activities that may impact biological resources. The Project inspector's duties include minimizing impacts to special-status species, native vegetation, wildlife habitat, and unique resources.	The Riverside County Planning Department shall verify that the Project inspector has flagged the boundaries of biologically sensitive areas and has employed BMPs to prevent loss of habitat caused by Project-related impacts	Riverside County Planning Department designated biologist and BLM.	Prior to grading and during construction.	Riverside County Planning Department and BLM.		

[1] The County of Riverside's Board of Supervisor's Policy B-29 defines "Net Acreage" as all areas involved in the production of power including, but not limited to, the power block, solar collection equipment, areas contiguous to solar collection equipment, transformers, transmission lines and/or piping, transmission facilities (on and off-site), service roads regardless of surface type – including service roads between panels or collectors, structures, and fencing surrounding all such areas. Net acreage shall not include off-site access roads or areas specifically set aside either as environmentally sensitive or designated as open space, and shall not include the fencing of such set aside areas.

RESOURCE TOPIC	MITIGATION MEASURE	MONITORING METHOD	RESPONSIBLE MONITORING PARTY	MONITORING PHASE	VERIFICATION APPROVAL PARTY	**DATE MITIGATION MEASURE VERIFIED OR IMPLEMENTED**	**COMPLETION REQUIREMENT**
	Where appropriate, the inspector will flag the boundaries of biologically sensitive areas and monitor any construction activities in these areas to ensure that ground disturbance activities and impacts occur within designated limits. The Project inspector will also be responsible for ensuring the BMPs shall be employed to prevent loss of habitat caused by Project-related impacts (e.g., grading or clearing for new roads) within the gen-tie line corridor. The resume of the proposed Project inspector will be provided to the BLM (as appropriate) for concurrence prior to onset of ground-disturbing activities. The Project inspector will have demonstrated expertise with the biological resources within the Project area.	within the gen-tie line corridor.					
	Biology-2 Desert Tortoise Protection (1) Qualified Biologist: In the following measures, a "qualified biologist" is defined as a person with appropriate education, training, and experience to conduct tortoise surveys, monitor project activities, provide worker education programs, and supervise or perform other implementing actions. The person must demonstrate an acceptable knowledge of tortoise biology, desert tortoise impact minimization techniques, habitat requirements, sign identification techniques, and survey procedures. Evidence of such knowledge may include work as a compliance monitor on a project in desert tortoise habitat, work on desert tortoise trend plot or transect surveys, conducting surveys for desert tortoise, or other research or field work on desert tortoise. Attendance at a training course endorsed by the agencies (e.g., Desert Tortoise Council tortoise training workshop) is a supporting qualification. A qualified biologist will be on-site during all construction. The qualified biologist shall conduct a pre-construction clearance survey of the Project area, watch for tortoises wandering into the construction areas, check under vehicles, and examine excavations and other potential pitfalls for entrapped animals. The qualified biologist will be responsible for overseeing compliance with desert tortoise protective measures and for coordination with the Field Contact Representative (FCR) (described below). The qualified biologist shall have the authority to halt all Project activities that are in violation of these measures or that may result in the take of a tortoise. The qualified biologist shall have a copy of this letter when work is being conducted on the site. The qualified biologist is not authorized to handle or relocate desert tortoises as part of this project.	1) The Riverside County Planning Department shall verify that a qualified biologist demonstrates an acceptable knowledge of tortoise biology, desert tortoise impact minimization techniques, habitat requirements, sign identification techniques, and survey procedures. The Riverside County Planning Department shall verify that a qualified biologist is on-site during all construction. The Riverside County Planning Department shall verify the qualified biologist is responsible for overseeing compliance with desert tortoise protective measures and for coordination with the Field Contact Representative (FCR). The Riverside County Planning Department shall verify the qualified biologist has a copy of this letter when work is being conducted on the site.	1) Riverside County Planning Department, designated biologist.	1) Prior to grading and during construction	1) Riverside County Planning Department and USFWS.	1)	1)
	Biology-2 Desert Tortoise Protection (continued) (2) Preconstruction Clearance Survey: The qualified biologist shall conduct a preconstruction clearance survey of the Project area. Transects for clearance surveys will be spaced 15 feet apart. Clearance will be considered complete after two successive surveys have been conducted without finding any desert tortoises. Clearance surveys must be conducted during the active season for desert tortoises (April through May or September through October). The qualified biologist is not authorized to handle or relocate desert tortoises as part of this project. If a tortoise or tortoise burrow is located during clearance surveys, the USFWS will be contacted for direction on how to proceed.	2) The Riverside County Planning Department shall verify that a preconstruction clearance survey has been conducted by the qualified biologist during the active season for desert tortoises (April through May or September through October.	2) Riverside County Planning Department, designated biologist.	2) Prior to grading.	2) Riverside County Planning Department and USFWS.	2)	2)

RESOURCE TOPIC	MITIGATION MEASURE	MONITORING METHOD	RESPONSIBLE MONITORING PARTY	MONITORING PHASE	VERIFICATION APPROVAL PARTY	**DATE MITIGATION MEASURE VERIFIED OR IMPLEMENTED**	**COMPLETION REQUIREMENT**
	Biology-2 Desert Tortoise Protection (continued) (3) Field Contact Representative: The Project Applicant will designate a FCR who will be responsible for overseeing compliance with desert tortoise protective measures and for coordination with the USFWS. The FCR will have the authority to halt all Project activities that are not in compliance with the measures in this letter. The FCR will have a copy of this letter when work is being conducted on the site. The FCR may be an agent for the company, the site manager, any other Project employee, a biological monitor, or other contracted biologist. Any incident occurring during the Project activities that is considered by the qualified biologist to be in non-compliance with these measures will be documented immediately by the qualified biologist. The FCR will ensure that appropriate corrective action is taken. Corrective actions will be documented by the qualified biologist. The following incidents will require immediate cessation of the Project activities causing the incident: (1) location of a desert tortoise within the exclusion fencing; (2) imminent threat of injury or death to a desert tortoise; (3) unauthorized handling of a desert tortoise, regardless of intent; (4) operation of construction equipment or vehicles outside a project area cleared of desert tortoise, except on designated roads; and (5) conducting any construction activity without a biological monitor where one is required.	3) The Riverside County Planning Department shall verify that the FCR is responsible for overseeing compliance with desert tortoise protective measures and for coordination with the USFWS. The Riverside County Planning Department shall verify that the FCR will have a copy of this letter when work is being conducted on the site.	3) Riverside County Planning Department.	3) Prior to grading and construction.	3) Riverside County Planning Department and USFWS.	3)	3)
	Biology-2 Desert Tortoise Protection (continued) (4) Worker Training: Prior to the onset of construction activities, a desert tortoise education program will be presented by the FCR or qualified biologist to all personnel who will be present on work areas within the Project area. Following the onset of construction, any new employee will be required to formally complete the tortoise education program prior to working on-site. At a minimum, the tortoise education program will cover the following topics: • A detailed description of the desert tortoise, including color photographs; • The distribution and general behavior of the desert tortoise; • Sensitivity of the species to human activities; • The protection the desert tortoise receives under the Act, including prohibitions and penalties incurred for violation of the Act; • The protective measures being implemented to conserve the desert tortoise during construction activities; and • Procedures and a point of contact if a desert tortoise is observed on-site.	4) The Riverside County Planning Department shall verify that all employees of the Applicants and their contractors who work on have participated in a tortoise education program.	4) The Riverside County Planning Department.	4) Prior to grading and construction.	4) Riverside County Planning Department.	4)	4)
	Biology-2 Desert Tortoise Protection (continued) (5) Site Fencing: Desert tortoise exclusion fencing will be installed around the Project area. The fence will adhere to USFWS design guidelines, available at: http://www.fws.gov/venturaispecies _information/protocols guidelines/docs/dtlDT_ Exclusion-Fence_2005.pdf. The qualified biologist will conduct a clearance survey before the tortoise fence is enclosed to ensure no tortoises are on the Project area. If a tortoise is found, all construction activity will halt and the USFWS contacted for direction on how to proceed. Once installed, exclusion fencing will be inspected at least monthly and following all rain events, and corrective action taken if needed to maintain the integrity of the tortoise barrier.	5) The Riverside County Planning Department authorized biologist shall verify that work area boundaries are delineated with flagging or fencing to minimize surface disturbance associated with vehicle straying.	5) The Riverside County Planning Department authorized biologist.	5) During construction, decommissioning, and ground disturbing activities.	5) Riverside County Planning Department.	5)	5)

RESOURCE TOPIC	MITIGATION MEASURE	MONITORING METHOD	RESPONSIBLE MONITORING PARTY	MONITORING PHASE	VERIFICATION APPROVAL PARTY	**DATE MITIGATION MEASURE VERIFIED OR IMPLEMENTED**	**COMPLETION REQUIREMENT**
	Fencing around the Project area will include a desert tortoise exclusion gate. This gate will remain closed at all times, except when vehicles are entering or leaving the Project area. If it is deemed necessary to leave the gate open for extended periods of time (e.g., during high traffic periods), the gate may be left open as long as a qualified biologist is present to monitor for tortoise activity in the vicinity. Sites with potential hazards to desert tortoise (e.g., auger holes, steep-sided depressions) that are outside of the desert tortoise exclusion fencing will be fenced by installing exclusionary fencing, or not left unfilled overnight.						
	Biology-2 Desert Tortoise Protection (continued) (6) Refuse Disposal: All trash and food items shall be promptly contained within closed, raven-proof containers. These will be regularly removed from the Project area to reduce the attractiveness of the area to common ravens and other desert predators. The FCR will be responsible for ensuring that trash is removed regularly from the site such that containers do not overflow, and that the trash containers are kept securely closed when not in use.	6) The Riverside County Planning Department authorized biologist shall verify that that trash is removed regularly from the site such that containers do not overflow, and that the trash containers are kept securely closed when not in use.	6) The Riverside County Planning Department authorized biologist.	6) During construction, decommissioning, and ground disturbing activities.	6) Riverside County Planning Department.	6)	6)
	Biology-2 Desert Tortoise Protection (continued) (7) Tortoises under vehicles: The underneath of vehicles parked outside of desert tortoise exclusion fencing will be inspected immediately prior to the vehicle being moved. If a tortoise is found beneath a vehicle, the vehicle will not be moved until the desert tortoise leaves of its own accord. (8) Tortoises on roads: If a tortoise is observed on or near the road accessing the Project area, vehicular traffic will stop and the tortoise will be allowed to move off the road on its own. (9) Tortoise Observations: No handling of desert tortoise or burrow excavation is allowed as part of the proposed action. If a tortoise is observed outside of exclusion fencing, construction will stop and the tortoise allowed to move out of the area on its own. If a tortoise or tortoise burrow is observed within the exclusion fencing, all construction will stop, and the USFWS contacted for direction on how to proceed. The following activities are not authorized and will require immediate cessation of the construction activities causing the incident: (1) location of a desert tortoise within the exclusion fencing; (2) imminent threat of injury or death to a desert tortoise; (3) unauthorized handling of a desert tortoise, regardless of intent; (4) operation of construction equipment or vehicles outside a project area cleared of desert tortoise, except on designated roads; and (5) conducting any construction activity without a biological monitor where one is required. (10) Dead or Injured Specimens: Upon locating a dead or injured tortoise, the Applicant or agent is to immediately notify the Palm Springs Fish and Wildlife Office by telephone within three days of the finding. Written notification must be made within five days of the finding, both to the appropriate USFWS field office and to the USFWS' Division of Law Enforcement. The information provided must include the date and time of the finding or incident (if known),	7,8,9, and 10) The Riverside County Planning Department authorized biologist shall contact the BLM and USFWS and an appropriate course of action shall be determined to avoid or mitigate impacts.	7,8,9, and10) The Riverside County Planning Department authorized biologist.	7,8,9, and 10) During construction, decommissioning, and ground disturbing activities.	7,8,9, and 10) Riverside County Planning Department, BLM and USFWS.	7,8,9, and 10)	7,8,9, and 10)

RESOURCE TOPIC	MITIGATION MEASURE		MONITORING METHOD	RESPONSIBLE MONITORING PARTY	MONITORING PHASE	VERIFICATION APPROVAL PARTY	**DATE MITIGATION MEASURE VERIFIED OR IMPLEMENTED**	**COMPLETION REQUIREMENT**
		location of the carcass or injured animal, a photograph, cause of death, if known, and other pertinent information.						
	Biology-3	Pre-construction surveys shall be conducted for State and federally listed Threatened and Endangered, Proposed, Petitioned, and Candidate plants in a 250-foot radius around all areas subject to ground-disturbing activity including, but not limited to, tower pad preparation and construction areas, solar facilities, pulling and tensioning sites, assembly yards, and areas subject to grading for new access roads. The surveys shall be conducted during the appropriate blooming period(s) by an authorized plant ecologist/biologist according to protocols established by the USFWS, CDFW, BLM, and California Native Plant Society (CNPS). Measures shall be taken to avoid and minimize impacts to special-status plant species that are found to be present during the preconstruction surveys. This includes avoiding unnecessary or unauthorized trespass by workers and equipment, staging and storage of equipment and materials, refueling activities, and littering or dumping debris in areas known to contain special-status plant species that are not within the designated construction footprint.	The Riverside County Planning Department shall verify that pre-construction surveys were conducted.	Riverside County Planning Department, designated biologist.	Prior to grading.	Riverside County Planning Department.		
	Biology-4	Burrowing Owl Protection: A Burrowing Owl Monitoring and Mitigation Plan (Plan) has been developed to describe monitoring, reporting, and management of the burrowing owl during the construction, O&M, and decommissioning of the proposed Project, as required by the BLM, CDFW, and County of Riverside. It has been prepared following the 2012 CDFW Staff Report on Burrowing Owl Mitigation (CDFW 2012b), and describes a multi-tiered approach to prevent or reduce impacts during construction and operation of the Project. Below is a general summary of the Plan requirements: • Pre-construction Surveys will be conducted throughout the Project area and laydown areas for burrowing owls, possible burrows, and sign of owls (e.g., pellets, feathers, white wash) 30 days prior to construction; • Should any of the pre-construction surveys yield positive results for the presence of burrowing owl or active burrows within the Project area, the approved Biologist will coordinate with the Construction Contractor to implement avoidance and set-back distances; • If suitable burrows are observed and documented during the pre-construction surveys within the Project footprint and determined to be inactive, these burrows will be excavated and filled in under the supervision of the approved Biologist(s) prior to clearing and grading; • To compensate for impacts to the burrowing owls in activity areas on the northern part of the Project, 146 acres of habitat have been identified adjacent to the Project area. A letter agreeing to dedicate the existing compensation lands must be approved by CDFW and the County prior to ground disturbance. Land used for compensation must be of equal value or better than the land impacted. Ownership of compensation lands will be transferred prior to any surface disturbance to one of the following: the BLM; an entity acceptable to the BLM, or CDFW that can effectively manage listed species and their habitats. • The Plan provides detailed methods and guidance for passive relocation of burrowing owls occurring within the Project disturbance area; and • The Plan describes monitoring and management of the passive relocation	The Riverside County Planning Department shall verify that pre-construction surveys were conducted throughout the Project area and laydown areas for burrowing owls, possible burrows, and sign of owls (e.g., pellets, feathers, white wash) 30 days prior to construction. If active burrows are present, the measures as provided in Chapter 4 of the EIR/EA shall be implemented.	Riverside County Planning Department, designated biologist.	Prior to and during construction.	Riverside County Planning Department, BLM and CDFW.		

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		effort, including the created or enhanced burrow location and the Project area where burrowing owls were relocated from and provide a reporting plan. The Plan will include maintenance of artificial burrows, three to four times during the year for a total of three years, as necessary.						
	Biology-5	In areas identified as suitable habitat during the 2011 and 2012 surveys, biological monitors shall conduct pre-construction surveys for American badger no more than 30 days prior to initiation of construction activities. Surveys shall also consider the potential presence of dens within 100 feet of the Project boundary (including utility corridors and access roads) and shall be performed for each phase of construction. If dens are detected each den shall then be further classified as inactive, potentially active, or definitely active. Inactive dens that would be directly impacted by construction activities shall be excavated by hand and backfilled to prevent reuse by badgers. Potential dens that would be directly impacted by construction activities shall be monitored by the Biological Monitor for three consecutive nights using a tracking medium such as diatomaceous medium or fire clay and/or infrared camera stations at the entrance. If no tracks are observed in the tracking medium or no photos of the target species are captured after three nights, the den shall be excavated and backfilled by hand. If tracks are observed, the badger dens shall be fitted with the one-way trap doors to encourage badgers to move off-site. After 48 hours post-installation, the den shall be excavated and collapsed, following the same protocol as with western burrowing owl burrows. These dens shall be collapsed prior to construction of the desert tortoise fence, to allow badgers the opportunity to move off-site without impediment. If an active natal den is detected on the site, the CDFW shall be contacted within 24 hours. The course of action would depend on the age of the pups, location of the den site, status of the perimeter site fence, and the pending construction activities proposed near the den. A 500-foot no disturbance buffer shall be maintained around all active dens. Alternatively, a designated biologist, authorized by CDFW, shall trap and remove badgers from occupied dens and move them off-site into appropriate habitat.	The Riverside County Planning Department shall verify that pre-construction surveys for American badger were conducted no more than 30 days prior to initiation of construction activities. If active dens are present, the measures as provided in Chapter 4 of the EIR/EA shall be implemented.	Riverside County Planning Department, designated biologist.	Prior to and during construction.	Riverside County Planning Department and CDFW.		
	Biology-6	In areas identified as suitable habitat during the 2011 and 2012 surveys, biological monitors shall conduct pre-construction surveys for kit fox no more than 30 days prior to initiation of construction activities. Surveys shall also consider the potential presence of dens within 100 feet of the Project boundary (including utility corridors and access roads) and shall be performed for each phase of construction. If dens are detected each den shall then be further classified as inactive, potentially active, or definitely active. Inactive dens that would be directly impacted by construction activities shall be excavated by hand and backfilled to prevent reuse by kit fox. Potential dens that would be directly impacted by construction activities shall be monitored by the Biological Monitor for three consecutive nights using a tracking medium such as diatomaceous medium or fire clay and/or infrared camera stations at the entrance. If no tracks are observed in the tracking medium or no photos of the target species are captured after three nights, the den shall be excavated and backfilled by hand. If tracks are observed, the kit fox dens shall be fitted with the one-way trap doors to encourage kit fox to move off-site. After 48 hours post-installation, the den shall be excavated and collapsed, following the same protocol as with western burrowing owl burrows. These dens shall be collapsed prior to construction of the desert tortoise fence, to allow kit fox the opportunity to move off-site without impediment. If an active natal den is detected on the site, the CDFW shall be contacted within 24 hours. The course of action	The Riverside County Planning Department shall verify that pre-construction surveys were conducted. If the presence for the Desert kit fox is identified, the measures as provided in Chapter 4 of the EIR/EA shall be implemented.	Riverside County Planning Department, designated biologist.	Prior to and during construction.	Riverside County Planning Department and CDFW.		

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		would depend on the age of the pups, location of the den site, status of the perimeter site fence, and the pending construction activities proposed near the den. A 500-foot no disturbance buffer shall be maintained around all active dens. Habitat-based mitigation or other appropriate mitigation as discussed previously for desert tortoise and western burrowing owl shall provide mitigation for impacts to non-listed special-status species that inhabit overlapping suitable habitat. The following measures are required to reduce the likelihood of distemper transmission: • No pets shall be allowed on the site prior to or during construction; • Any kit fox hazing activities that include the use of animal repellents such as coyote urine must be cleared through the CDFW prior to use; and • Any documented kit fox mortality shall be reported to the CDFW and the BLM within 24 hours of identification. If a dead kit fox is observed, it shall be retained and protected from scavengers until the CDFW determines if the collection of necropsy samples is justified.						
	Biology-7	If Project construction activities cannot occur completely outside the bird breeding season, then pre-construction surveys for active nests shall be conducted by a qualified biologist within 1,200 feet of the construction zone no more than seven days before the initiation of construction that would occur between February 1 and August 15. The qualified biologist will hold a current Memorandum of Understanding with the County of Riverside to conduct nesting bird surveys. If breeding birds with active nests are found, a biological monitor shall establish a species-specific buffer around the nests for ground-based construction activities, 250 feet or 1,200 feet for raptor nests. Extent of protection will be based on proposed management activities, human activities existing at the onset of nesting initiation, species, topography, vegetative cover, and other factors. When appropriate, a no-disturbance buffer around active nest sites will be required from nest-site selection to fledging. If for any reason a bird nest must be removed during the nesting season, written documentation providing concurrence from the USFWS and CDFW authorizing the nest relocation shall be obtained. All nest removals shall occur after the nest is demonstrated to be inactive by a qualified biologist and have been shown to not result in take as defined by the Migratory Bird Treaty Act (MBTA). A Bird and Bat Conservation Strategy (BBCS) will be developed for this Project and include additional protections for avian species. The BBCS would be based on specific recommendations from the USFWS and would provide: • a statement of the Applicant's understanding of the importance of bird and bat safety and management's commitment to remain in compliance with relevant laws; • documentation of conservation measures BMSP would implement through design and operations to avoid and reduce bird and bat fatalities at both solar generation facilities as well as the associated gen-tie line, including consideration of bird height and wingspan requirements and use of flight diverters, perch and nest discouraging material, etc.; • consistent, practical and up-to-date direction to BMSP staff on how to avoid, reduce, and monitor bird and bat fatalities; • establishment of accepted processes to monitor and mitigate bird and bat fatalities; • establishment of accepted fatality thresholds that, if surpassed, would	The Riverside County Planning Department shall verify that pre-construction surveys were conducted. If breeding birds with active nests are found, the measures as provided in Chapter 4 of the EIR/EA shall be implemented.	Riverside County Planning Department, designated biologist.	Prior to and during construction.	Riverside County Planning Department and CDFW.		

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	trigger adaptive changes to management and mitigation management; • an adaptive management framework to be applied, if thresholds are surpassed; and • A three year post-construction monitoring study. The BBCS would be considered a "living document" that articulates the Applicant's commitment to develop and implement a program to increase avian and bat safety and reduce risk. As progress is made through the program or challenges are encountered, the BBCS may be reviewed, modified, and updated. The initial goals of this BBCS are to: • provide a framework to facilitate compliance with federal law protecting avian species and a means to document compliance for regulators and the interested public; • allow the Agent to manage risk to protected bird and bat species in an organized and cost-effective manner; • establish a mechanism for communication between BMSP managers and natural resource regulators (primarily USFWS); • foster a sense of stewardship with BMSP owners, managers, and field engineers; and • articulate and cultivate a culture of wildlife awareness (specifically birds and bats) and the importance of their protection.						
	Biology-8 To mitigate for permanent habitat loss and direct impacts to Mojave fringe-toed lizards the Applicant shall provide compensatory mitigation at a 3:1 ratio, which may include compensation lands purchased in fee or in easement in whole or in part, for impacts to stabilized or partially stabilized desert dune habitat (i.e., dune, sand ramp, or fine-sandy wash habitat). The Mojave fringe-toed lizard occurs within Alternatives 1, 3 and 5 gen-tie corridors and has a high potential to occur within Alternative 4 gen-tie corridor. If compensation lands are acquired, the Applicant shall provide funding for the acquisition in fee title or in easement, initial habitat improvements and long-term maintenance and management of the compensation lands.	The Riverside County Planning Department shall verify if compensation lands are acquired, the Applicant shall provide funding for the acquisition in fee title or in easement, initial habitat improvements and long-term maintenance and management of the compensation lands.	Riverside County Planning Department.	Prior to and during construction.	Riverside County Planning Department.		
	Biology-9 Impacts to areas under jurisdiction of the USACE, Regional Water Quality Control Board (RWQCB), and CDFW shall be avoided as necessary to reduce impacts to less than significant levels. Where avoidance of jurisdictional areas is not necessary to reduce impacts to less than significant levels, including emergency repairs, and access/spur roads within the ephemeral channel, the applicant shall provide the necessary mitigation required as part of wetland permitting. This will include creation, restoration, and/or preservation of suitable jurisdictional habitat along with adequate buffers to protect the function and values of jurisdictional area mitigation. The location(s) of the mitigation will be determined in consultation with the Applicant and the responsible agency(s) as part of the permitting process. A Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) will be developed to summarize all of the various biological mitigation, monitoring, and compliance measures and include measures from the various biological plans and permits developed for BMSP. The BRMIMP shall include the following: 1. All biological resources mitigation, monitoring, and compliance measures outlined in the BMSP Draft EIR/EA; 2. All biological resource mitigation, monitoring and compliance measures required	The Riverside County Planning Department shall verify that the applicant has provided the necessary mitigation required as part of wetland permitting. This will include creation, restoration, and/or preservation of suitable jurisdictional habitat along with adequate buffers to protect the function and values of jurisdictional area mitigation, where avoidance of jurisdictional areas is not feasible. The Riverside County Planning Department shall verify that a BRMIMP is developed.	Riverside County Planning Department, designated biologist.	Prior to and during construction.	Riverside County Planning Department.		

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	in federal agency terms and conditions, such as those provided in the USFWS concurrence letter that the Project is "not likely to incidentally take or otherwise adversely affect" federally listed species (FWS-ERIV-12B0299-12I0497); 3. All biological resource mitigation, monitoring and compliance measures required by the Riverside County, such as those provided in the December 18, 2013 comment letter (DRT-EPD Corrections) on the BMSP Draft EIR/EA No. 529 (CUP 3685); 4. All biological resource mitigation, monitoring and compliance measures outlined in the Burrowing Owl Mitigation and Monitoring Plan and the Bird and Bat Conservation Strategy (the full biological plans will be included in the attachments to the BRMIMP); 5. All locations on a map, at an approved scale, of sensitive biological resource areas subject to disturbance and areas requiring temporary protection and avoidance during construction and operation; 6. Duration for each type of monitoring and a description of monitoring methodologies and frequency; 7. Performance standards to be used to help decide if/when proposed mitigation is or is not successful; and 8. A process for proposing plan modifications to appropriate agencies for review and approval. BMSP shall provide the BRMIMP document at least 60 days prior to start of any Project-related ground disturbing activities to the BLM and the County for review and approval. Implementation of BRMIMP measures will be reported in the monthly compliance reports by the Designated Biologist (i.e., survey results, construction activities that were monitored, species observed).						
Cultural Resources	Cultural-1 The BLM and the County of Riverside shall ensure that any human remains encountered during the course of construction are treated in a respectful manner and consistent with applicable law. No construction activities will be allowed within 100 feet of the discovery site of human remains until a Notice to Proceed is provided by the BLM or the County as appropriate. In the case where human remains are inadvertently uncovered on federal land, the BLM will consult in accordance with 36 CFR 800.13. Reasonable and good faith efforts shall be made by the BLM to identify the appropriate Native American Indian tribes, group(s) and individuals, or other ethnic group(s) and individuals, related to the burial, and consult with them concerning the treatment of the remains. Native American human remains, associated grave goods, or objects of cultural patrimony discovered on federal lands will be treated in accordance with the requirements of NAGPRA. The BLM will direct its consultation regarding Native American human remains to specified federally recognized tribes with cultural affiliation to the project area. The BLM may invite consultation with non-federally recognized tribes, groups and individuals at its discretion. Regarding the disposition of human remains, Native American Concurring Parties will be consulted regarding the removal (if necessary) and reburial of the remains. Tribal elders, Most Likely Descendants and other persons identified by tribes will be consulted to determine what options are acceptable to Native Americans. It is understood that such options will be generally consistent with applicable state and federal laws, depending on jurisdiction. If human remains are discovered on non-federal lands, the County of Riverside shall ensure that the human remains will be treated in accordance California	During construction and operational repair period, discovery of human remains shall result in work stoppage and notification of responsible parties, and subsequent actions shall be identified in the Cultural Resources Management Plan (CRMP) required by Cultural-3.	Riverside County Planning Department Coroner.	During construction and operation.	Riverside County Planning Department Coroner, NAHC (as applicable).		

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		Health and Safety Code Section 7050.5 and any other applicable state law. No construction activities will be allowed within 100 feet of the discovery until a Notice to Proceed is provided by County environmental department lead(s). The County will consult with the California Native American Heritage Commission to seek the advice of the Commission in such matters as determining which tribes, groups and individuals have standing as cultural participants or as Most Likely Descendants. Should any dispute arise the County will request that the NAHC act to mediate the dispute.						
	Cultural-2	The County advocate's avoidance as the preferred choice, and the BLM requires that the development of a discovery plan (see Cultural–3) must occur prior to project construction. If, during ground disturbance activities associated with construction, operation and maintenance, or decommissioning, archaeological sites are discovered that were not identified and evaluated in the archaeological survey reports or the Draft EIR/EA conducted prior to Project approval, and the following procedures shall be followed. 1. All ground disturbance activities within 100 feet of the discovered archaeological resource shall be halted until a meeting is convened between the developer, the Project archaeologist, the Native American tribal representative, the BLM, and (on non-federal land) the County archaeologist to discuss the significance of the find. 2. At the meeting, the significance of the discoveries shall be discussed in consultation with the Native American tribal representative and the Project archaeologist. The BLM alone shall determine the appropriate treatment for cultural resources on BLM-managed lands. The County Archaeologist and the BLM together shall determine the appropriate mitigation (documentation, evaluation, recovery, avoidance, etc.) for cultural resources on private lands. In determining the appropriate treatment on private land, the BLM shall follow requirements of 36 CFR 800.13 for post-review discoveries and the County Archaeologist shall implement CEQA Guidelines Section 15126.4(b) regarding mitigation related to impacts on historical resources and CEQA Guidelines Section 15064.5(c) and 21083.2(g) regarding archaeological resources. 3. Further ground disturbance shall not resume within the area of the discovery until a meeting is convened with the aforementioned parties and a decision is made with the concurrence of the BLM and (on private land) the County Archaeologist as to the appropriate preservation or mitigation measures. The Applicant shall comply with the determinations of the County Archaeologist and BLM.	The Applicant shall notify the County within 24 hours if unknown historic or unique archaeological resources are encountered. The County shall verify that the Applicant has provided contingency funding sufficient to allow for implementation of avoidance measures or appropriate mitigation.	Riverside County Planning Department.	During and post construction.	Riverside County Planning Department.		
	Cultural-3	Prior to obtaining the Project-related grading permit from the County of Riverside, the Applicant shall have the Secretary of the Interior Qualified/County-approved Project Archaeologist prepare and submit for approval to the BLM and the County of Riverside a CRMP. The CRMP shall map all cultural resources within the APE, as described in this Final EIR/EA. The CRMP must conform with BLM Measure #5, #6, #7 and #8 as found in the determination and findings document provided to SHPO dated August 7, 2013 (BLM 2013). The CRMP shall also detail how resources, if any, are determined eligible or resources that are unevaluated but avoided by Project design, would be marked and protected as Environmentally Sensitive Areas during construction. The CRMP shall also map additional areas that are considered to be of high sensitivity for discovery of buried significant	The BLM and Riverside County Planning Department shall verify that the Applicant submitted a CRMP for approval.	Riverside County Planning Department and BLM.	Prior to grading.	Riverside County Planning Department and BLM.		

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		cultural resources, including burials, cremations, or sacred features. The CRMP shall detail provisions for monitoring construction in these high-sensitivity areas. It shall also detail procedures for halting construction, making appropriate notifications to agencies, officials, and Native American tribes, and assessing NRHP and CRHR eligibility in the event that unknown archaeological resources are discovered during construction. For all post-review discoveries, the CRMP shall detail the methods, consultation procedures, and timelines for implementing Mitigation Measures Cultural-1 and Cultural-2. The CRMP shall be presented to all construction personnel, with Native American Participants in attendance, in the form of a worker education program by the Project Archaeologist prior to commencement of groundbreaking. During subsequent Safety Meetings on the job site, the Project Archaeologist and/or his qualified representative shall inform all new construction personnel of the cultural resources issues associated with the Project.						
	Cultural-4	Prior to any ground disturbances within the Project area, the Applicant shall, for a period of at least 60 days, make a good faith effort to enter into a contract with and retain monitors designated by Tribal representatives. This measure must result in and conform with BLM Measure #6 as found in the determination and findings document provided to SHPO dated August 7, 2013 (BLM 2013). These monitors shall be known as the Tribal Participants for this Project. The developer shall notify the appropriate Tribe of all new phases of development. The Tribal Participants shall be required on-site during all construction-related ground-disturbing activities. The developer shall submit the signed contract between the appropriate Tribe and the developer. The Project Archaeologist shall include in the report any concerns or comments the Tribal Participant has regarding the Project and shall include as an appendix any written correspondence or reports prepared by the Tribal Participant.	The Riverside County Planning Department shall verify that the Applicant has retained a monitor designated by the designated by the Tribal representatives or other County-designated Tribe.	Riverside County Planning Department.	Prior to issuance of the first grading permit.	Riverside County Planning Department.		
	Cultural-5	Prior to the final inspection of the first building permit, the Applicant shall prompt the Project Archaeologist to submit one (1) wet-signed hard copy and one (1) CD of a Cultural Resources Monitoring Report that meets BLM Manual requirements and also complies with the current Riverside County Planning Department's requirements for Phase IV Cultural Resource Monitoring Reports. The report shall include documentation of the required cultural/historical sensitivity training for the construction staff held during the pre-grade meeting, which shall include the BLM and County Archaeologist's attendance. The BLM and County Archaeologist shall review the report to determine adequate mitigation compliance. The accepted report shall be submitted to the BLM, County, Eastern Information Center, the Patton Memorial Museum, and interested tribes.	The Riverside County Planning Department shall verify that the Applicant has submitted one (1) wet-signed hard copy and one (1) CD of a Phase IV Cultural Resources Monitoring Report	Riverside County Planning Department.	Prior to issuance of a building permit.	Riverside County Planning Department.		
Geology and Soils	Geology-1	Prior to final design and construction, a site-specific subsurface geotechnical evaluation/report shall be prepared to evaluate the potential ground-shaking hazard, which would meet the requirements of the most recent version of the California Building Code. A state certified Project geologist shall ensure appropriate structural design and mitigation techniques achieve adequate protection according to industry standards and building code requirements.	The Riverside County Planning Department shall verify that the Applicant has conducted a subsurface geotechnical evaluation.	Riverside County Planning Department.	Prior to issuance of a grading or excavation permit.	Riverside County Planning Department.		
	Geology-2	Should future data suggest the presence of active faulting at the Project area, a fault evaluation may be performed. Mitigation of potential fault rupture hazard would typically include locating improvements away from the trace of an active fault, designing structures for an acceptable amount of movement, or	The Riverside County Planning Department shall verify that the Applicant has conducted a fault evaluation may be performed, should future data suggest the presence of active faulting at the Project area.	Riverside County Planning Department.	Prior to issuance of a grading or excavation permit.	Riverside County Planning Department.		

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		implementing systems to maintain safety and that allow for displacement that could be repaired.						
	Geology-3	Removal of loose soil layers shall be replaced with compacted fill or specialized foundation design, including the use of deep foundation systems, to support structures. The septic system shall be placed in soils capable of adequately supporting the septic system as determined by the Project Geologist and in accordance with County requirements specified in the Department of Environmental Health Technical Guidance Manual.	The Applicants shall obtain a septic system permit from the Riverside County Department of Environmental Health Services.	The Riverside County Department of Environmental Health Services.	Prior to installation of the septic system on-site.	The Riverside County Department of Environmental Health Services.		
	Geology-4	Additional hydro-consolidation tests should be performed to verify soil stability during the design stages of the Project. Mitigation recommendations for hydro-consolidation may include removal of the collapsible soil layers and replacement with compacted fill or specialized foundation design including the use of deep foundations systems to support structures.	The Riverside County Planning Department shall verify that the Applicant has conducted additional hydro-consolidation tests to verify soil stability during the design stages of the Project.	Riverside County Planning Department.	Prior to issuance of a grading or excavation permit.	Riverside County Planning Department.		
Hazards and Hazardous Materials	Hazards-1	Prior to issuance of permits for any demolition activity involving the removal of structures that may contain ACM, an asbestos survey and sampling shall be conducted for existing structures. If ACM are present, they shall be abated in compliance with SCAQMD Rule 1403. Additionally, SCAQMD would be notified prior to any structure renovation or demolition pursuant to Rule 1403 (d)(1)(B).	The Riverside County Building and Safety Department shall verify that the Applicant has conducted an asbestos survey and sampling for existing structures.	Riverside County Building and Safety Department.	Prior to issuance of permits for any demolition activity.	Riverside County Building and Safety Department.		
	Hazards-2	Prior to issuance of permits for any demolition activity involving structures that may contain LBP, a LBP assessment of each existing structure shall be conducted. LBP found within the Project area shall be removed and disposed of as a hazardous waste in accordance with all applicable regulations.	The Riverside County Building and Safety Department shall verify that the Applicant has conducted a LBP assessment of each existing structure, for any demolition activity involving structures that may contain LBP.	Riverside County Building and Safety Department.	Prior to issuance of permits for any demolition activity.	Riverside County Building and Safety Department.		
	Hazards-3	Worker Environmental Awareness Program. The Worker Environmental Awareness Program (WEAP) shall include a personal protective equipment (PPE) program, an Emergency Action Plan (EAP), and an Injury and Illness Prevention Program (IIPP) to address health and safety issues associated with normal and unusual (emergency) conditions. Construction-related safety programs and procedures shall include a respiratory protection program, among other things. Construction would be undertaken sequentially in accordance with a Construction Plan that shall include the final design documents, work plan, health and safety plans, permits, project schedule, and operation and maintenance manuals. Construction Plan documents shall relate at least to the following: 1. Environmental health and safety training (including, but not limited, to training on the hazards of Valley Fever, including the symptoms, proper work procedures, how to use PPE, and informing supervisor of suspected symptoms of work-related Valley Fever) 2. Site security measures 3. Site first aid training 4. Construction testing (non-destructive examination, hydro, etc.) requirements 5. Site fire protection and extinguisher maintenance, guidance, and documentation 6. Furnishing and servicing of sanitary facilities records 7. Trash collection and disposal schedule/records	The Riverside County Planning Department shall verify that measures detailed in the WEAP have been implemented.	Riverside County Planning Department.	During construction, decommissioning, and ground disturbing activities.	Riverside County Planning Department.		

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		8. Disposal of hazardous materials and waste guidance in accordance with local, state, and federal regulations						
Hydrology and Water Quality	Hydrology-1	Existing drainage crossings shall be utilized at streams, washes, and irrigation channels to the full extent necessary to reduce impacts to less than significant levels. New access roads not required for ongoing operation and maintenance shall be permanently closed after construction using the most effective and least environmentally damaging methods appropriate to that specific area, with concurrence of the land manager (e.g., stockpiling and replacing topsoil, rock replacement) in a manner that most closely matches undisturbed conditions of the area.	The Riverside County Flood Control District shall verify that the contractor has utilized existing crossings at streams, washes, and irrigation channels. The Riverside County Planning Department shall verify that new access roads not required for ongoing operation and maintenance shall be permanently closed after.	Riverside County Flood Control District.	During construction, decommissioning, and ground disturbing activities.	Riverside County Flood Control District.		
	Hydrology-2	Roads would be built as near as possible to right angles to streams and washes. Culverts would be installed where necessary and sized in accordance with local county regulations. All construction and maintenance activities shall be conducted in a manner that would minimize disturbance to vegetation and drainage channels, including ephemeral stream banks. In addition, road construction would include dust-control measures during construction especially in sensitive areas. All existing roads would be left in a condition equal to or better than their condition prior to the construction of the gen-tie line and other Project components.	The Riverside County Flood Control District shall verify that all construction and maintenance activities by the contractor have been conducted in a manner that would minimize disturbance to vegetation and drainage channels, including ephemeral stream banks.	Riverside County Flood Control District.	During construction and post construction.	Riverside County Flood Control District.		
	Hydrology-3	New impervious areas associated with temporary construction would be restored to existing conditions, including but not limited to revegetation and decompaction, to the full extent necessary to reduce impacts to less than significant levels, after completion of Project construction.	The Riverside County Flood Control District shall verify that new impervious areas associated with temporary construction have been restored to existing conditions.	Riverside County Flood Control District.	During post construction.	Riverside County Flood Control District.		
	Hydrology-4	Stormwater drainage inside substations would be designed to minimize erosion and increase sediment control. Internal runoff would be released from the switching station by means of surface drainage structures designed to filter contaminants from water flow. Drainage from Project area would be collected and controlled by surface improvements, as detailed in the SWPPP.	The Riverside County Flood Control District shall verify that measures detailed in the SWPPP have been implemented and that stormwater drainage inside substations would be designed to minimize erosion and increase sediment control.	Riverside County Flood Control District.	Prior to and during construction.	Riverside County Flood Control District.		
	Hydrology-5	All new buildings (e.g., substation) shall be flood-proofed by constructing the finished floor a minimum of 24 inches above the highest adjacent ground or 100 year water surface elevation, whichever is greater. Slope protection may be required for buildings on fill. Additionally, the solar panels shall have a minimum clearance of 24 inches above the highest adjacent ground when upright to ensure flows are not obstructed.	The Riverside County Flood Control District shall verify that all new buildings (e.g., substation) have been flood-proofed.	Riverside County Flood Control District.	Prior to construction.	Riverside County Flood Control District.		
	Hydrology-6	No flow obstructing fences (chain link, block wall, etc.) shall be constructed along the north and west property lines, since these types of fences obstruct flows causing damage to adjacent properties. Fencing used in these areas shall contain openings of three inches high by six inches wide for first the 18 inches from the bottom, and openings of four inches high by six inches wide for the next eight inches and so forth. This fencing or equivalent shall be provided to allow the free flow of storm or flood runoff. No setback is required with the use of this fencing. A detail of this fencing shall be provided to the County of Riverside.	The Riverside County Planning Department Flood Control District shall verify that proper fencing has been implemented as required by Hydrology-6 of the EIR/EA. The Riverside County Planning Department shall verify the Applicant has provided Riverside County with fencing detail.	Riverside County Flood Control District.	Prior to construction.	Riverside County Flood Control District.		
Noise	Noise-1	Construction shall be prohibited in areas within 0.25 mile (1,320 feet) of residents, between the hours of 6:00 p.m. and 6:00 a.m. during the months of June through September, and the hours of 6:00 p.m. and 7:00 a.m. during the months of	The Riverside County Planning Department shall verify that contractor construction activities do not occur within 0.25 mile (1,320 feet) of residents, from the hours of	Riverside County Planning Department.	During construction, decommissioning, and ground disturbing	Riverside County Planning Department.		

RESOURCE TOPIC	MITIGATION MEASURE		MONITORING METHOD	RESPONSIBLE MONITORING PARTY	MONITORING PHASE	VERIFICATION APPROVAL PARTY	**DATE MITIGATION MEASURE VERIFIED OR IMPLEMENTED**	**COMPLETION REQUIREMENT**
		October through May. During construction, best efforts should be made to locate stockpiling and/or vehicle staging areas as far from existing noise sensitive receptors (residential dwellings) nearest the Project area.	6:00 p.m. and 6:00 a.m. during the months of June through September and hours of 6:00 p.m. and 7:00 a.m. during the months of October through May.		activities.			
	Noise-2	Prior to and during construction, decommissioning, and ground disturbing activities, the Applicant shall provide at least two weeks advance notice of construction and decommissioning. Notices shall be mailed directly to land owners and residents within 2,400 feet of all portions of the Project boundary, and signs shall be posted at the solar facility in areas accessible to the public. Notices shall announce when and where construction would occur; provide tips on reducing noise intrusion (e.g., closing windows facing the planned construction); and provide contact information for the local public liaison for any noise complaints.	The Riverside County Planning Department shall verify that the Applicant has provided at least two weeks' advance notice of construction and decommissioning.	Riverside County Planning Department.	Prior to and during construction, decommissioning, and ground disturbing activities.	Riverside County Planning Department.		
	Noise-3	The Applicant would implement a Hearing Conservation Program and Personal Protective Equipment Program that would provide personal protective devices for specific jobs that would produce excessive noise levels. The Applicant shall comply with the OSHA regulations on occupational noise exposure.	The Riverside County Planning Department shall verify that the Applicant has implemented a Hearing Conservation Program and Personal Protective Equipment Program.	Riverside County Planning Department.	Prior to and during construction, decommissioning, and ground disturbing activities.	Riverside County Planning Department.		
Paleontological Resources	Paleontology-1	Prior to issuing any grading or excavation permits for activities within any area of the Project area, and prior to any Project-related ground-disturbing activities of that area, the Applicant shall implement procedures to monitor, avoid, and/or recover unique paleontological resources discovered during ground-disturbing activities. These procedures, the Paleontological Resources Monitoring and Mitigation Plan (PRMMP), shall be developed by a qualified vertebrate paleontologist and submitted for approval by the County of Riverside for private lands, and the BLM for BLM-managed lands. The PRMMP shall specify how mitigation measures Paleontology-1, Paleontology-2, and Paleontology-3 shall be implemented. This PRMMP shall be consistent with the provisions of CEQA, as well as with regulations currently implemented by the County of Riverside, the BLM and the proposed guidelines of the Society of Vertebrate Paleontology. The PRMMP shall include, but not be limited to: 1. A requirement that, during excavations in areas underlain by geologic units identified as having a high paleontologic sensitivity under Society of Vertebrate Paleontology guidelines (or a PFYC rating of 3b or higher) and likely to contain paleontologic resources, a qualified vertebrate paleontologist, who is a Registered Professional Geologist, shall direct the paleontologic monitoring by a qualified paleontologic monitor. Areas of concern include all previously undisturbed paleontologic sensitive sediments of the fossiliferous Pleistocene Palo Verde Mesa Alluvium. 2. A requirement that paleontologic monitors be equipped to salvage fossils as unearthed to avoid construction delays and to remove samples of sediments likely to contain the remains of small fossil invertebrates and vertebrates. Monitors shall be empowered to temporarily halt or divert equipment to allow removal of abundant or large specimens. 3. Identification of the processes for preparation of recovered specimens to a point of identification. If the paleontologic monitor determines that the resource is unique, it shall be prepared for permanent preservation, including washing of sediments to recover small invertebrates and vertebrates.	The Riverside County Planning Department shall verify that the Applicant has developed a Paleontological Resources Monitoring and Mitigation Plan (PRMMP) by a qualified vertebrate paleontologist for approval to be submitted for approval by the County of Riverside for private lands, and the BLM for BLM-managed lands.	Riverside County Planning Department and BLM.	Prior to issuing any grading or excavation permits.	Riverside County Planning Department and BLM.		

RESOURCE TOPIC	MITIGATION MEASURE		MONITORING METHOD	RESPONSIBLE MONITORING PARTY	MONITORING PHASE	VERIFICATION APPROVAL PARTY	**DATE MITIGATION MEASURE VERIFIED OR IMPLEMENTED**	**COMPLETION REQUIREMENT**
		4. A requirement that a report be prepared documenting all finds with permanent retrievable paleontologic storage for curation of specimens. The paleontologist should have a written repository agreement in hand prior to the initiation of mitigation activities. Mitigation of adverse impacts to unique paleontologic resources is not complete until such curation into an established museum repository has been fully completed and documented. 5. A requirement that a report be prepared documenting all finds with an appended itemized inventory of specimens. The report and inventory, when submitted to the County with respect to private lands, and to the BLM with respect to BLM-managed lands, along with confirmation of the curation of recovered unique paleontological specimens into an established, accredited museum repository, would signify completion of the PRMMP to mitigate impacts to paleontologic resources.						
	Paleontology-2	Prior to issuance of the first grading permit, a worker training program shall be prepared and include information on the recognition of the types of paleontological resources that could be encountered within the Project area and referral of finds to the paleontologic monitor if they are found. This information shall be presented to Project construction personnel and Project operation and maintenance personnel by a qualified professional paleontologist.	The Riverside County Planning Department shall verify that the Applicant has developed a worker training program, which includes information on the recognition of the types of paleontological resources that could be encountered within the Project area and referral of finds to the paleontologic monitor if they are found.	Riverside County Planning Department	Prior to issuance of the first grading permit.	Riverside County Planning Department		
	Paleontology-3	If construction or other Project personnel discover any potential fossils during construction, operation and maintenance, or decommissioning, the fossils shall be left undisturbed and the paleontological monitor shall be notified immediately and shall then take appropriate actions to evaluate the find in accordance with the PRMMP.	During construction, operation and maintenance, or decommissioning discovery of fossils shall result in work stoppage and notification of responsible parties, and subsequent actions shall be identified in the find in accordance with the PRMMP.	Riverside County Planning Department	During construction, decommissioning, and ground disturbing activities.	Riverside County Planning Department		
Traffic and Transportation	Traffic-1	A construction phase Traffic Management Plan would be prepared in consultation with Caltrans and Riverside County for the roadway network potentially affected by construction activities at the Project area and off-site gen-tie line facilities. In order to achieve acceptable LOS, the Traffic Management Plan would include a plan to split the workforce and stagger arrival times during peak construction periods along with a traffic LOS and queue monitoring program, as determined necessary by the County's Transportation Department staff. The plan would be based upon the analysis set forth in the Draft EIR/EA. Carpooling shall also be required of contractor employees during the construction phase to help achieve acceptable LOS levels. In addition to the above-mentioned measures, other approaches could be considered to reduce peak hour traffic, such as requiring contractors to arrange employee busing and/or employee participation in park and ride.	The Riverside County Transportation Department and Caltrans shall verify that the Applicant has prepared a TMP.	Riverside County Planning Department and Caltrans.	Prior to construction.	Riverside County Transportation Department and Caltrans.		
	Traffic-2	The contractor would conduct construction activities in accordance with Caltrans' applicable limitations on vehicle sizes and weights, Construction Excavation Permits obtained from Riverside County, Encroachment Permits from Caltrans, and permits and licenses from the California Highway Patrol and Caltrans for the transport of hazardous substances.	The Riverside County Transportation Department and Caltrans shall verify the contractor has conducted construction activities in accordance with Caltrans' applicable limitations on vehicle sizes and weights.	Riverside County Transportation Department.	During construction, decommissioning, and ground disturbing activities.	Riverside County Transportation Department and Caltrans.		

RESOURCE TOPIC	MITIGATION MEASURE		MONITORING METHOD	RESPONSIBLE MONITORING PARTY	MONITORING PHASE	VERIFICATION APPROVAL PARTY	**DATE MITIGATION MEASURE VERIFIED OR IMPLEMENTED**	**COMPLETION REQUIREMENT**
	Traffic-3	Construction traffic coordination shall be required to address potential cumulative traffic issues associated with concurrent construction of several large projects with large workforces, approximately from 2015 through 2017. The Applicant shall coordinate construction traffic with applicable traffic management (e.g., Caltrans, Riverside County, and City of Blythe) as well as BLM representatives, as determined appropriate and necessary by the listed agencies. The Applicant shall also coordinate construction traffic with other proponents of renewable energy projects in the I-10 corridor. Cumulatively considerable projects shall be identified and the appropriate staggered arrival times or other approaches (such as busing, park and ride, or carpooling) will be prescribed to achieve an acceptable LOS.	The Riverside County Planning Department, Caltrans, BLM, and City of Blythe shall verify that the Applicant has coordinated construction traffic.	Riverside County Planning Department.	During construction, decommissioning, and ground disturbing activities.	Riverside County Planning Department, Caltrans, BLM, and City of Blythe		

APPENDIX R
FAST TRACK AUTHORIZATION

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COUNTY OF RIVERSIDE
EDA
ECONOMIC DEVELOPMENT AGENCY

FAST TRACK AUTHORIZATION

Supervisorial District: 4	Supervisor: John Benoit	FTA No. 2013-10

Company/Developer: Renewable Resource Group **Contact Name:** Rupal Patel

Address: 5700 Wilshire Blvd., Suite 330, Los Angeles CA 90036

Office Phone: (323) 936-9303 **Mobile Phone:** (323) 474-4607 **Email:** rpatel@renewablegroup.com

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Consulting Firm: SunPower Corporation **Contact Name:** Ed Smeloff

Firm Address: 1414 Harbor Way South, Richmond, CA 94804

Office Phone: (510) 260-8437 **Mobile Phone:** (510) 540-0552 **Email:** ed.smeloff@sunpowercorp.com

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Project Type: ☐ Industrial ☐ Commercial ☐ Childcare ☐ Workforce Housing ☒ Renewable Energy ☐ Other

Project Description: The Blythe Mesa Project consists of a 485-megawatt solar photovoltaic electrical generating facility. *Fast Track status granted pursuant to Board of Supervisors Policy B-29*

Economic Impact (estimated) **Capital Investment:** $2,000,000,000 **Full-Time Jobs:** 6

Taxable Sales: N/A **Full-Time Wages per Hour:** $35-40 **Construction Jobs:** 500

Land Use Application(s): ☐ Plot Plan ☒ Conditional Use Permit ☐ Change of Zone ☐ Parcel Map ☐ General Plan Amendment ☐ Other: Public Use Permit

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Site Information **Assessor's Parcel Number(s):** See separate project description

Cross Streets/Address: Blythe Mesa, east of Blythe Airport, west of Neighbors Blvd., north & south of I-10 **Site Acreage:** 3,660

Land Use Designation: Agriculture & RC-EDR **Zoning:** A-1-10,W-2-5, W-2-10, N-A **Building Size:** N/A

The Economic Development Agency acknowledges that the above referenced project merits special consideration of its land use and permit processing by the County of Riverside. County agencies are encouraged to immediately institute "Fast Track" procedures in accordance with Board Fast Track Policy A-32. This authorization contains preliminary project information and serves as a basis for determining "Fast Track" eligibility. During the County's development review process, the proposed project size and configuration may be altered.

Felicia M Flournoy Rob 9/25/13

Felicia Flournoy, Assistant Director **Date** **Rob Moran, EDA Development Manager** **Date**

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APPENDIX S:

- NOTICE OF AVAILABILITY
- NOTICE OF COMPLETION
- PUBLIC MEETING TRANSCRIPT

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RIVERSIDE COUNTY
PLANNING DEPARTMENT

Juan C. Perez
Interim Planning Director

Notice of Availability of the Draft Environmental Impact Report (EIR 529) for the Blythe Mesa Solar Project (CUP 3685)

DATE: June 17, 2014

TO: Agencies, Organizations, and Interested Parties

PROJECT CASE NO. /TITLE: Blythe Mesa Solar Project (EIR No. 529)/Conditional Use Permit 3685*/Public Use Permit No. 913, Development Agreement No. 79, Change of Zone No. 7831, establishment of an agricultural preserve and Williamson Act Contract Agricultural Preserve Case No. 1045 (State Clearing House No. 2011111056) (EA No. 0021)

PROJECT LOCATION: The Blythe Mesa Solar Project (Project) is located in East Riverside County – Palo Verde Area Plan, approximately five miles west of central Blythe and 40 miles east of Desert Center; more specifically, the Project is located north and south of Interstate 10, west of Neighbors Boulevard and Arrowhead Boulevard and south and east of the Blythe Airport (see exhibit entitled *Project Area - Blythe Mesa Solar Project*). The site is located south and east of the community of Nicholls Warm Springs/Mesa Verde APNs 821-110-004, 821-120-025, 821-120-026, 821-120-027, etc. (see attached sheet entitled *Assessors Parcels for Blythe Mesa Solar Project*).

PROJECT DESCRIPTION: Renewable Resources Group (Applicant), proposes to construct the Project, a solar photovoltaic (PV) electrical generating facility of up to 485 megawatt (MW) and 8.4-mile generation-tie line that would together occupy a total of 3,660 acres. A majority of the Project is within the County of Riverside jurisdiction. An approximate 334-acre portion of the 3,660-acre Project site is located within the City of Blythe jurisdiction.

The Project would likely be developed in phases that extend over several years. Pending commencement of each phase of construction, the existing agricultural lands likely would remain in agricultural production. The initial use of the Project site to be permitted under the conditional use permit will be active agricultural production. Agricultural uses are allowed uses under the entire site, but part of the site is not in an agricultural zone. To encourage agricultural use of the site to continue pending construction of solar facilities, approximately 1,249 acres would be rezoned from W-2 and N-A to A-1 (light agricultural), which would make zoning consistent throughout the solar facility. Approximately 1,485 acres, all south of Interstate 10 and representing the land not planned to be developed immediately, would be placed into an agricultural preserve under the Williamson Act. As each portion of the site is developed for solar use, any Williamson Act Contract for that portion of the site and the agricultural preserve would be cancelled. The Draft EIR/EA evaluates a construction schedule that assumes construction of the entire site within a three-year period, to ensure a conservative analysis of the most intense and concentrated construction activities reasonably possible. The information contained in the Draft EIR/EA will be considered by the County when evaluating the Applicant's Conditional Use Permit (CUP No. 3685) and Public Use Permit (PUP No. 913), Development Agreement (DA No. 79), Change of Zone application (CZ No. 7831), establishment of an agricultural preserve and Williamson Act Contract (Agricultural Preserve Case No. 1045), and potential future cancellation of the Williamson Act Contract and Agricultural Preserve. Together, these permits and applications are collectively being considered by the County as the Project. The information in the Draft EIR/EA will also be considered by the Bureau of Land Management (BLM) in its deliberations regarding approval of the right-of-way (ROW) grant, and by other federal, state, and local agencies with regard to their respective permit approvals, if any.

The Draft EIR/EA has been prepared in compliance with the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA); both require consideration of a reasonable range of alternatives to the proposed Project that have the potential to feasibly attain most of the basic objectives of the Project or meet the federal purpose and need. The Draft EIR/EA analyses five alternatives. Alternative 1 (proposed Project) would

consist of a solar array field utilizing single-axis solar PV trackers and panels with a combined maximum height of eight feet. Supporting facilities on-site would include up to three electrical substations, up to two operation and maintenance buildings, inverters, transformers, and associated switchgear. Since most of the site has nearly level to gently sloping topography, no mass grading would be required and the natural drainage patterns of the site would not be significantly altered. The Project site would be secured 24 hours per day by on site private security personnel or remote services with motion-detection cameras. An equestrian-wire, wildlife-friendly and drainage-compatible security fence that meets National Electric Safety Code would be placed around the perimeter of the site. The proposed lighting for the site would be consistent with County building code. A new 8.4 mile long, 230 kilovolt (kV) double-circuit generation-tie transmission line would connect the proposed Project with the approved Colorado River Substation located west of the Project site subject to Public Use Permit (3.6 miles of the generation-tie line are located within the Project site, and 4.8 miles are located off-site within a 125-foot-wide BLM ROW between the Project site and the Colorado River Substation). Under Alternative 2 (No Action/Project), the construction of a solar generating facility and associated infrastructure would not occur. Under Alternative 3 (Northern Alternative), the portion of the 230 kV double-circuit generation-tie transmission line that extends outside of the solar facility site to the Colorado River Substation would be located on the north side of the Alternative 1 generation-tie alignment and within the 125-foot ROW. Under Alternative 4, (Southern Alternative), the 230 kV double-circuit generation-tie transmission line would be located on the south side of the Alternative 1 generation-tie alignment and exit the southwestern portion of the solar array field then extend approximately four miles west to the Colorado River Substation. To facilitate this alignment, an additional 10,000 feet of 230 kV generation-tie line would need to be built within the solar array field extending south from the proposed Substation 3 and angling west to the site boundary. The generation-tie line would continue westerly off-site across 3.4 miles of BLM-managed lands and 0.6 mile of private lands before reaching the Colorado River Substation. The Draft EIR/EA also analyzes Alternative 5 (Reduced Project Alternative), which eliminates development of solar facilities north of Interstate 10. The attached exhibit entitled *Project Area - Blythe Mesa Solar Project* illustrates the proposed Project and the Northern and Southern Alternative 230 kV generation-tie line alignments.

IMPACTS OF THE PROJECT: The analyses in the Draft EIR/EA found that implementation of the proposed Project may result in significant environmental impacts to: Agriculture, Biological Resources, Cultural Resources, Geology and Soils, Hazards and Hazardous Materials, Hydrology and Water Quality, Noise, Paleontological Resources, Traffic and Transportation. As part of the proposed Project, implementation of best management practices would lessen potential impacts by avoiding, minimizing, or reducing/eliminating impacts. In addition, implementation of mitigation measures provided in the Draft EIR/EA would ensure that all potential impacts are less than significant when compared to significance criteria used in the evaluation. No unavoidable significant environmental impacts were identified for the proposed Project.

LEAD AGENCY:
Riverside County Planning Department
4080 Lemon Street, 12th Floor
P.O. Box 1409
Riverside, CA 92502-1409

PROJECT SPONSOR:
Renewable Resources Group
113 S. La Brea Ave., 3rd Floor
Los Angeles, CA 90036

PUBLIC REVIEW PERIOD: The 45-day public review period for the Draft EIR/EA will commence on June 17, 2014 and conclude on August 4, 2014 at 5:00 p.m. Comments on the adequacy of the analysis and the appropriateness of the Project may be made in writing, indicating the section of concern. The Project name and number should be noted on all correspondence and the comments should indicate if you would like to be notified of public hearings. Copies of Project documents, environmental impact report and technical appendices are available upon request.

During the public review period, written and oral comments concerning the scope of the Draft EIR/EA may be directed to:

Riverside County Planning Department
Attn: Mr. Larry Ross, Principal Planner
4080 Lemon Street, 12th Floor
P.O. Box 1409
Riverside, CA 92502-1409

FAX No.: 951-955-1811

Email: lross@rctlma.org

A copy of the document will be available on the Riverside County website at http://planning.rctlma.org/ and on the BLM website at http://www.blm.gov/wo/st/en/prog/energy/renewable_energy/active_renewable_projects.html. The document will also be available for review at the following locations:

Palo Verde Valley District Library 125 West Chanslor Way Blythe, CA 92225	Lake Tamarisk Branch Library 43880 Lake Tamarisk Drive Desert Center, CA 92239	Palo Verde Irrigation District 180 W. 14th Avenue Blythe, CA 92225-2714

PUBLIC INFORMATION MEETING: In addition to offering the opportunity to submit written comments, the County of Riverside will hold a scoping meeting to discuss the proposed Project, environmental process, and provide agency representation, organizations, and interested parties the opportunity to make oral comments regarding the scope of the Draft EIR/EA. The public meeting will be held at the time and location indicated below.

Blythe Mesa Solar Project Public Meeting

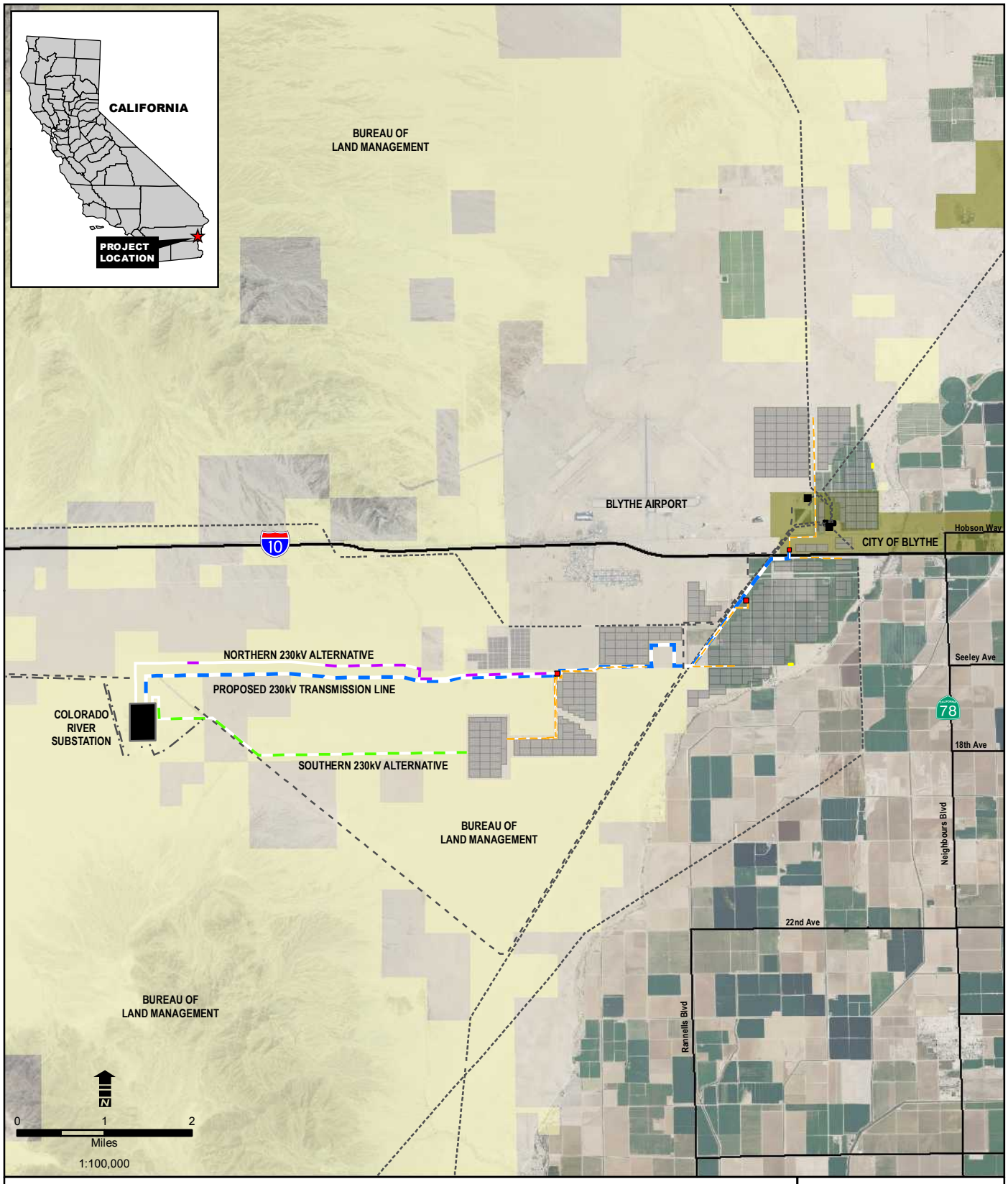
Date: July 10, 2014
Time: 5:00 p.m. to 8:00 p.m.
Location: City of Blythe Multi-Purpose Room
235 North Broadway
Blythe, CA 92225

If you have any questions please contact Larry Ross at (951) 955-9294 or email lross@rctlma.org.

Sincerely,
RIVERSIDE COUNTY PLANNING DEPARTMENT
Juan C. Perez, Interim Planning Director

Larry Ross, Principal Planner

*Previous Case No. CUP 3670; the Project has remained the same.



Legend

Proposed Project

- Blythe Mesa Solar Facility
- Solar Array Location
- Project Substation
- O & M Building
- Proposed Blythe Mesa 230 kV Line
- Proposed Blythe Mesa 34.5 kV Line
- Northern 230kV Alternative
- Southern 230kV Alternative

Existing Transmission Lines

- Existing 138-161 kV Line
- Existing 230 kV Line
- Existing 500 kV Line

Electrical Facilities

- Colorado River Substation

Jurisdiction

- Bureau of Land Management
- City of Blythe

PROJECT AREA

BLYTHE MESA SOLAR PROJECT

POWER ENGINEERS RENEWABLERESOURCESGROUP

Assessors Parcels for Blythe Mesa Solar Project

Assessor's Parcel Numbers for Solar Facility

Riverside County				City of Blythe
821110004	824102015	863040015	863100010	824101014
821120025	824102016	863040017	863100011	824101015
821120026	824130006	863040020	863100012	824101016
821120027	824130007	863040021	863100016	824101017
821120028	863030002	863050004	879090036	824102020
821120029	863030003	863050007	879090037	824102023
821120038	863030004	863050008	879090038	824102024
821120039	863030005	863050009	879090039	824102026
821120040	863030006	863060015	879090040	824102027
821120042	863030007	863060016	879090041	824110035
821120043	863030008	863060017	879090042	824110036
821120044	863030009	863060018	879090043	824110037
821120048	863030010	863070018	879090044	824110038
824080003	863030013	863070019	879090045	824122013
824080005	863030014	863070022	879090048	
824090009	863030015	863100005	879090049	
824090024	863030016	863100006	879090050	
824102013	863030017	863100008	879090051	
824102014	863040001	863100009	879110013	
			879110014	

Assessor's Parcel Numbers for Gen-tie Lines

Alternative 1 (Proposed)		Alternative 3 (Northern)	Alternative 4 (Southern)	
Riverside County	BLM	BLM	BLM	Riverside County
879080013	879080026	879080020	879080022	879080034
879080014	879080027	879080022	879080023	
879080032	879080028	879090033	879080024	
	879090035	879080025	879090033	
	879080024	879090034	879090034	
	879080022	879090031		
	879090033	879080021		
	879090034	879090035		

NOTICE OF COMPLETION & ENVIRONMENTAL TRANSMITTAL FORM

SCH#: 2011111056

Project Title: Blythe Mesa Solar Project
Lead Agency: County of Riverside Planning Dept. Contact Person: Larry Ross
Mailing Address: 4080 Lemon Street, 12th Floor, P.O. Box 1409 Phone: (951) 955-9294
City: Riverside Zip: 92502-1409 County: Riverside

Project Location
County: Riverside City/Community: City of Blythe, CA
Cross Streets: Mesa Drive and Hobson Way (in vicinity) Zip Code: 90245
Assessor's Parcel No(s). See attached list Section 27 Twp: 7S Range: 2W Base: San Bernardino
Latitude/Longitude: 33° 36' 80" North/ 114° 41' 40" West Total Acres: 3,660
Within 2 miles: State Hwy#: Interstate 10 Waterways: N/A
Airports: Blythe Airport Railways: N/A Schools: N/A

Document Type:
CEQA: ☐ NOP ☒ Draft EIR
☐ Early Cons ☐ Supplemental EIR
☐ Neg Dec ☐ Subsequent EIR
☐ Mit Neg Dec ☐ Other _____

NEPA: ☐ NOI ☒ EA ☐ Draft EIS ☐ FONSI

Other: ☒ Joint Document ☐ Final Document ☐ Other _____

Local Action Type:
☐ General Plan Update ☐ Specific Plan ☒ Rezone ☐ Annexation
☐ General Plan Amendment ☐ Master Plan ☐ Prezone ☐ Redevelopment
☐ General Plan Element ☐ Planned Unit Development ☒ Use Permit ☐ Coastal Permit
☐ Community Plan ☐ Site Plan ☐ Land Division (Subdivision, etc.) ☒ Other Development Agreement and Establishment of Agricultural Preserve, CUP 3685

Development Type:
☐ Residential: Units ____ Acres ____
☐ Office: Sq.Ft ____ Acres ____ Employees ____
☐ Commercial: Sq.Ft ____ Acres ____ Employees ____
☐ Industrial: Sq.Ft ____ Acres ____ Employees ____
☐ Educational: ____
☐ Recreational: ____
☐ Water Facilities: Type ____ MGD ____

☐ Transportation: Type ____
☐ Mining: Mineral ____
☒ Power: Type Solar Watts up to 485
☐ Waste Management: Type ____
☐ Hazardous Waste: Type ____
☐ Other: ____

Project Issues That May Have A Significant or Potentially Significant Impact
☒ Aesthetic/Visual ☐ Flood Plain/Flooding ☐ Schools/Universities ☒ Water Quality
☒ Agricultural Land ☐ Forest Land/Fire Hazard ☒ Septic Systems ☒ Water Supply/Groundwater
☒ Air Quality ☒ Geologic/Seismic ☐ Sewer Capacity ☐ Wetland/Riparian
☒ Archaeology/Historical ☐ Minerals ☒ Soil Erosion/Compaction/Grading ☐ Growth Inducing
☒ Biological Resources ☒ Noise ☐ Solid Waste ☒ Land Use
☐ Coastal Zone ☒ Population/Housing Balance ☒ Toxic/Hazardous ☒ Cumulative Effects
☐ Drainage/Absorption ☒ Public Services/Facilities ☒ Traffic/Circulation ☐ Other: ____
☐ Economic/Jobs ☒ Recreation/Parks ☒ Vegetation
☐ Fiscal

Present Land Use/Zoning/General Plan Designation: Active and Inactive Agriculture/Heavy Agricultural, Light Agriculture, Controlled Development/Agriculture and Rural Community

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Project Description ***(use separate sheet if necessary)***: Renewable Resources Group (Applicant), proposes to construct the

Project, a solar photovoltaic (PV) electrical generating facility of up to 485 megawatt (MW) and 8.4-mile generation-tie line that would together occupy a total of 3,660 acres. A majority of the Project is within the County of Riverside jurisdiction. An approximate 334-acre portion of the 3,660-acre Project site is located within the City of Blythe jurisdiction.

The Project would likely be developed in phases that extend over several years. Pending commencement of each phase of construction, the existing agricultural lands likely would remain in agricultural production. The initial use of the Project site to be permitted under the conditional use permit will be active agricultural production. Agricultural uses are allowed uses under the entire site, but part of the site is not in an agricultural zone. To encourage agricultural use of the site to continue pending construction of solar facilities, approximately 1,249 acres would be rezoned from W-2 and N-A to A-1 (light agricultural), which would make zoning consistent throughout the solar facility. Approximately 1,485 acres, all south of Interstate 10 and representing the land not planned to be developed immediately, would be placed into an agricultural preserve under the Williamson Act. As each portion of the site is developed for solar use, any Williamson Act Contract for that portion of the site and the agricultural preserve would be cancelled. The Draft EIR/EA evaluates a construction schedule that assumes construction of the entire site within a three-year period, to ensure a conservative analysis of the most intense and concentrated construction activities reasonably possible. The information contained in the Draft EIR/EA will be considered by the County when evaluating the Applicant's Conditional Use Permit (CUP No. 3685) and Public Use Permit (PUP No. 913), Development Agreement (DA No. 79), Change of Zone application (CZ No. 7831), establishment of an agricultural preserve and Williamson Act Contract (Agricultural Preserve Case No. 1045), and potential future cancellation of the Williamson Act Contract and Agricultural Preserve. Together, these permits and applications are collectively being considered by the County as the Project. The information in the Draft EIR/EA will also be considered by the Bureau of Land Management (BLM) in its deliberations regarding approval of the right-of-way (ROW) grant, and by other federal, state, and local agencies with regard to their respective permit approvals, if any.

The Draft EIR/EA has been prepared in compliance with the California Environmental Quality Act (CEQA) and the National Environmental Policy Act (NEPA); both require consideration of a reasonable range of alternatives to the proposed Project that have the potential to feasibly attain most of the basic objectives of the Project or meet the federal purpose and need. The Draft EIR/EA analyses five alternatives. Alternative 1 (proposed Project) would consist of a solar array field utilizing single-axis solar PV trackers and panels with a combined maximum height of eight feet. Supporting facilities on-site would include up to three electrical substations, up to two operation and maintenance buildings, inverters, transformers, and associated switchgear. Since most of the site has nearly level to gently sloping topography, no mass grading would be required and the natural drainage patterns of the site would not be significantly altered. The Project site would be secured 24 hours per day by on site private security personnel or remote services with motion-detection cameras. An equestrian-wire, wildlife-friendly and drainage-compatible security fence that meets National Electric Safety Code would be placed around the perimeter of the site. The proposed lighting for the site would be consistent with County building code. A new 8.4 mile long, 230 kilovolt (kV) double-circuit generation-tie transmission line would connect the proposed Project with the approved Colorado River Substation located west of the Project site subject to Public Use Permit (3.6 miles of the generation-tie line are located within the Project site, and 4.8 miles are located off-site within a 125-foot-wide BLM ROW between the Project site and the Colorado River Substation). Under Alternative 2 (No Action/Project), the construction of a solar generating facility and associated infrastructure would not occur. Under Alternative 3 (Northern Alternative), the portion of the 230 kV double-circuit generation-tie transmission line that extends outside of the solar facility site to the Colorado River Substation would be located on the north side of the Alternative 1 generation-tie alignment and within the 125-foot ROW. Under Alternative 4, (Southern Alternative), the 230 kV double-circuit generation-tie transmission line would be located on the south side of the Alternative 1 generation-tie alignment and exit the southwestern portion of the solar array field then extend approximately four miles west to the Colorado River Substation. To facilitate this alignment, an additional 10,000 feet of 230 kV generation-tie line would need to be built within the solar array field extending south from the proposed Substation 3 and angling west to the site boundary. The generation-tie line would continue westerly off-site across 3.4 miles of BLM-managed lands and 0.6 mile of private lands before reaching the Colorado River Substation. The Draft EIR/EA also analyzes Alternative 5 (Reduced Project Alternative), which eliminates development of solar facilities north of Interstate 10.

Reviewing Agencies Checklist

(Recommend Clearinghouse distribution by checking appropriate boxes)

- ☒ Air Resources Board
- ☐ Boating/Waterways, Dept. of Calif. Highway Patrol
- ☒ Caltrans District # 8
- ☒ Caltrans Division of Aeronautics
- ☐ Caltrans Planning
- ☐ Coachella Valley Mountains Conservancy
- ☐ Coastal Conservancy
- ☒ Colorado River Board Commission
- ☒ Conservation, Department of
- ☐ Corrections, Department of
- ☐ Delta Protection Commission
- ☐ Education, Dept. of Office of Public School Construction
- ☒ Energy Commission
- ☒ Fish & Game Region #Inland Deserts
- ☒ Food & Agriculture, Department of
- ☐ Forestry & Fire Protection
- ☐ General Services, Department of
- ☐ Office of Historic Preservation
- ☐ Health Services, Department of
- ☐ Housing and Community Development
- ☐ Integrated Waste Management Board
- ☒ Native American Heritage Commission
- ☐ Office of Emergency Services
- ☒ Office of Historic Preservation
- ☒ Parks & Recreation
- ☐ Pesticide Regulation, Department of
- ☒ Public Utilities Commission
- ☐ Reclamation Board
- ☒ Regional WQCB # Colorado River Basin
- ☐ Resources Agency
- ☐ S.F. Bay Conservation & Development Commission
- ☐ San Gabriel & Lower Los Angeles Rivers & Mountains Conservancy
- ☐ San Joaquin River Conservancy
- ☐ Santa Monica Mountains Conservancy
- ☒ State Lands Commission
- ☐ SWRCB: Clean Water Grants
- ☒ SWRCB: Water Quality
- ☐ SWRCB: Water Rights
- ☐ Tahoe Regional Planning Agency
- ☐ Toxic Substances Control, Department of
- ☒ Water Resources, Department of
- ☐ Other: _____
- ☐ Other: _____

Public Review Period (to be filled in by lead agency)

Starting Date: June 17, 2014 Ending Date: August 1, 2014

Lead Agency: Riverside County Planning Department

Consulting Firm POWER Engineers
Address: 731 E. Ball Road, Suite 100
City/State/Zip: Anaheim, CA 92805
Contact: Chris Knopp
Phone: (858) 810-5381

Applicant Renewable Resources Group
Address: 113 S. La Brea Ave., 3rd Floor
City/State/Zip: Los Angeles, CA 90036
Phone: (323) 936-9303; Contact: Rupal Patel

Signature of the Lead Agency Representative [signature] Date: 6/12/14

Envelopes to: State Clearinghouse, P.O. Box 3044, Sacramento, CA 95812-3044
Certified or Fed Ex packages to: State Clearinghouse. 1400 Tenth Street, Suite 222, Sacramento, CA 95814

Revised: 6/12/07
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BUREAU OF LAND MANAGEMENT

IN RE:)
)
BLYTHE MESA SOLAR PROJECT,)
DRAFT EIR/EA PUBLIC MEETING.)
_____)

REPORTER'S TRANSCRIPT OF AUDIOTAPED PROCEEDINGS

Blythe, California

Thursday, July 10, 2014

Reported by:

LAURIE HELD-BIEHL

CA CSR No. 6781

TX CSR No. 8555

RPR/CRR No. 32836

JOB No. 305234

BUREAU OF LAND MANAGEMENT

IN RE:)
)
BLYTHE MESA SOLAR PROJECT,)
DRAFT EIR/EA PUBLIC MEETING.)
_____)

Reporter's Transcript of Audiotaped Proceedings, pages 1 through 72, said proceedings held at 235 North Broadway, Blythe, California, at 5:00 p.m. on Thursday, July 10, 2014, transcribed Wednesday, July 23, 2014, in Orange, California, before LAURIE HELD-BIEHL, California Certified Shorthand Reporter No. 6781, Texas Certified Shorthand Reporter No. 8555, Registered Professional Reporter, Certified Realtime Reporter No. 32836.

APPEARANCES:

FRANK McMENIMEN, Bureau of Land Management
LARRY ROSS, County of Riverside
RUPAL PATEL, Renewable Resources Group

Blythe, California

Thursday, July 10, 2014

5:00 p.m.

MR. McMENIMEN: And good evening everybody. Thank you for coming out. My name is Frank McMenimem. I am the project manager for BLM on the Blythe Mesa Solar Energy Project. And that's why we're having this -- this EIR/EA public meeting, to talk about what you saw in the document, what you didn't see in the document, your concerns, your issues with the document and what's going on on the project.

Tonight we have a couple presentations. I will do a presentation for you on -- on the BLM process and the portion of where we go from here and what is going on.

Larry Ross will be doing the County presentation, he's right over here, on how the County is working in this process, in the EIR process.

RRG, which is the Applicant, by Rupal, will do a presentation of the project itself in detail.

We will have a public comment period. If you need to talk -- if you wish to speak, you need to fill out a speaker card.

A couple things of -- of import; your comments -- there are comment sheets up here to do written comments. All your comments must be provided in writing. We will take notes, we'll do the best we can to have that, but your official comments have to be in writing on one of these forms or sent to us via E-mail.

And later on, I think we have them up here, there are printed sheets with our --

Right there, right there.

-- contact information; so make sure you have one of those. If you want to send us, via E-mail or whatever, that's acceptable, also, your comments for the project.

We do not have a stenographer, we don't do that for -- for this meeting; so it's -- it's how that's going to go.

MR. ROSS: Howard, just as one note. The County, for any public meetings that we have, we record them; so we do have a recording device here and we're recording what's going on, so --

MR. McMENIMEN: So that said, I appreciate that, Larry, speak loudly.

So --

MR. ROSS: We also have our -- our consultant

that will bring the microphone over closer to people that need it.

MR. McMENIMEN: Okay. Cool. Good deal. That --

Good pieces of information.

At this point any questions or any concerns as we go?

We'll see if we can make those --

There we go. If I learn to press the right button.

And first of all, allow me to apologize for not wearing my shirt and tie. I was out in the field today playing in McCoy and the Blythe project, I went up to Rice and came back down, walking around in the dirt. And once I got back in here I was so hot and sweaty, I said if I put a shirt and tie on, I'm going to look pretty bad.

Now, I know Alfredo loves it when I wear my shirt and tie.

Whenever I meet new people or meet someone for the first time, I always wear my shirt and tie. I apologize for that tonight because I'm just cooking to death, it's like, wait a minute; so this is not -- not my deal.

The purpose of the meeting. The purpose of

the meeting is for you to give us your concerns, your understanding, your thoughts on the project, but most importantly on the EIR document as submitted in the web pages, on the State page, on the BLM web page, on the County page.

Where else?

It's in the public library. It's been everywhere. And that is the point -- that is the point of this meeting.

When we have public comments, we will take your comments on issues of concern to you, hopefully addressing the EIR, but again with other comments so we can understand what your concerns are on the project. It gives us an interdisciplinary framework because this is a joint document, a joint decision between the County and BLM.

This is one of those little odd situations that we do; we're all teaming up.

We, as BLM, actually have a lesser role in this particular project because very little of the project is on BLM land. Mostly it's transmission lines. The bulk of the project is on private, previously disturbed properties. It falls under the County's jurisdiction as a whole and from our point of view they are the lead in the document.

We are going to go back, look at it as an EA, an environmental assessment, we'll look at it and determine what our view is of it from there.

Encourages agencies and environments to take factors in account when looking at federal actions. Absolutely necessary.

We, contrary to many beliefs, we do not go into a project and say "This is what we're going to do." We actually encourage the Applicants to come in and say "You better come in with some multiple alternatives on how this project is going to go;" alternate routing, alternate activities, alternate steps.

And we do not make a decision. We put the documents together, we review the environmental impacts, we review the steps of biological, cultural, sociological, dollars-and-cents impacts, what it does to the neighborhood, what it does for jobs. All of those factors are piled together, loaded into a document known as an EA or an EIR or an ES, in a very formal setting, and then evaluated for which is the best alternative.

So there is no prejudgment on the part of the BLM to determine, well, what's it's got to be.

Just because somebody comes in with an

application doesn't mean we're going to say yes. It doesn't mean that it's going to be the best route or the best alternative that is taken.

As required for environmental analysis documents, which include the EIS, which is the formal, if we decide or determine that something should be looked at more closely or there's more information needed, we would say "We need to go to a full EIS process on this," which can take a long time. It is a long, laboring discovery process of documentation and data to put together to go through to -- to formally evaluate a process.

It's very much what the County is doing right now in their EIR process. They are doing that because they are -- they are the ball carrier, if you will, for the project itself. We -- I get -- we have a small part but we will be looking at the whole aspect because for us it is a connected action, so we have to look at it.

Processing and administration. There are regulations in place on how this goes.

Section 43 CFR 2800. Boy, I hate that stuff. It's a book of rules. And it says "This is how you do an environmental impact statement, this is how you put things together." We like government

speak, we put these things together. But this is where you would find the rules and regulations on the EIS/EIR/EA process.

Right-of-way Toolkit Information. General right-of-way if you were -- wanted to go look it up of how the right-of-way is granted, the processes.

Solar right-of-way. Different, again, on how grounds are called out. There are solar energy zones out here. Most of the area on the other side of the mountain here is a solar energy zone designated by Washington DC and so it is identified for solar development.

Land use and planning guide. What can be done and what can't be done. Normally, much more of a County process of what can be placed out there, what can't be placed out there, what you can build.

When you go to the County and say "I need a permit to build a two-story house," you know, "on a 50-foot lot," they kind of look at you and go "Wait a minute, let's have a talk." This is what we're going to refer to. This is what the County has said or -- or how that goes.

So these are the rules and regulations that they have to live by. And if there's an exception, the exception we have to go look for to try and put

together to go around the process, or to change the process. Let's put it that way.

This is the BLM environmental assessment EA process. I'm going to help you out, I'm going to make it simple for you.

Is there a positive or negative effect of the project? If the answer is yes to either case, because you say, well, there -- well, it has to be one or the other. No. Some projects are just there. They don't -- it's agricultural. That's a good thing but it doesn't change the environment.

Does a solar field change the environment positive or negative? Okay. We know that, we know what it can do, we know what it does to the ground already as a whole.

Is there more information that we need to know? Let's go look at it. The answer is yes. Let's take a look at what's going on.

Let's get into more detail. Again, we look at the technical -- the technical -- the technical aspect of it. Is it a solar panel? Is it a trough? Is it gonna be a tower? Is it -- are we -- what's it going to do to the environment? What are the out- -- outstanding effects?

What are the sociological impacts? What are

the economical impacts? How do other things work in the process?

We take all of those things into consideration and then we say "Is the project possible?" Does it make sense?" We actually ask that question, "Does the project make sense for where it is? Can it work?"

We -- we try to predict "Will there be an adverse effect?" If all of those questions answer in a positive way, that there's no -- this is going to sound funny, there's no negative effect greater than what is already anticipated in the environment, is there a positive social effect, does it create jobs, does it help this, will it be successful, does it work, we cannot say there's a finding of no significant impact, which then stops the -- the EA process, that's the end of it, and BLM can go ahead and say "We would recommend the process to go forward in this particular case."

If it comes out and says "Gee, there's horrendous effects, things are terrible, it will adversely effect the water flow, the watershed, it will affect every tortoise in the neighborhood, it will kill every bird in the neighborhood," which are things we look at, we come back and say "you know

what, we have to go over here. We have to do a full EIS."

And again that changes the process. That can take up to 18, 20 months of just study to go back and do, even with the beginning of the EA process.

So that's -- that's BLM's role in this. And we are just at the EA process, reviewing the document that was put out there, again looking for your comments back on that because that's an important part of the process: What do you think, what do you feel, what do you believe, what do you know about the project that is important for us to know that we may or may not have covered.

These are the items that are NEPA -- NEPA process and CEQA process, which is California Environmental Quality Act, that we look at. This is just a series of them. Let's put it this way, aesthetic, and I think we went over there, agriculture, air quality, the same things I just --

These are the things we look at. This is how we determine whether an EA should be -- should be brought out.

I will throw this out at you. One of the -- the main ones for us as this -- becomes traffic and transportation.

Just because you're going to build a field out there, how are you going to get the people out there? There has to be workers out there doing this and how do they get to the site, how do they get back in? I'll -- and I'll give you a --

Desert Center, the road up to Eagle Mountain; heavily trafficked -- heavily traveled with construction workers doing to the Desert Salt Lake Project. We have required them to use buses to truck those people in. You can't -- can't just have everybody driving to the site, it doesn't work. They asked for some work personnel to come on the site to -- to make it up, we said "Great, you have to give us a written report, how many people, how many bodies."

The answer was "Yes, you can hire those people, you can bring them into the site but you need two more buses because they can't drive to the site, they have to park someplace else and come in"; so that's part of what happens in -- in the process.

So that said, are there any questions from the BLM side real quick?

In that case, I'm going to turn it over to you, Larry.

There you go, sir.

MR. ROSS: Once again, I'm Larry Ross, Riverside County Planning.

The County role is a little different than BLM's role. Frank was talking about the EA and whether it's -- whether the project is significant or not. The thing is, at the County level we've already determined it is significant; so we're doing the environmental impact report.

We did a number of those things on that previous list that we believe are -- have the potential to be significant and they need a detailed study and analysis on them.

Now, as far as the County process, we are governed by the California Environmental Quality Act, that's sort of what he was talking about, CEQA.

The intent of CEQA is to inform the decision makers and the public as to all the aspects of the project, make sure that it's down to the very last detail as to what all the potential impacts of the project are.

Now, it's -- some people have the misnomer that it's -- it's trying to save the environment or whatever. No, that's -- that's a misnomer because it actually is an informational document for the decision makers to be able to make the decision.

So that's part of this process here is we're putting this document out and saying "This is the best we think it is," and we're sending it out to the public at large and all the local, state and federal agencies and saying "Okay, this is our understanding of the project and do you have any concerns about it? Is there anything else that we need to add to the document or anything that we might have missed that we need to look into?"

So that's kind of the process right here.

So we do an initial study and that -- that initial study has been done some time ago, several years ago, and that was what determined that there was potential significant impacts. We knew it would be because these are -- it's almost 4000 acres of land being disturbed.

And then we did a Notice of Preparation and Scoping Meeting. Notice of Preparation saying "Hey, we have a project." The Scoping Meeting is basically the same sort of thing but we say "Okay, we're doing this project and we need some input. What do you guys think about it? And we'll" -- "we need information to" -- "to analyze."

Then this is where we are right now. We have the draft EIR and we're sending it out for

public comment; so right now we're in the public comment period, which is outlined here in blue.

The next step would be our response to comments; so we'll respond to all the public agencies, the citizens, private things, like Sierra Club or -- or whatever. Anybody that's interested, we respond to those comments that we receive. And like Frank said we, you know, prefer to get them in written format, that way we can be able to respond to them.

And then once the response comments are done, we send out the re- -- we respond to people that gave us the comments, we do a final ER -- EIR, which is -- is published. And then we take it to public hearing, which is different than the BLM process.

We have our elected officials, our Board of Supervisors. They -- they and their staff look at the project, take public testimony and vote on whether to approve or deny the project based upon the merits and deficiencies of the project, or what the Applicant has proposed before us.

At that point, if they deem it a complete project and that they want it to go forward and for approval, they make a motion for approval, they

certify that the EIR is acceptable and it's approved. If it is denied, that's basically where the process stops because the Board of Supervisors is the final decision-making body in the County. We have a -- a Planning Commission and some administrative things, but the Board of Supervisors is the final action in the County.

So essentially that is the County process. It's very much like you would have at a -- at a city process. And just -- this one is just a little bit bigger because the project is so much bigger so we have a lot more involved.

So -- so as I mentioned before, submit written comments or statements, provide comments at public meetings. And the comment period I was mentioning ends Friday (sic), August 4th.

And this concludes the County portion.

Do we have any questions for County at all?

I'll hand it over to the Applicant.

MS. PATEL: Hi, everyone. My name is Rupal Patel. I work with the Renewable Resources Group and I am the project manager for the Blythe Mesa Solar Project. And we're going to do just a -- a short presentation on the proposed project and get you all familiar with the location as well as the -- the

structures associated with the project.

Just a little information about Renewable Resources Group. Our core business function is really around agricultural land management. And we primarily do agricultural management; in areas where it's appropriate, we have done some solar projects.

In particular, our most recent project was on -- in the Antelope Valley up in the Rosamond/Lancaster area, North LA County, Southern Kern County area. We had a disturbed private -- private land solar development project there. It was privately owned. It was also previously disturbed land, very similar to what we're proposing here out in Blythe. All solar photovoltaic system and it was proximate to a transmission line.

Out there we had owned about 1200 to 5000 acres of land that we had accumulated. It was in agricultural production. Southern California Edison had put up a substation and so we converted that agricultural land over to -- to solar. And this is a very similar path that we're taking out here at Blythe.

And the -- you know, we had some positive press around the -- the project. And had, you know, local support from the environmental groups, you

know, labor groups, the chamber and such.

The Blythe Mesa Solar Project is a 485-megawatt renewable energy project. It's all solar photovoltaic, so that means it's the same technology that you see on roofs out on residential areas and commercial areas.

The -- there are several, you know, environmental economic benefits for -- related to solar development. This one supports clean air and renewable energy policies. I'm sure you're all aware that the State has mandated that all of the private utilities such as Southern California Edison need to acquire renewable energy resources that make up 33 percent of their overall energy mix. And so solar PV, as we call it, is -- is -- it's clean power generation; there's no air or water emissions associated with it.

There is new jobs and business activity and public revenue that -- that come as a result of these projects. And we will be seeking local hiring as part of our commitment to the local community regarding this project.

In terms of the siting of the project, it is on private property. It's got, you know, compatible top- -- topography, which means it's a flat location,

no slope. It's previously disturbed with agricultural activity; so overall we reduce impacts to biological resources and cultural resources and such.

It's proximate to transmission, so the -- Southern California Edison had constructed the Colorado River Substation. I believe it was -- it concluded construction in December of 2012; so when I show you the map you'll see -- if you ever pass through the 10 Freeway, you can see the substation that SCE has built.

We have a gen-tie route from our project to the Southern California Edison Substation. It's a 4-mile track along BLM land. And so all of the solar arrays are going to be on private land within the County of Riverside and it's the transmission line that actually just crosses BL- -- 4 miles of BLM land.

It's also proximate to other infrastructure, I'll show you on a map. There's transmission lines existing through the area. There's a -- the Natural Gas Blythe Energy Center Power Plant and then the 10 Freeway bisects the project.

UNIDENTIFIED FEMALE SPEAKER: My house.

MS. PATEL: So you can see here that the -- the

Colorado River Substation is located near the 10 Freeway. This is on -- everything in red is the -- the private land that the solar array field will be on.

UNIDENTIFIED FEMALE SPEAKER: And my house.

MS. PATEL: And your house.

And the -- there's an existing First Solar solar project out here right now. The Blythe Airport.

This is the Mesa Verde residential community right here. This is Hobsonway here.

There's the Blythe Energy Plant that is located right here. And this green area is actually the City of Blythe's jurisdiction.

The gray area is all the County. And then this brownish area is the BLM land.

So you'll see the transmission route that we propose comes from --

There's 34-KV lines that will run here proximate -- like some I guess adjacent -- parallel to an existing 161-kilovolt line. And then we run it down to here. This is a 230-kilovolt line that will go around and out to the substation.

And you'll see there is existing, you know, 230-kilovolt lines that are running through the site

currently.

And right now this is all in -- in citrus and this is all in alfalfa care. And the rest of it is all planted in winter wheat. This is a fallow alfalfa field here.

UNIDENTIFIED FEMALE SPEAKER: That doesn't make for a very nice view.

MS. PATEL: The key project comments here are solar -- there's a solar PV array field, as I mentioned, similar to what's -- located -- the panels that are located on -- on homes and schools and such.

We talked about the 34-KV lines that will run north and south above the 10 Freeway parallel to the 161-KV lines already there.

There are three substations, they're about 300-feet-by-300-feet large. There's two O& -- operations and maintenance buildings, they're each approximately 3500 square feet.

And there's going to be two primary access roads that will take all the construction traffic to -- through Seeley, was identified as the first, and Riverside Avenue on the north side of the 10 Freeway.

And then we'll have a double-circuit transmission line. It's 8.4 miles in total; so

4 miles on BLM land and 4.4 miles located on the private land within Riverside County.

This is a site plan so you'll see these -- the little boxes make up the solar blocks that contain the panels. And again, the purple you'll see is the 34-KV line that is parallel to the 161 here.

There's a -- the natural gas plant is, again, located here.

This is where we propose a substation north of the 10 Freeway, just adjacent to it.

Up here is Riverside Drive and just north of Riverside Drive is where we're going to propose the operations and maintenance building.

Then if you cross the freeway, we're going to start our 230-KV line and that's in red here. It will cross the 10 Freeway and come down around and out to the substation.

You'll see there's another 34-KV line that's going to be proposed here. There's a substation here and another substation here and an operations and maintenance building right off of Seeley Avenue.

UNIDENTIFIED MALE SPEAKER: So you've got to put another power line in?

MS. PATEL: Yes. This is --

The red and the purple are the new power lines that are being put in.

UNIDENTIFIED MALE SPEAKER: The new power line?

MS. PATEL: Yes.

UNIDENTIFIED FEMALE SPEAKER: Does it go over your house?

MS. PATEL: And this is like --

UNIDENTIFIED MALE SPEAKER: Wanna buy me out?

MS. PATEL: This is an existing 230-KV line; so the 230-KV line that we propose will run parallel to the existing line. And -- and this -- this part will be in --

And this part here is on the BLM land -- land. We tried to co-locate it in a corridor where they allow transmission systems to run through and there's other proposed transmission lines as well. I think McCoy runs --

MR. McMENIMEN: Yes, McCoy.

MS. PATEL: -- that way.

MR. McMENIMEN: Yeah, McCoy/Blythe.

MS. PATEL: Yeah, Blythe.

MR. ROSS: (Unintelligible) also comes down that way.

MS. PATEL: And this is just a -- sort of a closer-up view of the -- of the transmission lines

that will run out across BLM land and out to the Colorado River Substation.

As Frank mentioned earlier, we are asked to evaluate alternatives within the environmental documents. And so we have the proposed line here in red, which is where -- which is what we proposed as the connection point off of our site to the Colorado River. We've also proposed a northern alternative that goes on the north side and a southern alternative that comes down across the BLM land this way.

This, again, is the First -- existing First Solar solar array site that's here. And the Mesa Verde residences up there. And the Blythe Airport north of the --

UNIDENTIFIED MALE SPEAKER: Can you move that map a little bit to your left?

MS. PATEL: A little bit to my --

UNIDENTIFIED MALE SPEAKER: Or go back to the other map.

MS. PATEL: There's --

MR. McMENIMEN: Yes, go --

MS. PATEL: I'm sorry?

MR. McMENIMEN: Go back -- go back two slides. Go back one more.

UNIDENTIFIED MALE SPEAKER: Yeah, there would you go.

Okay. So Mesa Verde --

Show me Mesa Verde.

MS. PATEL: Right here.

UNIDENTIFIED MALE SPEAKER: That's right there.

UNIDENTIFIED MALE SPEAKER: Okay.

UNIDENTIFIED MALE SPEAKER: And you keep -- and you keep going until -- this way and that's where we're at, we're right in between here.

MR. McMENIMEN: I'm not sure what you're saying.

MS. PATEL: Okay.

UNIDENTIFIED FEMALE SPEAKER: Good point.

UNIDENTIFIED MALE SPEAKER: Our -- our property is right there.

UNIDENTIFIED MALE SPEAKER: We're right here --

UNIDENTIFIED MALE SPEAKER: Go to your right more.

MS. PATEL: On Hobsonway.

UNIDENTIFIED MALE SPEAKER: We're right --

MR. McMENIMEN: Okay.

UNIDENTIFIED MALE SPEAKER: We're right there --

MR. McMENIMEN: Okay. I'm going to ask you to hold your comments and -- we'll go ahead and --

Yes, we'll get into this. We'll come back

to this. Okay?

UNIDENTIFIED MALE SPEAKER: I just wanted to show her.

MR. McMENIMEN: But I appreciate that.

Thank you.

MS. PATEL: Our approach in terms of developing solar projects is to -- is a light-on-land approach, which means that we min- -- try to minimize land disturbance as much as possible; so because -- we sort of are very -- we purposely site our projects on previously disturbed land that's flat so that we don't have to come in and do mass grading; so there won't be a -- a big dust storm that happens as a result.

So because it's flat and previously disturbed, we do not have to do any mass grading. You know, you just come in, you drive the piles into the ground, you -- the panel is on top and -- and that's sort of the extent of the disturbance that -- that occurs, you know, with the trucks coming through the roads and such aside from that.

There are --

As I mentioned, there's the steel piers that support the solar panels that go right into the ground. And the technology arrives ready to assemble

and install right to the site; so there isn't any massive assembly or anything happening outside.

It's safe and quiet during operations. There's no air or water emissions. There's no heavy machinery or turbines that are operating at the time.

There's very minimal water use for the site. You use more water during construction just to suppress the dust than you do to actually operate the system. You don't -- we don't require any water to operate the system, just to clean the panels.

There's going to be 24-hour security for the site. And there's wildlife-friendly fencing proposed so that the critters can -- can run through.

In terms of the environmental review process, the project is being reviewed under CEQA and NEPA, as Larry and Frank have described earlier. The public comment is actually August 4th, that was a mistake, but --

So August 4th is the final public comment deadline.

And the comments on the draft should be submitted to Larry and Frank at the -- at the Riverside BLM. And the contact information is up there.

MR. McMENIMEN: And again, we have -- we have

the handouts --

MS. PATEL: Yeah.

MR. McMENIMEN: -- up here to take with you so you have the comments, where to put them in place.

MS. PATEL: And then this is our contact information at Renewable Resources Group.

And just a reminder that the comments should be directed to the public agencies in terms of, like, contacting them.

Thank you. I appreciate your time.

MR. McMENIMEN: Thank you.

Okay. The -- the -- the question on everybody's mind is where -- where do we fit in all this, and we'll go back for a second to this slide; so we'll keep that up here during our comments so everybody is aware of what this is.

One of the things that -- that Rupal pointed out is there -- this indicates here's -- here's one route and tell me -- tell me if I'm saying this wrong. It's still an alternative to come down another way to come -- come over here and come out the bottom, which is an alternative to be developed or reviewed. That's why we have these comment periods, for you to give us your opinions, what you think, what you're feeling about it, how it impacts

you. Those are the statements we need.

I would admonish you, if I may, if you write a comment, please don't say "I don't like the project." We actually need something else a little bit more than that to say "I don't like it because it effects this or does this," or "Did you take this into consideration?"

That said, I'm going to ask you to make sure you've read the document before you -- you come out to say --

This is how it's put together. There is a lot of time put together to make this work, to come up with alternatives, to look at actions, and for you then to comment on; so that's -- that's a really important part. So as you do that, please make sure you do.

Again, the comment cards are up here to take. Just put -- fold them back up, put a stamp on them and send them in. We'll go that --

At this point are there any comments on what you've seen so far before we get into the -- the comment period here?

UNIDENTIFIED MALE SPEAKER: Well, I don't like the view.

MR. McMENIMEN: I'll leave.

UNIDENTIFIED MALE SPEAKER: I'm right --

We're right in the middle of it because I already have one power line going through my property now. And so I'm going to look at -- at this on both sides of the freeway out of my house; so my view's shot to hell.

MR. McMENIMEN: And that's a comment you need to give us. That's exactly what you need to say. That -- that would be appreciated --

UNIDENTIFIED MALE SPEAKER: Thank you.

MR. McMENIMEN: -- because that becomes important to say, what is this going to do?

Do we say there's another way that --

We have to look at the other route? Or we say -- because it is possible --

UNIDENTIFIED MALE SPEAKER: Right.

MR. McMENIMEN: None of this is decided, it's all in the works, but we have to know what the concerns are.

UNIDENTIFIED MALE SPEAKER: Because that little light white square by the transmission line, that's us.

MR. McMENIMEN: That one?

UNIDENTIFIED MALE SPEAKER: Well, actually a little that way.

MR. McMENIMEN: There you go. Okay.

UNIDENTIFIED MALE SPEAKER: One line already goes through my property.

MR. McMENIMEN: Okay. If I may, if anybody else wishes to speak --

I have four people that have signed up speaker cards; if anybody else wishes to speak I need you to fill out a speaker card up here and put that together and I'll --

If I can, what I can do is I'll -- I'll give you five minutes to -- to speak. We'll do that and call you up.

Art Wilson. Please.

There you are. Hello, Art.

MR. WILSON: Thank you.

MR. McMENIMEN: You can come up here if you want to speak to the crowd or whatever way you would like to do it, sir. Whatever -- whatever you -- makes it comfortable.

MR. WILSON: I can talk from right here.

I'm the author of "Runways in the Sand," which is the history of Blythe Army Airbase in World War II. And so I'm interested in the cultural artifacts that remain at Blythe Army Airbase.

And I understand that this is only a portion

of the old base, but it does have a couple of cultural resources of World War II buildings which is identified in the environmental impact report and then another small structure related to the hospital that isn't mentioned.

So I'm wondering, they were found -- the cultural resources were found to be insignificant in the environmental impact report.

MR. McMENIMEN: Okay.

MR. WILSON: Okay. So if the -- if the -- during construction they encounter these cultural artifacts, are they -- or discover new ones, can they just willy-nilly run a bulldozer right through everything and reduce it down to --

MR. McMENIMEN: No. In fact, I'll take that off the top.

The answer is no, they cannot. There are a number of things in place. There are County regulations. There are also very specific BLM regulations.

Because it's an associated action there are agreements that have to be made with the tribes, with the Monitoring -- what's called the Monitoring and Discovery Plan for Cultural Features that -- and they have to have monitors onsite, architectural monitors,

cultural monitors, that are required to be there during any ground-disturbing activity. And as things are discovered, stop work. You stop right there and then the archeologists get involved and the cultural people get involved to determine what is that find, what happens.

Now, there turn into a number of -- of odd rules that -- that come with that because it's -- is it just an architectural find or a -- a general sociological find, let's put it that way, then that is excavated and depending upon what it is, recovered and curated. It doesn't just go away.

If it's a Native American find, there are other rules that fall into place based upon their discovery plan of what has to happen to those things. In many cases they have to be reinterred right where they are; you cannot disturb them, you cannot take them out, they have to be reburied right there.

If they've been completely removed, dug up and taken out of the site, other things have to happen to them. There are other rules that -- that take place.

UNIDENTIFIED MALE SPEAKER: Well, does that include private land also?

MR. McMENIMEN: Well, there is a --

UNIDENTIFIED MALE SPEAKER: Or just BLM land?

MR. McMENIMEN: There's a negotiation that has to take place prior to anything going on, cultural monitors, everything else, even on private land.

Yeah, so there are things that have to go on. The rules still apply.

MR. WILSON: Okay.

MR. McMENIMEN: Because it also falls into state law and federal law on what happens.

Okay. Yes, sir. I'm sorry. Does that answer your question?

MR. WILSON: Well, partially.

MR. McMENIMEN: Okay.

MR. WILSON: In the environmental impact report --

MR. McMENIMEN: Right.

MR. WILSON: -- it identifies a World War II structure.

MR. McMENIMEN: Okay.

MR. WILSON: -- and misses in my view something else.

Is there some way to call attention to what I think should be considered --

MR. McMENIMEN: In the comments --

MR. WILSON: -- considered artifact?

MR. McMENIMEN: In the comment report, in big bold letters put it out there and say "You missed this."

MR. WILSON: Okay.

MR. McMENIMEN: No problem. That -- that would be appreciated.

MR. WILSON: And the reason we're sure is that somebody --

MR. McMENIMEN: I can -- I can assure you you will get an answer.

Will I be able to identify for you whether or not we actually missed it, whether it was said that it was -- it was found to be there but not culturally significant or something else and the reason why. There are multiple categories of what happens, too; so --

But you will get an answer to that to say, yes, we acknowledge that you -- one, you told us, two, we acknowledge that it is there, here's what it is --

MR. WILSON: Okay.

MR. McMENIMEN: -- according to the standards, if that's okay.

MR. WILSON: Thank you.

MR. McMENIMEN: Thank you, sir.

Jesus Rivera, please.

MR. RIVERA: Is it possible for me to speak last please? Can I speak last?

MR. McMENIMEN: Yes. I'll tell you why in a minute. I'll tell you why in a minute. You'll appreciate that.

Patricia Pinon, please.

How you doing? Would you like to come up here? Great. Thank you.

MS. PINON: You can time me because I don't have a watch.

MR. McMENIMEN: I gotcha.

MS. PINON: Hello, my name is Patricia Pinon. I am the chairman of the La Cuna de Aztlan Sacred Sites Protection Circle. Born and raised in Blythe. And I'd like to start off with a -- just a little parallel.

I have been here before. And I just watched "The Edge of Tomorrow"; so a little spoiler alert if you've not seen that movie yet. But Tom Cruise dies and then comes back to life again and is back at the same place where he started. And then he dies again in his journey and then he's back to the same place where he started.

MR. McMENIMEN: And may I jump in at you?

If you don't like Tom Cruise, it's a great movie to watch him get beaten all the time.

MS. PINON: I really was unsure what the objective was of that movie.

But as you watch him, you know, resurrect several times, numerous times from the dead, you catch on that there is a goal, there is a goal that he is supposed to achieve. He doesn't find out that goal, and I'm not going to tell you what that goal is, you'll have to go see it for yourself, but I found out after numerous times of being here, you know, at this same place with another project, with a different name, Genesis, Palen/McCoy, Blythe, I could go on and on, numerous solar projects, but I have been here, so -- but --

And now I realize that my goal, after having been in this same place so many times, is to slow down the assault on our land, to slow down the assault by the Renewable Resources and by the -- the mega solar power plant, by the corporations and by the big money and by the government to just, you know, put these solar panels wherever there is an inch of land, regardless of what the sacred or cultural resources there are.

And I -- just speaking on behalf of just

people, children, this area, Blythe, the Valley of Blythe, has the highest incidence of cancer. This incidence of cancer is due to massive pesticides and dust pollution. We have seen numerous projects being implemented already. And on dusty days, and, boy, they are coming more often than ever, we see dust gusts. And it's just incredible pollution that is being im- -- impacted by the residents of the -- the Valley.

Also, the high incidence of asthma among children. Look it up.

The Riverside County, the east end of Riverside County has a high incidence of asthma among kids and high incidence of cancer; so those are my main concerns.

And then just opening up the newspaper this morning, the government -- the governor has proposed a drought conservation movement on the California residents. And so we have to conserve water.

I know that this area is farmland and that -- I see the trees, they're horrendous. This orchard where this would be proposed, the orchards have been dried up, just totally dried up. They're waiting for a match to snap in there and cause a huge fire.

Okay, whose idea was this? I don't know. But I do know, and I'm just your average person, that this is a fire hazard. It's dangerous to the residents that live around. It's just like, you know, waiting for something to happen.

So I -- I --

That is my concern as -- as a resident.

I'm also -- I'm a -- I'm a person who is for renewable energy. I understand we don't want to continue mining coal, I do understand that. But I do know that there are other places where these solar power plants can be built that are not so close by to an area that's already at a disadvantage. I mean, we don't have water. We -- we have a pollution problem already; the water quality of life is terrible. And --

But because we're the stepchild of Riverside County, sorry, we don't get the attention because we don't have that many votes. Our politics -- our political voice is minimal. Who cares?

But we can, with -- as a part of the Mesa Verde Community, stand up and -- and put our foot down and say "Wait a minute, this is way too close, this is right in our backyard," as the gentleman says.

So --

And -- and I believe that yes, we do need to promote renewable resources but we need to do it somewhere else where it's just -- where the land isn't disturbed, where there really aren't communities so close.

So I will end with saying, you know, let's look at the environmental injustice angle of this. This is an environmental injustice issue and I think we all need to pursue it in that way.

I -- I feel that as we go on to develop renewable resources we need to be wise, and I've said this before. We are all intelligent people. We know that there will be lots of dust, there will be high traffic with diesel trucks coming in and pulling out and coming in and -- so we know the facts about what the impact will be, this is not a mystery.

So let's address those issues one by one and take it apart. And maybe we don't want this Blythe Mesa Solar Power Plant at all.

Thank you.

MR. McMENIMEN: Okay. Thank you.

UNIDENTIFIED MALE SPEAKER: Beyond the trees, you mean the trees right on the orchard, gonna start drying them up.

MR. McMENIMEN: Alfredo, did I -- did I hear a giant groan there? Did I hear a giant groan? Was that you?

MR. FIGUEROA: That was me.

MR. McMENIMEN: You don't get to do that.

MR. FIGUEROA: Oh, well.

You know, this -- give me -- this is ridiculous and we're just playing the same game all the time.

We know that all of these sites that we're talking about for the solar projects are all connected. All these sites are connected. We cannot just say "Okay, we're going to avoid this site, we're going to" --

Now, the Mesa -- Mesa Verde -- that --

MR. McMENIMEN: Blythe Mesa.

MR. FIGUEROA: Yeah, right here.

MR. McMENIMEN: Blythe Mesa.

MR. FIGUEROA: Blythe Mesa Project.

So, you know, they just -- they say you want to bring jobs. There may be some guys here from unions.

But anyway, jobs, you know what they did? They destroyed 250 jobs there when they destroyed the orchard. That's the same thing they did over there

in the northern part of where they had the natural gas line with the -- for the Light & Power; they destroyed 1500 acres and they unemployed 550 workers.

You know how long we did to organize those people in the union? You know how long we worked for 5 dollars a week with the United Farm Workers to have those workers working there to get a decent job? And now you go and destroyed it just for the water rights. My land, my land.

You know, the last time that we stopped a power plant, all of us together, it was down at -- at the Rio Mesa, down at the Mule Mountains. Why? Because it was so sacred. And -- but they say they found some mammoth bones.

But no, we know what "Hamock Avi" means. We know what the Mule Mountains means to us. We know where the word "Calli," California, came from. California, "Fornax," the hot place. Just go outside, you know it's hot, that's why it's called "California" because those place --

So it's all together, with Tamoanchan, which is where cosmos meets earth, with the Big Eagle right here, with the Blind Man right there, that we call Quetzalcoatl. And the rest of the crowd just call him "The Blind Man" and other names like that. But

this is very sacred areas.

Right now it's very devastating. I hate to go out there and see Kokopilli and Cicimitl, the Temple, the -- the descending of the Spirit coming down from the mountain. And yet, we are here playing games.

Guys, I'm glad this historian is here so you can understand what all these --

And any time you want to make an arrangement with me -- with us, go ahead and I'll take you to these sites and I'll explain to you how they refer on the codices, on the oral history that we have, a lot of oral history -- a lot of oral -- people here that are gonna talk about these -- the oral history here. We have these facts.

You don't believe me? Just go right out here and the wall here has the (unintelligible) because the (unintelligible) are the centerpiece of -- part of the creation.

So I know that we're waiting for somebody to show up or whatever. But no, this is it, the time has come. That's why all this that we have said, we're not just -- we can prove it with facts, that's why I'd like for you to say "Don't say this and that."

Like what's his name used to say. Remember his name was -- the -- the "Dragnet," Joe Friday. "Ma'am," Patel, "please stick to the facts. Just the facts."

So that's what we do.

We're not here and we haven't filed suit before.

We filed suit why? Because we had the facts to substantiate it. Now it's the federal government or the -- the -- the -- the -- the other District 9.

MR. McMENIMEN: The judiciary.

MR. FIGUEROA: What's that?

MR. McMENIMEN: The judiciary.

MR. FIGUEROA: What?

MR. McMENIMEN: No, no, no.

It was the -- it was the judiciary.

Keep on going.

MR. FIGUEROA: Excuse me. I didn't hear you.

MR. McMENIMEN: It was the judiciary.

MALE SPEAKER: Yes. Judiciary.

MR. McMENIMEN: That's the ones. Yes.

MR. FIGUEROA: I'm not an attorney.

I'm just a guy -- I'm the monitor for the Chemeheuvi Tribe for Sacred Sites; so we need to get off the Greyhound bus.

And I'm a union man, 100 percent. Worked ten years for Cesar Chavez for 5 dollars a week, 5 dollars a week. And now you go and destroy the orchards? My land. You know what I mean?

So it's a -- it's very devastating.

We need for people to cooperate. We need those solar power projects on top of the rooftops. We need solar power.

We didn't protest this one right here. Why? Because that's okay; you know what I mean? What's 20 acres, no big deal.

But when you put these thousands and thousands of acres, the McCoy, plus the -- the -- the -- the Blythe solar, 15,000 acres they started with my lands. And you seen the whole report that they made; at first it was 150,000 acres in the I-10 Corridor Eastern Riverside County. Ho ho ho.

You know, you can even see Ivanpah from my -- from -- when you see it on the -- on the Google, you can see Ivanpah. And right now Ivanpah is really -- they're having a big problem with all the -- the air bases there -- around there. Now they're complaining.

Likewise, the Blythe Airport, the FAA, they'll have their -- their complaint because right

now just the natural gas lines there has caused a lot of the deviation there from the airplanes when they take off and when they're landing.

So a very good friend of mine there, Pat Wolf, the guy that used to have that place, he says it's just bad. And the Blythe Airport was made and it's now been projected to have -- to be in case, you know, they call the terrorists, but I'll tell you who the terrorists are, they say the terrorists should destroy Los Angeles Airport, why they're going to come into this airport.

Well, they can't land in this airport? My lands. Where they going to go?

You see, all this is -- all this is wrong.

So we're going to continue being here. I was born just right across the street, right there on Spring Street, my mother across the river, my grandmother, great grandmother.

So you know --

Okay. Son of a --

See, I -- I like that. Show me that one.

You see this? I'm glad he did it. This means -- this means Tamoanchan, the cosmos descend to Mother Earth, it's like the hourglass, and we can prove it to you.

Thank you for having this.

MR. McMENIMEN: And you're thinking I haven't learned something from you?

MR. FIGUEROA: Thank you very much.

Okay. Thank you all. Thank you very much.

UNIDENTIFIED MALE SPEAKER: You know on the orchard, the reason why the orchard ain't no more?

MR. FIGUEROA: What's that?

UNIDENTIFIED MALE SPEAKER: The orchard out there, the guy couldn't pay the bill, it was 10 million dollars.

MR. FIGUEROA: Is that right?

UNIDENTIFIED MALE SPEAKER: He couldn't pay the bill, he owed 10 million dollars.

MR. McMENIMEN: Jesus Rivera.

MR. RIVERA: So I'm the last one?

MR. McMENIMEN: You're the last one.

MR. RIVERA: Wow. Okay, again --

MR. McMENIMEN: We'll fix that first thing.

MR. RIVERA: Okay. My name is Jesus Rivera and the reason I'm here is because a long time ago, about 18 years ago, I decided I was going to retire right here. That's where I was going to retire, build a home, overlook the Valley. Very beautiful here. But then they said they wanted to do a solar panel

project, 40,000 acres. And I -- I didn't know there was so much controversy against it.

I spent one year in Iraq, Afghanistan, Kuwait, away from my wife. And all I can say is I was there because national interests, right? Can anybody tell me what that means, "national interests"? What interests do we have in the -- in the Middle East right now? Oil.

UNIDENTIFIED MALE SPEAKER: Yes.

MR. RIVERA: Now they're trying to put solar panels, which I think is the solution to the oil crisis, I'm for it. I seen men dying. Oil. But yet they're saying 40,000 acres that they could maybe cure this.

My understanding is that a 50-square-mile of desert can handle California's power needs forever, no more need to send troops over there.

Right now me and my wife might get divorced because I was away for a year. I seen a lot of men come back divorced before they even got to the States; so it is an emotional issue for me.

But again, I'm also Hispanic; so I have to sympathize with you. I believe there's some big -- something you can see from space out there, right, a big 'ol -- I seen it. I mean, I -- I used the

government satellite to look at it, some kind of big ol' design, right? So I -- so I'm kind of torn: Do I allow them to build on my land, do I allow them to run power lines or do I say you know what, it's better if you do something else?

So that's why I'm here to speak. And I'm glad I did because I got to --

I know you kept yelling at me when you said "union" but I'm going to let you know that I belong to a union.

UNIDENTIFIED MALE SPEAKER: That's the way I talk.

UNIDENTIFIED FEMALE SPEAKER: That's the way he talks.

MR. RIVERA: Okay. I got my union card right here.

UNIDENTIFIED MALE SPEAKER: That's the --

You have to talk loud to --

MR. RIVERA: Okay. I got my union card right here and I've been on strike.

UNIDENTIFIED MALE SPEAKER: I got mine too. I got mine too, right here.

MR. RIVERA: Okay. So I thank you for your time. I have nothing more to say than yeah, I -- I'm broke. I'm going.

But do we continue? Again, I'll just leave it at that.

So I want to thank you for letting me speak.

MR. McMENIMEN: Thank you.

If I may ask a question.

MR. RIVERA: Go ahead.

MR. McMENIMEN: You had a concern that there was an issue, and just so it comes out on the table --

MR. RIVERA: Okay.

MR. McMENIMEN: -- where this power line was coming down and going around?

MR. RIVERA: Correct. This --

MR. McMENIMEN: Okay. And I did -- I didn't understand; so if you could --

Because I want them to hear it, I want the Applicant to hear it so you know what -- what that issue is, of where it was.

MR. RIVERA: So that's bordering my property.

Currently there is poles here but then I figured I would maybe come over here but now there's poles here; so I don't know. That was my major concern, if I was going to retain the land for personal use, so --

But it's real emotional and it gets pretty heated.

So thanks again for giving me historical insight.

MR. McMENIMEN: Thank you.

MR. RIVERA: And I'm glad you're drying up those trees because they're looking ugly out there.

MR. McMENIMEN: Thank you.

UNIDENTIFIED MALE SPEAKER: They tore up 13,000 of them and they're going to start drying them on Monday.

MR. RIVERA: Okay.

MR. McMENIMEN: And then we have --

UNIDENTIFIED MALE SPEAKER: There's only 180,000.

MR. McMENIMEN: And I have one more speaker.

David Harper.

MR. HARPER: My name is Dave Harper, I'm with the Colorado River Indian Tribes Mojave Elders' Committee. I'm the jurisdictional spokesman for the past 25 years, worked with elders from Fort Mojave, Quechan, Colorado River.

Our position as the tribe -- as Mojave people, we are from prehistoric man called Puttane. That's where Mojave people come from. We've lived in this area, we say, since the time immemorial. We've been here forever.

The -- the area that this is much around Ford Dry Lake and Genesis and McCoy project, those are our traditional homelands, we've been here, we've lived here. And so it was kind of ironic when you said, oh, we have agreements when we have artifacts.

Because of the Genesis project we have 3000 of our artifacts, some of them funerary objects, that are laying in San Diego. No agreement was ever done. They were taken. Once they were exposed, they were removed; federal law says it becomes the property of the United States. And once that happens is you snatch them and put them in a repository or you take them to a museum.

Not once was our tribe notified that we could come back and get our artifacts and put them back in the ground; so I take -- I take that with a grain of salt what you said, because in all actuality the Genesis project --

You don't have to explain to me. This is my time to talk.

MR. McMENIMEN: No, no, I have to. I agree with you.

MR. HARPER: What I'm saying is I'm saying in the McCoy project what we did is we mitigated to say once they were found, leave them alone.

FEMALE SPEAKER: That's right.

MR. HARPER: And we'll come in and put them in the ground --

FEMALE SPEAKER: That's right.

MR. HARPER: -- and put them back, because those are our people.

MR. McMENIMEN: Right.

MR. HARPER: Way before the European invasion and way before anything else we were here and those are our people. And this is well documented. In the Ford Dry Lake area there are many, many villages, there are many, many information sites, even in this area.

So the position of the Tribal is sac -- and I bring this message from the Council, is that when you find something you should already be mitigating a plan with the tribe of what the plan is going to be before you start. And even with the County; you should come to us and you should mitigate, say Tribe, what do you want, how do you want it done, so when we come across it we already have made the decision how we're going to do it because it makes life so much easier, it keeps you out of federal court.

Because in the Palen project and in the Genesis project we had to go to federal court for our

artifacts and our people.

And so, you know, you -- and I'll tell you, you talked about your landscape area being affected, I can tell you as a fact that the California Energy Commission is trying to pay 5 million dollars for the Palen project on the affected landscape areas. That's what the -- that's what they're trying to give to us, is that because the solar project is coming in and it's going to effect the landscape area, well, we'll give you 5 million for that. We said no.

And, in fact, the truth be known, BLM, for the McCoy project, got 4 million dollars just to site that. 7 million for the Genesis project; so that's just to site it.

So you think BLM is not involved in this land grab? They're all part of the process. And they get money for doing their sitings.

So -- and I --

The reason why we know that, we've been following these guys for the past five years and dragging them into federal court because we felt they have trust responsibility to our people and to our artifacts. And when you failed that, that's when we went to court.

So you think that BLM is here not having an

outcome? They're going to have an outcome and it's going to be money. And that money goes supposedly to the BLM for whatever purpose, but it all comes out --

MR. McMENIMEN: That is not true.

I'll stop you. That is not true.

MR. HARPER: That is so true.

MR. McMENIMEN: It goes to -- it goes to the Federal Treasury.

MR. HARPER: It goes to the Federal Treasury but they give it back to you.

MR. McMENIMEN: It does not come to us. We don't get it. We get shafted.

It's not true.

MR. HARPER: That's not what we talked -- that's not what we talked about.

Well, you're here to hear my comments, you're not here to argue with me.

MR. McMENIMEN: But I will --

MR. HARPER: So -- so -- so don't forget --

MR. McMENIMEN: But I will not -- I will not let you say what isn't true.

MR. HARPER: That's BLM. That's BLM changing the rules.

MR. McMENIMEN: Oh, not true. Not true.

MR. HARPER: Changing the rules. Changing them.

So --

You can't control my public comment and you are. You still are.

MR. McMENIMEN: And you just --

But I'll have you tell the truth. I will have you tell the truth.

MR. HARPER: You are. You're violating your own federal law right now.

MR. McMENIMEN: I will have you tell the truth.

MR. HARPER: You're violating your own federal law.

MR. McMENIMEN: I will have you tell the truth.

MR. HARPER: You are violating your federal law.

You cannot dictate to me what to say.

MR. McMENIMEN: I didn't dictate to you what to say. I didn't tell you what to say.

UNIDENTIFIED FEMALE SPEAKER: That's right.

MR. HARPER: That's how it goes.

So anyway, the trust is BLM, trust responsibility, as far as you see it right here.

FEMALE SPEAKER: That's right.

MR. HARPER: And so I just want to say that this is our position. Mitigate the plan on the cultural resources and discover, meet with the tribe, get a better plan and move forward on it because we are not

against solar projects, we are against our people being dug up, our funerary objects being removed --

UNIDENTIFIED FEMALE SPEAKER: That's right. Yes.

MR. HARPER: -- our people not having a say where we act, where we come from, because they removed our footprint, our existence in this area --

UNIDENTIFIED FEMALE SPEAKER: That's right.

MR. HARPER: -- in the Genesis project.

And that's what we're mad about. That's why we're upset.

And so we come in here, that's what we're telling you; we want to mitigate, we want to move forward, we want to help together. So that's my point.

MR. McMENIMEN: Cool. Thank you.

Are there any other comments?

UNIDENTIFIED FEMALE SPEAKER: He said it all.

MR. McMENIMEN: In one way, yes.

UNIDENTIFIED FEMALE SPEAKER: Yes, he did.

MR. McMENIMEN: Are there any other comments out here?

UNIDENTIFIED MALE SPEAKER: I could go on for an hour but everybody would get bored to death so I just showed up.

MR. McMENIMEN: But you're here. If you want it's a -- it's time to say what you think.

This is -- this is what this is for, this is the opportunity.

UNIDENTIFIED MALE SPEAKER: Well, you can't --

UNIDENTIFIED MALE SPEAKER: Mark, why don't you go point out where Ron's property and your property is.

MR. McMENIMEN: Why don't you give us your name and we'll do a speaker card.

UNIDENTIFIED MALE SPEAKER: You guys are affected more than anybody in this.

THE CLERK: Mark Bennett?

Okay. I got you.

MR. BENNETT: All right. Well, we live right there so -- and we're up on a hill; so when you're standing in my front yard and you're looking east, if this project gets completely developed like it shows right here, we'll have about a 180-degree view when we step out our front door of nothing but these solar panels, which I don't understand why, you know.

Okay, solar -- solar is great. I believe in nuclear power, which is -- to me seems way more efficient and -- you know, just ask the people over in Palos Verde Nuclear Power Plant, the world's

largest facility, right?

Well, my whole thing is -- is yeah, there's -- probably was some Indian encampments along here because the river used to flow here and over here and over here so there's probably stuff buried in the ground all around here and the wind blew stuff around it, we'll probably never find it.

But why aren't these way over here somewhere, you know, where nobody even cares?

How about up by Rice Road? I mean, it's probably just because of money and no- -- somebody doesn't want to have to make a longer transmission line.

So I would say the people that live along the bluff right here, well, most of them don't look west, a few do, and I mean I don't know why there ain't more people here from over there, you know, because -- I mean, I know they got a nice view of Blythe this way, but if you live right there, well, I don't care who you are, you're not going to want to walk out your front door and look at a field of nothing but solar panels.

UNIDENTIFIED MALE SPEAKER: Right.

MR. BENNETT: Anybody want to buy a piece of property that overlooks a solar farm? I'm going to

go with no on that.

So I didn't know anything about this until a few weeks ago, you know. Yeah, not very long ago. I think about a month, maybe. But, yeah, it was never disclosed to me when I bought the property.

But, I mean, you know, if you're going to look at something, okay.

So obviously a few people are going to be impacted more than others. But, I mean, I don't know, what do you do?

UNIDENTIFIED MALE SPEAKER: We're right there.

MR. BENNETT: Yeah. So --

UNIDENTIFIED MALE SPEAKER: It's out our front door.

UNIDENTIFIED FEMALE SPEAKER: Yeah. Our million-dollar view is going to be all solar panels, it's going to ruin it.

MR. BENNETT: I mean, I don't understand we got all these -- all these acres out in the middle of nowhere, why can't we use those? I mean, why can't we switch and trade this private land for some BLM out -- land out in the middle of nowhere?

UNIDENTIFIED MALE SPEAKER: Go out there to BLM through Wileys Well Road out there in the mountains, anywhere.

MR. BENNETT: Yeah. Anywhere.

UNIDENTIFIED FEMALE SPEAKER: You're all welcome to come to my house and look at my view now. It's not going to be that way.

MR. BENNETT: No. It's going to be terrible.

So, I mean, you know, I don't know what the effect of all those solar panels are on human beings but if you -- if somebody tells me right now that those things don't put off any frickin heat, if you live where my house is right now and the wind is blowing to the -- out of the, you know, southwest, well, hold on a minute; I mean, don't tell me those things don't emit any heat.

So, I mean, all my stuff is going to get barbecued; so it's got to be -- it's got to be hotter.

UNIDENTIFIED FEMALE SPEAKER: We have animals and horses.

MR. BENNETT: Yeah.

So, I mean, I don't --

I think -- I think if you're going to do a project like this, you got to go around and satisfy all this stuff.

UNIDENTIFIED MALE SPEAKER: Prior to doing it.

MR. BENNETT: Prior to doing it; so, you know,

that's where we're at.

And, you know, I mean it's not all about complaining. I mean, okay, if you want to have a solar project there, fine, have a solar project there. But these are things that have to be taken into consideration for sure by the people who are actually -- you know, that's their project, that's their baby.

So they're the ones that have to -- should come forth to us. Like I'm surprised nobody has come up and knocked on my door and said, hey, you know what, we may have a problem here, you know. We're going to ruin your property value, your view. We don't really know what, you know -- what the effect of these things are going to be on humans who live like 200-some-feet from them, you know, in this large scale because, I mean, let's face it, all the other solar projects that are already done, well, you don't have developers going, hey, we're going to put up some condos right next to this. Hello, not going to happen.

So I just think it's too close to town. But if -- hey, if that's where they want to put the thing and everybody decides okay, let's go ahead and do it, well, I think the people that live around it, close

to it, they have to be satisfied in some way.

UNIDENTIFIED MALE SPEAKER: Because all we got is something in the mail, nobody came and knocked on our doors.

MR. BENNETT: Yeah.

I mean, that would have been more -- you know that would have been better if somebody would have come up and said, hey, look we realize we're going to have a problem here so, you know --

MR. McMENIMEN: And that is -- and that is exactly the point -- the second point of this meeting --

MR. BENNETT: Right.

MR. McMENIMEN: -- which is that's why it's called a "Draft EIR/EA" to come out and say what is this going to be.

There is an action alternative in here that says "No Action" as you look at things. One of things you have to do is make sure your comment has to be here.

MR. BENNETT: Oh, certainly.

MR. McMENIMEN: But as we make that step in this, this is also technically the second or third meeting on this project that has taken place.

MR. BENNETT: Yeah. And we never knew about the

other meetings, which is sad.

MR. McMENIMEN: Which is sad.

I'm not sure why that happened or why that -- why that didn't take place but I know there was a public --

MR. BENNETT: We didn't know anything.

MR. McMENIMEN: I know there were public notices sent out that other people --

It is an event.

But on the bright side, or the good side of this, at least for this meeting, is that this is what has to be.

And do not let the size of the paper dissuade you. Put your comment down.

MR. BENNETT: Right.

MR. McMENIMEN: Put your comment down.

MR. BENNETT: Okay. Let's say that this company who has the solar project decides to satisfy all of us and then, you know, okay, that was --

In other words, we're in their way; so if they decide they want to satisfy us and they go back to you and say, okay, look, we satisfied all these people, we own this property now, or whatever, I mean, that just gets us out of the way, right, and that makes, you know --

MR. McMENIMEN: If you were to look at it from that point of view, the -- the answer is yes.

MR. BENNETT: But, I mean, how would you feel about that?

MR. McMENIMEN: It doesn't -- it doesn't -- it doesn't -- it doesn't have anything to do with BLM.

MR. BENNETT: It doesn't have anything to do with BLM?

MR. McMENIMEN: No, no, you're misunderstanding.

We don't -- we don't make that judgment. That's not --

Unfortunate --

MR. BENNETT: So who actually makes the final judgment? Does it go before a board?

MR. McMENIMEN: Well, if I may, as Larry was saying --

MR. ROSS: Board of Supervisors.

MR. McMENIMEN: -- Board of Supervisors.

MR. BENNETT: Okay, Board of Supervisors.

MR. McMENIMEN: In the case of BLM, it literally goes in this case up to the State office for them to make that final determination. We -- we try to keep it away from us at the local level.

UNIDENTIFIED MALE SPEAKER: Right. Make sure at least we cc everything --

MR. McMENIMEN: So in our case it goes to the State office.

UNIDENTIFIED MALE SPEAKER: Right.

UNIDENTIFIED MALE SPEAKER: So if --

UNIDENTIFIED FEMALE SPEAKER: So everything we said today, it has to be written down on paper?

MR. McMENIMEN: Yes, ma'am.

UNIDENTIFIED MALE SPEAKER: Or E-mailed?

MR. McMENIMEN: Or E-mailed.

UNIDENTIFIED MALE SPEAKER: Right. Okay.

UNIDENTIFIED FEMALE SPEAKER: I have a question.

Was this meeting publicized in the local paper?

THE CLERK: Yes.

UNIDENTIFIED FEMALE SPEAKER: Quartzsite Times?

THE CLERK: Yes.

UNIDENTIFIED FEMALE SPEAKER: Was it real small? Okay.

Because I didn't see it. Thank you.

UNIDENTIFIED MALE SPEAKER: There wasn't no front-page ad.

UNIDENTIFIED FEMALE SPEAKER: Well, yeah, but

MR. McMENIMEN: Yeah, you don't normally get that, which is scary.

Are there any other comments, statements?

One gentleman came in a little bit late and I'm not picking you out but anything you want -- you need to say or --

UNIDENTIFIED MALE SPEAKER: No. No. Just a last-minute notice.

MR. McMENIMEN: Okay. That's how I got here, I saw the sign that said "Public meeting, come on in." And all the seats were taken.

UNIDENTIFIED FEMALE SPEAKER: So is there anything regarding the next meeting?

MR. McMENIMEN: Not at this time, not at this moment because what's -- what happens now is we -- nothing will take place until the end of the comment period and then we'll go back, take the comments, review them, develop the next document which, in the case of the Riverside County, is the final EIR document, and then our same thing.

We'll put that out for review again, it comes back, we'll sort out the comments and basically take place from that or to make sure things were addressed. And then it goes to to the board, it goes to the state, and they make their decision coming down say "yes" or "no." But that's why this is critical.

UNIDENTIFIED MALE SPEAKER: So when is this

project supposed to start?

MR. McMENIMEN: Let me put it another way because technically we're -- we're well behind the schedule that was originally posted just because of some other things that took place and getting us through this. If I --

Rupal, if I can, when are you projected -- or when is your timeline to get where you would like to be, just from your point of view? It doesn't mean it's our schedule, it's just where they would like to be.

MS. PATEL: So I -- it's --

Right now the -- there is not a power purchase agreement in place for this project; so -- and the -- the -- the utility market has slowed down quite a bit in terms of that. So -- and then the other issue is that the transmission line to get the power out of here isn't going to be ready until 2020; so the earliest you can anticipate construction would be, like, 2017.

UNIDENTIFIED MALE SPEAKER: Say that again.

MS. PATEL: 2017.

UNIDENTIFIED MALE SPEAKER: Thank you.

MS. PATEL: And that would be constructing, because it's a three-year construction period. And

so then after that. And that's predicated on us actually getting a power purchase agreement as well.

MR. McMENIMEN: That said, any other comments? Statements?

At that point, we're -- we're here, we'll be here for a while longer, so --

UNIDENTIFIED MALE SPEAKER: You gonna buy us a steak dinner tonight?

MR. McMENIMEN: No, unfortunately they don't buy for me either, which is the terrible part. Sorry about that.

Thank you -- thank you for coming, thank you for participating. And if you have any questions, make sure you take your comment cards, get our contact points, give us a yell.

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I, the undersigned, a Certified Shorthand Reporter of the State of California, do hereby certify:

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CSR No. 6781

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APPENDIX T:
PHASE I ENVIRONMENTAL SITE ASSESSMENT

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Kennedy/Jenks Consultants

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Blythe Mesa Solar Project
Blythe, California
County CUP# 03685

25 February 2013

Prepared for

Chuckwalla Farm Land, LLC
5700 Wilshire Boulevard, Suite 330
Los Angeles, California 90036

K/J Project No. 1283030*00

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5700 Wilshire Boulevard, Suite 330
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Nadine Stroud
Environmental Professional

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Executive Summary

Kennedy/Jenks Consultants (Kennedy/Jenks) was retained by Chuckwalla Farm Land, LLC (CFL) to prepare a Phase I Environmental Site Assessment (ESA) for approximately 3,600 acres of land (mixed farm and vacant) located mainly in Riverside County, California. A portion of the Subject Property is under separate jurisdiction within the City of Blythe. For the purpose of this report, the land under review will be referred to as the "Subject Property".

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Work performed to prepare this Phase I ESA was conducted on behalf of CFL, also referred to as the User throughout this report. It is Kennedy/Jenks' understanding that CFL intends to develop the Subject Property into a solar power generation facility (Blythe Mesa Solar Project – BMSP). The BMSP would be a 485 megawatt (MW) photovoltaic solar power plant situated on 91 parcels totaling approximately 3,600 acres of land. About 330 power blocks will be built as part of the solar development; each constructed containing an equipment pad and a parking space. This Phase I ESA provides a baseline understanding of environmental conditions present at the Subject Property.

The purpose of this Phase I ESA is to identify recognized environmental conditions ("REC") resulting from onsite land practices that may affect the Subject Property. A REC is the presence or likely presence of any hazardous substance or petroleum products on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous substance or petroleum products into the structure, on the property, or into the ground, groundwater, or surface water of the property. The term *historical recognized environmental condition* means an environmental condition which in the past would have been considered a *recognized environmental condition*, but which may or may not be considered as a

recognized environmental condition currently. Findings that are not classified as a REC, but have the potential to affect the Subject Property are identified as Notable Findings.

Findings

Kennedy/Jenks conducted a Phase I ESA for the BMSP (3,600 acres of vacant and farmed land) located approximately 7 miles west of the City of Blythe, California. Based on Kennedy/Jenks review, the following REC is listed for consideration:

FUDS	Portions of the Subject Property were occupied by the Former Blythe Army Air Base (BAAB). The BAAB is listed in the Formerly Used Defense Site (FUDS) database. Information obtained from the Department of Toxic Substances Control (DTSC) online records indicates that three areas within the BAAB as having the potential for munitions-related impacts (Poorman, Jeep Range, and Skeet Range) based on findings presented in Parsons' Site Inspection Report, Former Blythe Army Airfield dated September 2011 (Parsons, 2011). Explosive hazards were ruled out for the BAAB during a 2011 field investigation. The Munitions & Explosives of Concern (MEC) pathway was determined incomplete for the BAAB FUDS. During the field reconnaissance performed in 2011, only spent small arms ammunition was noted. The Subject Property (BMSP) does not fall within any of three munition-related areas. In addition, no evidence of the storage, use, or disposal of chemical warfare has been identified for the BAAF FUDS listing. The DTSC project manager for this FUDS study area, Omoruyi Patrick, relayed to Kennedy/Jenks that no other areas within the former BAAB are under investigation other than the Poorman, Jeep Range, and Skeet Range which are not part of the Subject Property.

Although not identified as RECs, the following Historical REC and Notable Findings should be taken into consideration:

USTs (Historical REC)	About 50 underground storage tanks (USTs) that once operated the wind turbines in the farmed land of the Northern Parcels were removed in the early 1990s. Any remaining turbines on the Northern Parcels are now powered by propane ASTs. Residual fuel constituents are known to remain in soils beneath the Subject Property in association with 16 of the former USTs. However, the Colorado River Basin Regional Water Quality Control Board (RWQCB) reviewed the tank closure reports and granted a status of "no further action required" regarding fuel impacts. Furthermore, land use restrictions were not imposed on the Northern Parcels by the RWQCB.

Onsite Water Wells **(Notable Finding)**	A total of 12 water wells are situated on the Subject Property (7 domestic wells and 5 irrigation wells). Onsite irrigation wells are inactive and any in-use domestic wells (APNs 821-120-026, 821-120-039, and 863-100-016) are used for non potable purposes (i.e. washing). Any onsite wells that are to remain unused should be properly abandoned. Five of the 12 water wells are located in the Northern Parcels. One domestic water well is located on APN 821-120-026 and is located alongside the northwest exterior of the shop. Another domestic water well is situated on APN 821-120-039 and is located in close proximity to the shop located on that parcel. A third domestic well is located on APN 821-110-004 and appears to have been used in association with the former military operations of the Blythe Army Air Base (BAAB). Two irrigation wells are located on APNs 821-120-039 and 824-110-036. Seven water wells are located in the Southern Parcels. Two abandoned wells were observed in association with the former BAAB on APNs 879-090-040 and 879-110-013. The well located on APN 879-090-040 was backfilled to approximately 5 feet below grade. The well located on APN 879-110-013 was open to approximately 30 to 40 feet below grade. An third abandoned well is located on APN 863-030-005. The steel cover to this well was welded closed; therefore, access to the well was not possible. Two tandem, domestic wells are located on APN 863-100-016 near the residence and are used for non potable purposes. The remaining water wells located in the Southern Parcels are inactive irrigation wells.
Vehicle/Equipment Repair & Maintenance Operations **(Notable Finding)**	Three buildings used for vehicle/equipment repair and maintenance (shops) are located on the Subject Property on APNs 821-120-026 (Northern Parcels), 821-120-039 (Northern Parcels), and 863-100-017 (Southern Parcels). In addition these buildings are currently used for the storage of farm-related items. As commonly seen on farms of this type, minor staining of apparent fuels was observed on the paved and dirt surfaces in the vicinities of these three shops. Subterranean repair pits, approximately 3 feet wide by 15 feet long by 5 feet deep, are present at the Northern Parcel shops. Minimal maintenance and repair still occurs at the shop located on APN 821-120-026. The pit located at the southern-most building (APN 821120026) has been backfilled with dirt and is no longer in use. Given their use for vehicle maintenance and repair, fuel-related constituents may be present in subsurface soils in the vicinities of all three shops discussed above.

ASTs **(Notable Finding)**	Nine aboveground storage tanks (ASTs) are located north of the shop on APN 821-120-026 (Northern Parcels). The AST located to the far west of the tank area contains gasoline used to fuel farm equipment and vehicles. Other ASTs in this area are used for the storage of hydraulic fluid, engine oil, and gasoline. A used oil tank is also located in this area. The larger ASTs situated in the eastern portion of the tank area store gasoline and served as the main gasoline reserve for the USTs that operated the wind turbines located in the farmed areas of the Northern Parcels. Three fuel ASTs (two diesels and one gasoline) were observed south of the shop located at APN 863-100-017 (Southern Parcels). All three appear to be actively used for fuel storage and dispensing. These ASTs are mounted in a secondary containment area. Surface staining was noted inside the containment area during Kennedy Jenks' August 2012 reconnaissance. Several small containers of fuel-related products and other chemicals were observed in the vicinity of the ASTs. In accordance with the California Aboveground Petroleum Storage Act (APSA) fuel-related ASTs within the Subject Property are exempt from the APSA program because the Subject Property is used for agricultural purposes and the cumulative storage tank capacity does not exceed 100,000 gallons. Furthermore, the ASTs of the Subject Property are exempt from the U.S. Environmental Protection Agency (EPA) SPCC Program because the Subject Property ASTs are not near waters of the U.S. (i.e. shorelines, streams, rivers, lakes, etc.).
Clarifier **(Notable Finding)**	An active, three-stage clarifier is located to the east of the maintenance and repair building located on APN 863-100-017. The clarifier is used to capture wash water from the cleaning of farm equipment and vehicles. Waste water generated from washing activities (after passage through the clarifier) is used for dust control at the farm. The oil obtained from the clarifier is collected and ultimately shipped out for disposal. Given its use, chemical constituents such as petroleum hydrocarbons, chlorinated solvents, pesticides/herbicides may be present in subsurface soils in the vicinity of the clarifier. In accordance with the California APSA, the clarifier on APN 863-100-017 is exempt from the APSA program because the Subject Property is used for agricultural purposes.
Pesticide/Herbicide Storage & Application **(Notable Finding)**	As is typical with farming operations, pesticides and herbicides are applied in the farmed areas of the Subject Property. Historically, pesticides and herbicides have been stored in the shops located in the Northern Parcels (APNs 821-120-026 and 821-120-039). In the Southern Parcels, pesticides and herbicides appear to be mainly

	stored in a trailer just north of the shop located on APN 863-100-017.
Lead-Based Paint and Asbestos-Containing Materials **(Notable Finding)**	Given the older age of the shops located on the Subject Property (APNs 821-120-026, 821-120-039, and 863-100-017), lead-based paint (LBP) and asbestos-containing material (ACM) may be present in the building materials of these structures.
BAAB Artifacts **(Notable Finding)**	Portions of the Northern Parcels were used by the BAAB in the early 1940's. The air base was declared surplus and abandoned by the US Army in 1944 and later became a sub-base of Muroc Army Air Field on 30 June 1945. It was inactivated on 18 October 1945, although during October-December 1946, it was used for desert maneuvers. The War Assets Administration returned the air base to civil control in 1947.Several foundations of the former military operations were observed in the Northern Parcel. Piles of building material debris including wood, metal, and concrete were observed at the abandoned military sites (APN 821-110-004, 821-120-026, 821-120-025, 879-090-040, and 879-110-013). Portions of the Subject Property occupied by the Former BAAB were used for barracks, utility shop & yard, warehouses, a hospital, tent camps. The domestic well located on APN 821-110-004 appears to have been used in association with the former military operations of the BAAB. Two abandoned wells were observed in association with the former BAAB on APNs 879-090-040 and 879-110-013. A large area of disintegrated asphalt cover was observed in an area south of the northern-most maintenance/storage building (APN 821-120-025). Review of a 1942 aerial photograph of the BAAB suggests that this material is remnant of the former military occupancy at the Subject Property. Several abandoned features associated with the former military operations were observed during the reconnaissance, including possible cisterns, fire hydrants, piping, broken vitreous clay pipes most likely used for storm water runoff, and storm water line access ports. A burn/dump area was noted in the Northern Parcel on APN 821-110-004. This area is not included as part of the FUDS study area discussed above and it is not reported to pose an explosive hazard risk based on the findings of the Parsons' 2011 field investigation (Parsons, 2011).
Chemical Storage in Containers/Drums	55-gallon drums of mainly hydraulic oil, engine oil, and waste oil were noted on pallets near the clarifier area on APN 863-100-017.

(Notable Finding)	Several chemical containers were observed inside the shop and inside the north-adjoining trailer located on APN 863-100-017. More farm-related chemical containers were observed inside a storage container located to the west of the shop. Chemicals noted during the reconnaissance included fuels, fertilizer, herbicides, paints, oils (hydraulic, transmission, engine), cleaners, etc.
Septic Systems **(Notable Finding)**	The shop located on APN 821-120-026 operates on a septic system believed to be located southwest of the building. All occupied structures in the Southern Parcels (residences and shops) operate on septic systems (APNs 863-100-016, 863-100-017, and 863-060-015). Septic systems treat and disperse relatively small volumes of wastewater. When properly sited, designed, constructed and operated they pose a minimal threat to subsurface quality, but when improperly used or operated, septic systems can be a significant source of subsurface contamination.
Drains **(Notable Finding)**	Exterior drains were observed in the vicinity of the shop located on APN 821-120-026. Given the long history of this shop being used for vehicle maintenance/repair (since the early 1940s) and the storage of farm-related chemicals, the drain serves as a potential conduit through which chemicals have the means of entering the subsurface.
Storage Yards **(Notable Finding)**	Two storage yards are located on the Subject Property, one in the Northern Parcels on APN 821-120-026 and the other in the Southern Parcels on APN 863-100-017. The storage yard on APN 821-120-026 is used to store various items, including water well parts, farm equipment, portable bathrooms, vehicles, portable tanks, poly containers, etc. The storage yard on APN 863-100-017 is used for the storage of various farm equipment and supplies, including vehicles, tires, poly containers, etc.
Discarded Items & Housekeeping Practices **(Notable Finding)**	Discarded items were observed on the vacant portions of the Subject Property, including an abandoned car, old appliances, mattresses, metal and wood debris, etc. Poor housekeeping practices were observed near the residence on APN 863-060-015. Several empty, 55-gallon poly drums were scattered around the perimeter of the nearby reservoir.

Recommendations

Several areas were identified in preparing this Phase I ESA as having the potential for chemical impact to the subsurface based on current and/or past land use practices. The magnitude and extent of chemical impact to the subsurface in these areas can be quantified and delineated

through a limited characterization effort conducted at the Subject Property. Areas of potential chemical impact and the most likely constituents of concern in these areas are listed below:

- Subterranean repair stations located near the shops on APN 821-120-026 and 821-120-039 (petroleum hydrocarbons, VOCs, heavy metals)
- Oil-stained ground cover near the shops on APNs 821-120-026, 821-120-039, 863-100-017 (petroleum hydrocarbons, VOCs, metals)
- AST staging areas on APNs 821-120-026 and 863-100-017 (petroleum hydrocarbons, VOCs, heavy metals)
- Three-stage clarifier located to the east of the shop area on APN 863-100-017 (petroleum hydrocarbons, VOCs, metals, pesticides/herbicides)
- Drains and septic systems located in the vicinities of the shops and residences (VOCs, metals, petroleum hydrocarbons, pesticides/herbicides)
- Burn/dump area located on APN 821-110-004 (heavy metals and PAHs)
- Pesticides and herbicides located in the vicinities of the shops/storage trailers and farmed lands

Other recommendations are as follows:

- Should the Subject Property be redeveloped as a solar power plant, water wells (irrigation & domestic) located on the Subject Property that are no longer in use should be properly abandoned.
- Minimal soil disturbance (upper 3 feet bgs) is anticipated to accommodate the development of a solar power facility at the Subject Property. Any soils removed from the Subject Property should be properly profiled for reuse or disposal purposes.
- Debris scattered throughout the Subject Property should be removed and disposed at a recycling facility or landfill, as appropriate.
- A pre-demolition LBP and ACM survey should be performed prior to demolition of the onsite buildings.
- No further environmental action to water quality beneath the Subject Property is suggested at this time. Water quality does not appear to be an issue for the Subject Property as the neighboring Blythe Municipal Airport is the location of a new water supply well servicing CSA 122. Water supply well (Well Number 8) was installed at the SE portion of the airport. Water derived from this well is only being treated for arsenic and fluoride. Fuels and pesticides/herbicides used and stored at the Subject Property do not appear to be of concern for water quality; therefore, the potential is low for chemical impacts to exist in groundwater beneath the Subject Property resulting from past or current land use.

- The Subject Property will continue to be used for farming and eventually for solar energy generation; residential land use is not planned for the Subject Property. Therefore, risk to human health from exposure to chemically impacted soils (i.e. fuels, pesticides, herbicides) at the Subject Property, should they be present, is not believed to be a significant concern. For this reason, no further evaluation into health risk at the Subject Property is warranted at this time.

Section 1: Introduction

Kennedy/Jenks Consultants (Kennedy/Jenks) was retained by Chuckwalla Farm Land, LLC (CFL) to prepare a Phase I Environmental Site Assessment (ESA) for approximately 3,600 acres of land (mixed farm and vacant) located mainly in Riverside County, California. A portion of the Subject Property is under separate jurisdiction within the City of Blythe. For the purpose of this report, the land under review will be referred to as the "Subject Property".

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The work was conducted pursuant to authorization to proceed with the project received in August 2012 from Ms. Lloys Frates of CFL.

1.2 Detailed Scope of Services

1.2.1 Phase I ESA

The following activities were performed to accomplish the Phase I ESA objectives:

- **Subject Property Reconnaissance** – A visual and physical observation of the Subject Property was conducted in readily accessible areas to identify RECs or Notable Findings. The reconnaissance was conducted by Ms. Nadine Stroud and Mr. Ron Prince on 15 and16 August 2012.

- **Subject Property Representative Interview** – Information pertaining to the Subject Property was obtained from CFL between August and October 2012. Ms. Nadine Stroud of Kennedy/Jenks interviewed Mr. Duane Young and Mr. Greg Young in April 2011, representatives of Cocopah Nurseries, Inc. (Cocopah). Cocopah is the former owner of farmed land in the Southern Parcels and currently leases a portion of the Southern Parcels for continued farming practices. Mr. Felix Mercado and Mr. Jesus Navarro, representatives of Sun World International, LLC (Sun World) were interviewed by Ms. Stroud in May 2010. Sun World is the former owner of land in the Northern and Southern Parcels.

- **Agency Records Review** – Available environmental reports, agency records (state and local agencies), and appropriate permits were reviewed to identify reported environmental issues associated with the Subject Property. A detailed list of the reviewed records is provided in following sections.

- **Historical Research** – At a minimum, readily available sources of historical information related to the Subject Property were researched to identify historical land use practices that have the potential to impact environmental conditions at the Subject Property. Sources of historical information to help identify RECs or Notable Findings in connection with the Subject Property include historical aerial photographs and historical topographic maps. Recent aerial photography was also reviewed from Google Earth imagery.

- **Government Database Review** – Published governmental federal and state databases were reviewed for the Subject Property with reported environmental issues. Kennedy/Jenks subcontracted the compilation of government database search to Environmental Data Resources, Inc. (EDR).

- **Report Preparation** – This written summary of the findings and recommendations of the Phase I ESA was prepared.

1.3 Environmental Professional Qualifications

Information compilation and interpretation, along with report preparation, were performed by Nadine Stroud, a Kennedy/Jenks geologist. Ms. Stroud has a Bachelor's degree in Geology and over 15 years of experience consulting on site assessment and remediation projects. Ms. Stroud has performed Phase I ESAs on over 100,000 acres of similar farmland throughout California.

1.4 Limitations and Exceptions

This Phase I ESA is based on review of readily available environmental records, results of limited interviews, and visual observations of recent Subject Property conditions. The collection or analysis of environmental samples; surveys regarding the presence of asbestos, radon, heavy metal-based paints; or compliance of individual property operations with environmental regulations were not executed during this Phase I ESA. This assessment was not intended to be a comprehensive inspection or assessment of all conditions that might exist at the Subject Property. Findings were developed based on our professional opinion and do not represent a warranty, guarantee, certification, or positive assertion as to the presence, absence, or extent of potential contamination. Kennedy/Jenks' activities were conducted in accordance with practices and procedures generally accepted in the consulting field. Kennedy/Jenks' services were limited to those specified in our proposal, which was accepted by CFL.

1.5 Special Terms and Conditions

This report represents Kennedy/Jenks' professional opinion and judgment, which are dependent upon information obtained during performance of consulting services. Environmental conditions may exist at the Subject Property that cannot be identified by visual observations or were obscured from view by vegetation, poor lighting, or other materials during Kennedy/Jenks' reconnaissance to the Subject Property. Kennedy/Jenks' conclusions were based in part on information supplied by others, the accuracy or sufficiency of which has not been independently reviewed by Kennedy/Jenks. No investigation can be thorough enough to exclude the presence of hazardous materials at a given Subject Property; therefore, if no hazardous materials are identified during an assessment, such a finding should not be construed as a guarantee of the absence of such materials on the Subject Property, but rather the results of services performed within project scope, cost, and other limitations.

Any opinions presented apply to the Subject Property conditions at the time of performance of services and do not address the potential for future releases. Changes in applicable environmental standards, practices, or regulations may occur following performance of services, which could impact the opinions presented.

1.6 Reliance

This report is intended for the sole use of CFL. If other parties wish to rely on this report, please have them contact Kennedy/Jenks Consultants so that a mutual understanding and agreement of the terms and conditions for our services can be established prior to their use of this information.

Section 2: Subject Property Description

The following section provides information about the Subject Property, such as its ownership, general description, environmental setting, current property usage, and also describes the general uses of the adjoining properties and surrounding area.

2.1 Property Owner Information

The majority of the Subject Property is owned by Gila Farm Land, LLC. Approximately 277 acres of fallow land located in the Southern Parcels are owned by Jesus and Teresa Rivera. Cocopah Nurseries and Sun World are former owners of the Subject Property.

2.2 Subject Property Description

The Subject Property is situated in a rural area of the Colorado Desert and consists of 91 individual land parcels situated approximately 7 miles west of the City of Blythe, California (Figure 1). The Subject Property is transected from east to west by Interstate 10; thus, splitting the Subject Property into two areas, the Northern Parcels and the Southern Parcels (Figure 2).

The Subject Property was undeveloped desert terrain until 1942. After this time, portions of the Northern and Southern Parcels (see Figure 2) were occupied by the United States military for training purposes (Blythe Army Air Base – BAAB). It is unknown as to when the military ceased operations at the Subject Property, but it was likely the mid-1950s. A portion of the Southern Parcels was formerly used as a “tent city” army barracks under its occupancy as the BAAB (Figure 2). Features likely remnant of the former military operations remain in the Southern Parcels, including two abandoned water wells (APNs 879-090-040 and 879-110-013), a foundation for an above-grade structure(APN 879-090-040), and a concrete riser (APN 879-110-013).

The Northern Parcels have been used for farming since approximately 1967. Sun World occupied the Northern Parcels for over 20 years, and their operations changed little over their years of occupancy. Current operations in the Northern Parcels include farming, minor vehicle/equipment repair, and other agricultural support functions (i.e. irrigation, herbicide/pesticide application, and fruit packing). Improvements on the Northern Parcels include two buildings used for vehicle maintenance and storage (shops), two irrigation reservoirs, two domestic wells (servicing the shops), irrigation wells, and various unimproved roads. The shop located on APN 821-120-026 was constructed in the 1940s as part of the military operations and was likely used for vehicle maintenance according to the 2003 Phase I Environmental Site Assessment prepared by GaiaTech Inc. (GaiaTech, 2003). Several building foundations and debris piles remain in the Northern Parcels, and are remnant of historical military occupancy. Nine aboveground storage tanks (ASTs) are located in the Northern Parcels near the shop located on APN 821-120-026. The ASTs appear to be used for the storage of petroleum-based products (i.e. engine oil, hydraulic fluid, fuel, waste oil).

Cocopah Nurseries owned a portion of the Southern Parcels since approximately 1992 and their operations have changed little over their years of occupancy (Figure 2). Cocopah Nurseries

presently leases this area for continued farming practices. Land utilized by Cocopah Nurseries is being farmed for citrus and ornamental dates. Other farm-related operations in this area include minor vehicle/equipment repair and other agricultural support functions (i.e. irrigation, herbicide/pesticide application, and fruit packing). Primary improvements in this portion of the Subject Property include two residential areas, a maintenance/mechanical shop, a farm equipment storage yard, five water reservoirs that store water from the Colorado River that is used for irrigation purposes, citrus orchards, and various unimproved roads.

Approximately 277 acres of fallow land is present in the Southern Parcels and is owned by Jesus and Teresa Rivera (Figure 2).

2.3 Adjoining Properties and Surrounding Vicinity

The Subject Property is located in a primarily mixed agricultural and undeveloped section of Blythe, California. The most notable neighboring properties include the Blythe Airport located to the west of the Northern Parcels and the Blythe Energy Power Plant (BEPP) located at the northwest corner of Buck Avenue and Hobson Way. Prior to its development, land for the BEPP used to be part of the Subject Property. Additionally, the Subject Property is within to two BLM-designated utility corridors (Corridors J and K) for solar projects and three transmission lines [Western Area Power Authority (WAPA), Southern California Edison (SCE), and Imperial Irrigation District (IID)]. Undeveloped desert terrain and the McCoy Wash are immediately north of the Subject Property. The area east and southeast of the Subject Property is heavily used for agriculture. The area west of the Subject property is primarily undeveloped desert terrain.

The Subject Property is approximately seven miles west of the City of Blythe. The Colorado River and the Arizona/California border are farther east of the Subject Property.

2.4 Environmental Setting

This section describes the geologic and hydrogeologic features of the Subject Property.

2.4.1 Regional & Local Geology

The Subject Property is situated in the Palo Verde Area. Local soils are derived from the upper watershed of the Colorado River, which were then deposited, eroded, and reworked during seasonal flood stages. The Palo Verde Mesa is an older terrace that represents the level at which the tributaries of the Colorado River originally flowed. The Palo Verde Valley, or lower terrace, is more recent.

The nearby Colorado River is bordered from north to south by the Maria, McCoy, Mule, and Palo Verde mountain ranges. The Maria Range to the immediate north of the Subject Property consists of granitic rock and pre-Cenozoic metasedimentary and metavolcanic rock comprised of quartzite, phyllites, marbles, and schist. The McCoy Range located to the west consists primarily of Cretaceous sandstone and conglomerate.

Two washes are located in the vicinity of the Subject Property. The McCoy Wash flows to the southeast along the northeastern boundary of the Subject Property. The South Wash takes shape in the southeast portion of the Subject Property and flows to the southeast.

The Subject Property is located on fluvial sediments transported and deposited during flood stages of the Colorado River. The Subject Property is situated in a low- to moderate-energy floodplain environment consisting of weekly-consolidated to unconsolidated, poorly-bedded gravels, sands, and silts.

2.4.2 Hydrogeology

Ground and surface water in the Blythe area is regulated by the Colorado River Regional Water Quality Control Board (CRRWQCB). The piezometric groundwater surface is greater than 90 feet below ground surface (bgs). Perched water has been reported on the valley floor at approximately 10 feet bgs, or approximately 100 feet below surface grade of the Palo Verde Mesa. Depth to first groundwater beneath the Subject Property is estimated at approximately 135 feet bgs based Kennedy/Jenks understanding of the topography and previous environmental reports (GaiaTech, 2003).

Groundwater in the general Blythe Valley area contains excessive salts, leached into the shallow water table from many years of agricultural use. This water is not used for drinking water or irrigation.

2.5 Water Wells

A total of 12 water wells are situated on the Subject Property (7 domestic wells and 5 irrigation wells, see Figure 3). Onsite irrigation wells are inactive and any in-use domestic wells (APNs 821-120-026, 821-120-039, and 863-100-016) are used for non potable purposes (i.e. washing). Any onsite wells that are to remain unused should be properly abandoned.

Five of the 12 water wells are located in the Northern Parcels. One domestic water well is located on APN 821-120-026 and is located alongside the northwest exterior of the shop. Another domestic water well is situated on APN 821-120-039 and is located in close proximity to the shop located on that parcel. A third domestic well is located on APN 821-110-004 and appears to have been used in association with the former military operations of the Blythe Army Air Base (BAAB). Two irrigation wells are located on APNs 821-120-039 and 824-110-036.

Seven water wells are located in the Southern Parcels. Two abandoned wells were observed in association with the former BAAB on APNs 879-090-040 and 879-110-013. The well located on APN 879-090-040 was backfilled to approximately 5 feet below grade. The well located on APN 879-110-013 was open to approximately 30 to 40 feet below grade. An third abandoned well is located on APN 863-030-005. The steel cover to this well was welded closed; therefore, access to the well was not possible. Two tandem, domestic wells are located on APN 863-100-016 near the residence and are used for non potable purposes. The remaining water wells located in the Southern Parcels are inactive irrigation wells.

As part of this Phase I ESA, a well search was conducted for the Subject Property. Review of the EDR DataMap Well Search Report (Appendix A) indicates that most of the wells were completed to a depth ranging between 243 and 535, with the average depth around 350 feet bgs. Groundwater levels recorded from some of the wells ranged between 100 and 160 feet bgs, with the average water level at approximately 120 feet bgs.

2.6 Oil and Gas Wells

Based on Kennedy/Jenks' review of maps provided by the State of California Department of Conservation Division of Oil, Gas, & Geothermal Resources (DOGGR), no oil and gas wells are located within a one-mile radius of the Subject Property.

Section 3: Government Database Review

A review of federal, state, and tribal environmental databases related to the Subject Property was conducted to identify potential RECs. Information from these various databases was compiled in the EDR DataMap Area Study (Appendix B).

Government database listings reviewed during this DDR included, but were not limited to:

- USEPA National Priorities List (NPL) within a 1-mile radius;
- USEPA Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) sites within a ½-mile radius;
- USEPA Comprehensive Environmental Response-No Further Remedial Action Planned (CERC-NFRAP) sites within a ¼-mile radius;
- USEPA Corrective Action Report (CORRACTS) sites within a 1-mile radius;
- USEPA Resource Conservation and Recovery Information System-Treatment, Storage, and Disposal (RCRIS-TSD) sites within a ½-mile radius;
- USEPA "RCRIS-Large Quantity Generator" (RCRIS-LQG) within a ¼-mile radius;
- USEPA "RCRIS-Small Quantity Generator" (RCRIS-SQG) within a ¼ mile radius;
- USEPA Facility Index System/Facility Registry System (FINDS) for the Subject Property only;
- USEPA Emergency Response Notification System (ERNS) sites within the target property;
- California EnviroStor Database – ENVIROSTOR within a 1-mile radius;
- California Calsites Database – HIST CAL-SITES within a 1-mile radius;
- California Bond Expenditure Plan (BEP) within a 1-mile radius;
- California Waste Management Unit Database System (WMUDS/SWAT) within a ½-mile radius;
- California Cortese within a ½-mile radius;
- California Leaking Underground Storage Tank (LUST) within a ½-mile radius;
- California Facility Inventory Database (CA FID) within a ¼-mile radius;
- California Spills, Leaks, Investigation and Cleanups (SLIC) sites within a ½-mile radius;
- California Underground Storage Tanks (UST) within a ¼-mile radius;

- California Hazardous Substance Storage Container (HIST UST) within a ¼-mile radius;
- California Statewide Environmental Evaluation and Planning System (SWEEPS UST) within a ¼-mile radius;
- California Hazardous Material Incident Report System (CHMIRS) for the Subject Property only;
- California 65 Notification Records within a 1-mile radius;
- California Voluntary Cleanup Program Properties (VCP) within a ½-mile radius;
- California Cleaners within a ¼-mile radius; and
- California Facility and Manifest Data (HAZNET) for the Subject Property only.

3.1 Subject Property Summary

The Subject Property was listed in three databases: AST, Historical Cortese, and LUST.

- The AST listing refers to the operation of a 3,500-gallon AST. No further information was provided under this database listing.
- The LUST listings refer to gasoline impacts to soil only from the operation of USTs that powered wind turbines located in the farm lands of the Northern Parcels. About 50 underground storage tanks (USTs) that once operated the wind turbines in the farmed land of the Northern Parcels were removed in the early 1990s. Any remaining turbines on the Northern Parcels are now powered by propane ASTs. Residual fuel constituents are known to remain in soils beneath the Subject Property in association with 16 of the former USTs. However, the Colorado River Basin Regional Water Quality Control Board (RWQCB) reviewed the tank closure reports and granted a status of “no further action required” regarding fuel impacts. Furthermore, land use restrictions were not imposed on the Subject Property by the RWQCB.
- The Historical Cortese listings refer to the LUST listings.

3.2 Surrounding Area Summary

Six sites within a one-mile radius were identified in the EDR database report. An overview of the database entries for each of the five sites is provided as follows:

- Farmed land once owned and operated by Sun World to the immediate northwest of the Northern Parcels also contained UST associated with the former operation of wind turbines (Blythe Lemon Ranch). These former USTs have also been removed, and according to the RWQCB, any residual fuel constituents present in the subsurface from these USTs do not pose a threat to human health or the environment.
- Farmer Air Service at 17500 Hobsonway is located immediately south of the Blythe Airport and is listed in the CERC-NFRAP, CORRACTS, RCRA NonGen, and Finds

databases. Under the CERC-NFRAP database, the site does not qualify for National Priority Listing (NPL) based on property information. The site was issued “low” corrective action under the CORRACTS database. According to the RCRA NonGen database, the site does not presently generate hazardous waste and has no reported violations. The Finds listing refers to the RCRA listing.

- West Coast Flying Service located at 13-400 14th Avenue is located approximately 1 mile east of the Subject Property and is listed in the CERC-NFRAP, CORRACTS, RCRA NonGen, and Finds databases. Under the CERC-NFRAP database, the site does not qualify for National Priority Listing (NPL) based on property information. The site was issued “medium” corrective action under the CORRACTS database. The corrective action process was terminated in 1996. According to the RCRA NonGen database, the site does not presently generate hazardous waste, but has several reported violations. The Finds listing refers to the RCRA listing.

- Blythe Airport is located at 17240 Hobsonway (immediately west of the Northern Parcels) and is listed in the WMUDS/SWAT, CHMIRS, and LUST databases. Riverside County is listed as the land owner under the WMUDS/SWAT database. The SWAT facility name is identified as the Blythe Airport Dump. According to the CHMIRS listing, a windstorm knocked down a transformer at the airport causing the release of 2 gallons of mineral oil containing PCBs in 2001. The incident was immediately mitigated. The LUST listing refers to the release of gasoline fuel to soil only. The airport received case closure from the overseeing regulatory agency in 2002 for gasoline-related impacts.

- Woten Aviation at 17798 Blythe Way is located approximately 0.7 miles northwest of the former Cocopah Nurseries Property and is listed as a SLIC site. No further information is provided for this site under the SLIC listing.

- Blythe RCAG is reported in the HIST UST database for maintaining a diesel UST that was installed in 1975. No further information was provided for this site under this listing.

Section 4: Historical Use Information

4.1 Former Sun World Property Historical Aerial Photographic Review

Historical aerial photographs of the Former Sun World Property and surrounding area were obtained from EDR. Photographs from 1951, 1959, 1994, and 2002 were provided to and reviewed by Kennedy/Jenks (Appendix C). Complete coverage for the Subject Property was not available for any of the years provided. Kennedy/Jenks also used aerial photography from USDA FSA, NAIP 2005 to obtain an aerial view of the Subject Property in 2005. This image is also included in Appendix C. An overview of the aerial photography is provided below:

- The Former Sun World Property is primarily vacant undeveloped desert land in the 1950s. Apparent military use is evident in the Northern and Southern Parcels. Several structures are evident in the Northern Parcels on land associated with APNs 821-080-041, 821-110-004, 821-120-025, and 821-120-026. These structures were likely built to support the BAAB that thrived in the 1940s and 1950s. Disturbed lands observed in the Southern Parcels in the 1950s were the likely location of the Tent City Army Barracks.
- Military operations ceased at the Subject Property sometime between the late 1950s and 1994. The Northern Parcels appears heavily used for farming by 1994. Military occupancy and the structures that once supported the BAAB are no longer apparent on the Northern Parcels other than remnant building foundations and dirt roadways. The Southern Parcels appear completely vacant in the 1990s.
- Little change was noted for the Former Sun World Property between 1994 and 2002 other than a shift in farmed lands within the Northern Parcels (lands once vacant in 1994 appear farmed in 2002, and vice versa).
- The shop located on APN 821-120-026 was noted in the Northern Parcels between 1951 and 2002; therefore, its construction date appears to be pre 1951.

4.2 Former Cocopah Nurseries Historical Aerial Photographic Review

Historical aerial photographs of the Former Cocopah Nurseries Property and surrounding area were obtained from EDR. Photographs from 1951, 1959, 1961, 1996, 2002, 2005, and 2006 were provided to and reviewed by Kennedy/Jenks (Appendix C). An overview of the aerial photography is provided below:

- The Former Cocopah Nurseries Property was primarily vacant undeveloped desert land in 1951. Some farming is apparent at this time on APNs 863-050-004, 863-100-008, 863-100-009, 863-100-010, 863-100-011, 863-100-016, 824-090-024, and 824-102-015. An apparent residence, likely associated with farm operations, is evident on APN 863-100-016. An open, graded area and small structures are evident immediately east of the residential area on APN 863-100-017. Several unimproved roads are viewed throughout the Former Cocopah Nurseries Property.

- In 1959 and 1961, the Former Cocopah Nurseries Property appears similar in configuration as the early 1950s. The northeast portion of the property, previously undeveloped desert terrain, appears to have been developed as farmland. Several structures of unknown use are evident along the western edge of APN 824-090-009. The 16400 Keim Boulevard area is clearly visible in the early 1960s.
- The majority of the Former Cocopah Nurseries Property appears have been developed as farmland by 1996, and appears generally similar to its present-day configuration. The footprints of four of the five existing reservoirs are evident in 1996. More structures appear to have been added to the 16400 Keim Boulevard area. Possible ponds are situated on APNs 863-040-021 and 863-040-017.
- In 2002, the Former Cocopah Nurseries Property appears similar to its current configuration, with roads dividing the land into squares. Five irrigation ponds with small structures are visible, and the ponds on the western side remain.
- Only the northeast portion of the Former Cocopah Nurseries Property was captured in the 2005 and 2006 aerials provided by EDR. These aerial views clearly show the three reservoirs located on APNs 863-060-017 and 863-060-015.

4.3 Former Sun World Property Topographic Maps

Historical topographic maps of the Subject Property were obtained from EDR. Maps from 1947, 1951, 1952, 1970, and 1975 were provided to and reviewed by Kennedy/Jenks (Appendix D). Based on this review, the following generalizations about topography for the Subject Property and surrounding area are made:

- The Northern Parcel is situated at an approximate elevation of between 336 and 400 feet above mean sea level. The Southern Parcel is at an approximate elevation of between 350 and 385 feet above mean sea level.
- The general topographic gradient of the Former Sun World Property is towards the southeast.
- Two washes are located in the vicinity of the Northern Parcels. The McCoy Wash flows to the southeast along the northeastern boundary of the Northern Parcels. The South Wash takes shape in the southeast portion of the Subject Property and flows to the southeast.
- The Subject Property lies atop the Palo Verde Mesa.

4.4 Former Cocopah Nurseries Property Topographic Maps

Historical topographic maps of the Former Cocopah Nurseries Property were obtained from EDR. Maps from 1947, 1952, 1970, and 1975 were provided to and reviewed by Kennedy/Jenks (Appendix D). Based on this review, the following generalizations about topography for the Subject Property and surrounding area are made:

- The Former Cocopah Nurseries Property is situated atop the Palo Verde Mesa.

- The majority of the Former Cocopah Nurseries lies at a generally flat topographic elevation of 325 to 330 feet above mean sea level (msl). The steepest gradient is located along the western portion of the property with a rising gradient (from east to west) of 330 feet above msl to greater than 380 feet above msl.
- The general topographic gradient of the property is towards the southeast.
- A drainage wash is immediately along the eastern border of the property.
- A pipeline is noted crossing the Former Cocopah Nurseries Property east-west in the northern area. The pipeline is first noted in 1952. No further information on the pipeline usage was included.
- Review of the 1952, 1970, and 1975 topographic maps indicates that two wells are present along the northern boundary of the Former Cocopah Nurseries Property on APNs 824-102-015 and 824-102-013.

Section 5: User Provided Information

It is Kennedy/Jenks' understanding that CFL intends to redevelop the Subject Property into a solar power plant (the Blythe Mesa Solar Project- BMSP). The BMSP would be up to a 485 megawatt (MW) photovoltaic solar power plant situated on 92 parcels totaling approximately 3,600 acres of land. Up to 330 power blocks will be built as part of the solar development; each constructed containing an equipment pad and a parking space. The Subject Property will remain utilized for farming prior to its redevelopment.

Section 6: Agency Records Review

Kennedy/Jenks used the following agency sources to obtain information on the Subject Property and surrounding area:

- ***Department of Oil, Gas & Geothermal Resources (DOGGR):*** According to Version 2.0 of the Online Mapping System (DOMS), no oil and gas wells are located within a one-mile radius of the Subject Property.

- ***National Agriculture Imager Program (NAIP), 2006:*** used to procure most recent aerial photograph of the Subject Property and surrounding area.

- ***State Water Resources Control Board (SWRCB) Geotracker Database:*** About 50 USTs that once operated the wind turbines in the farmed land of the Northern Parcels were removed in the early 1990s (Figure 4). Any remaining turbines on the Northern Parcels are now powered by propane ASTs. Residual fuel constituents are known to remain in soils beneath the Subject Property in association with 16 of the former USTs (Figure 4). However, the Colorado River Basin Regional Water Quality Control Board (RWQCB) reviewed the tank closure reports and granted a status of "no further action required" regarding fuel impacts. Furthermore, land use restrictions were not imposed on the Northern Parcels by the RWQCB.

  Farmed land once owned and operated by Sun World to the immediate northwest of the Northern Parcels also contained UST associated with the former operation of wind turbines. These former USTs have also been removed, and according to the RWQCB, any residual fuel constituents present in the subsurface from these USTs do not pose a threat to human health or the environment (Appendix E).

- ***Department of Toxic Substance Control (DTSC) Envirostor Database:*** Portions of the Subject Property were occupied by the Former Blythe Army Air Base (BAAB). The BAAB is listed in the Formerly Used Defense Site (FUDS) database. Information obtained from the Department of Toxic Substances Control (DTSC) online records indicates that three areas within the BAAB as having the potential for munitions-related impacts (Poorman, Jeep Range, and Skeet Range) based on findings presented in Parsons' Site Inspection Report, Former Blythe Army Airfield dated September 2011 (Parsons, 2011). Explosive hazards were ruled out for the BAAB during a 2011 field investigation. The Munitions & Explosives of Concern (MEC) pathway was determined incomplete for the BAAB FUDS. During the field reconnaissance performed in 2011, only spent small arms ammunition was noted. The Subject Property (BMSP) does not fall within any of three munition-related areas. In addition, no evidence of the storage, use, or disposal of chemical warfare has been identified for the BAAF FUDS listing.

  The DTSC project manager for this FUDS study area, Omoruyi Patrick, relayed to Kennedy/Jenks that no other areas within the former BAAB are under investigation other than the Poorman, Jeep Range, and Skeet Range which are not part of the Subject Property.

- ***California Department of Water Resources:*** Information provided in the California DWR online database is similar to that presented in the EDR Well Search Report (Appendix A).

Section 7: Interviews and Subject Property Reconnaissance

7.1 May 2010 Interview for the Former Sun World Property

During the property reconnaissance, Ms. Nadine Stroud had the opportunity to speak with Mr. Felix Mercado and Mr. Jesus Navarro, representatives of the Former Sun World and personnel familiar with the day-to-day farm operations performed in the Northern Parcels. The following information was obtained from our interview of these personnel:

- According to Mr. Mercado, no agricultural water wells are active in the Northern Parcels. Power used to operate the pumps of the onsite agricultural wells has been disconnected.
- Two water supply wells, used for washing activities, are located adjacent to the two onsite buildings located in the Northern Parcels. These wells are not used for drinking water, but are mainly used for washing activities. Drinking water is purchased from offsite sources.
- The irrigation reservoir located in the Northern Parcels is filled periodically by irrigation channels that transfer water from the Colorado River. Farmed lands of the Northern Parcels receive water from only the reservoirs and not from any onsite deep water source.
- Pesticides and herbicides used during farming activities are mixed near the reservoir and stored inside the shop buildings located in the Northern Parcels.
- Minimal equipment/vehicle repair takes place at the shop located on APN 821-120-026. No repair activities take place at the building located on APN 821-120-039.
- Mr. Mercado and Mr. Navarro do not have any knowledge of any historic or current land use practices on the portion of the Southern Parcels owned by Sun World.
- Nine ASTs are staged north of the shop located on APN 821-120-026 (Figure 5). The AST located to the far west of the staging area is contains gasoline used to fuel farm equipment and vehicles. Other ASTs in this area contained hydraulic fluid, engine oil, and gasoline. A used oil tank is also located in this area as well. The larger ASTs situated in the staging area once stored gasoline and served as the main gasoline reserve for the former USTs that operated the wind turbines located in the farmed areas of the Northern Parcels.
- Any remaining wind turbines in operation at the Subject Property are powered by propane stored in ASTs located adjacent to the turbines.
- Electricity is provided to the Subject Property by Southern California Edison. No natural gas or sanitary sewer services are connected to the Subject Property. A septic tank is located west of the mobile home which is attached to the shop located on APN 821-120-026 (Figure 5).

7.2 April 2011 Interview for the Former Cocopah Nurseries Property

During the property reconnaissance, Ms. Nadine Stroud had the opportunity to speak with Mr. Duane Young and Mr. Greg Young, representatives of the Former Cocopah Nurseries and personnel familiar with the day-to-day farm operations. The following information was obtained from the interview of these personnel:

- An active, three-stage clarifier is located to the east of the shop area of the Former Cocopah Nurseries Property. According to Greg and Duane Young, this clarifier is used to capture wash water from the cleaning of farm equipment and vehicles. Waste water generated from washing activities (after passage through the clarifier) is used for dust control at the farm. The oil obtained from the clarifier is collected and ultimately shipped out for disposal.

- All occupied structures (residences and shop buildings) operate on septic systems in the Former Cocopah Nurseries Property.

- No onsite wells are used for human consumption.

- Duane Young is unaware of the use of wind turbines at the Subject Property. In addition, he was unaware of any fill material present on the farm or of any dump sites within the Subject Property. Both Duane and Greg Young were unaware of any underground storage tanks at the Subject Property.

- According to Duane and Greg Young permits for operation of the ASTs and clarifier are not available since they are for agricultural purposes and are exempt.

7.3 August 2012 Interview of Riviera Property

According to CFL, the Rivera Property is fallow jojaba land and has been fallow for many years. No active farming practices are taking place on this property at this time.

7.4 Former Sun World Property Reconnaissance-Visual and Physical Observations

Ms. Nadine Stroud and Ron Prince of Kennedy/Jenks performed the property reconnaissance on 15 & 16 August 2012. Visual observations noted during the ground reconnaissance are included in the table below. Photographs of Subject Property are included in Appendix F.

Property Reconnaissance Summary Table

Feature / Characteristic	Y/N	Comments
Current Use of Property	NA	Vacant desert land and farming.

Property Reconnaissance Summary Table

Feature / Characteristic	Y/N	Comments
Underground Storage Tanks (USTs)	Y	About 50 USTs that once operated the wind turbines in the farmed land of the Northern Parcels were removed in the early 1990s (Figure 4). Any remaining turbines on the Parcels are now powered by propane ASTs. Residual fuel constituents are known to remain in soils beneath the Northern Parcels in association with 16 of the former USTs (Figure 4). However, the Colorado River Basin Regional Water Quality Control Board (RWQCB) reviewed the tank closure reports and granted a status of "no further action required" regarding fuel impacts. Furthermore, land use restrictions were not imposed on the Northern Parcels by the RWQCB.
Aboveground Storage Tanks (ASTs)	Y	Nine ASTs are staged north of the shop located on APN 821-120-026 (Figure 5). The AST located to the far west of the staging area contains gasoline used to fuel farm equipment and vehicles. Other ASTs in this area contained hydraulic fluid, engine oil, and gasoline. A used oil tank also located in this area as well. The larger ASTs situated in the staging area once stored gasoline and served as the main gasoline reserve for the 50 USTs that operated the wind turbines located in the farmed areas of the Northern Parcels.
Septic Tanks	Y	No sanitary sewer service is connected to the Former Sun World Property. A septic tank is located west of the mobile home which is attached to the shop located on APN 821-120-026 (Figure 5).
Drainage Systems	Y	Surface water present at the Former Sun World Property penetrates the unpaved ground surface and infiltrates through the underlying subsurface.
Sumps	N	
Subterranean Maintenance Pits	Y	Vehicle repair/maintenance was performed at both shops located in the Northern Parcels. Minor automotive repair still occurs at the northern-most shop located on APN 821-120-026 (Figure 5). Subterranean repair pits (approximately 3 feet wide by 15 feet long by 5 feet deep, are located at both shops. The pit associated with the northern-most shop remains active; the pit located at the southern-most shop (APN 821-120-026) has been backfilled with dirt and no longer appears in use.
Clarifiers	N	
Hoists or Lifts	N	
Drums and Containers	Y	Containers of various sizes were observed throughout the Northern Parcel, especially on APN 821-120-026 in the vicinity of the shop. Some of the products observed to be stored in these containers/drums include deadline bullets, foliar phosphate, basic copper sulfate, paint, fuel, pesticides, concrete mix, agricultural nutrients, transmission and hydraulic oils, potassium nitrate, propane, fungicide/bactericide, nutria-phite magnum (fertilizer), calcium, multigear lubricant, specialized lubricant, unknown drum contents with hazardous waste labeling on their exterior, and household cleaning products.

Property Reconnaissance Summary Table

Feature / Characteristic	Y/N	Comments
Dumping or Filling Activities	Y	An apparent dump area was observed on APN 821-110-004 (Figure 6). This area appeared to contain burnt debris, likely related to former military occupancy. Several debris piles of building materials (concrete, wood, metal) were observed throughout APNs 821-110-004, 821-120-025, and 821-120-026 (Figure 6). These materials were likely associated with the demolition of the former military establishment. Scattered debris, mostly of discarded household goods (appliances and mattresses), automobiles, and building materials were noted throughout the Southern Parcel.
Florescent Lighting	N	
Floor Drains	Y	Drains are located outside the shop located on APN 821-120-026. It is Kennedy/Jenks understanding that these drains are connected to the septic system
Hazardous Chemicals (Storage, Use, Disposal)	Y	Hazardous materials, in support of daily farm functions, are stored and used in the Northern Parcels. Most of these materials are kept inside or near the shops located in the Northern Parcels.
Petroleum Hydrocarbon Containers	Y	Several empty containers were observed to have stored petroleum products of some nature. Containers, mostly between 5- and 55-gallon capacities, were observed inside or in close proximity to the two shops located in the Northern Parcels. These containers were noted to store small quantities of fuel, oils, coolants, etc.
Materials Spills	N	No reported spills of significance were noted during the reconnaissance.
Monitor/Supply/ Disposal Wells	Y	Five water wells are located in the Northern Parcels. One domestic water well is located on APN 821-120-026 and is located alongside the northwest exterior of the shop. Another domestic water well is situated on APN 821-120-039 and is located in close proximity to the shop located on that parcel. A third domestic well is located on APN 821-110-004 and appears to have been used in association with the former military operations of the Blythe Army Air Base (BAAB). Two irrigation wells are located on APNs 821-120-039 and 824-110-036. Figure 3 shows the locations of the wells on the Subject Property.
Odors	Y	Apparent fuel odors were noted in the vicinity of the nine ASTs.
Air Emissions	N	
Unusually Stained or Corroded Pavement or Flooring	N	
Pesticide/Herbicide Usage or Storage	Y	Pesticides and herbicides are stored and used in the Northern Parcels as part of farming operations. These materials are primarily stored inside the onsite buildings and are mixed adjacent to the reservoir. Given their known application, these constituents are expected to be present in shallow soils of the farmed lands of the Northern Parcels.

Property Reconnaissance Summary Table

Feature / Characteristic	Y/N	Comments
Pits, Ponds, Lagoons, Reservoirs	Y	One reservoir is present in the Northern Parcels (Figure 3). This reservoir stores water pumped in from the Colorado River and the water is used to irrigate the farmed lands of the Northern Parcels.
Pools Of Liquid	N	
Roads And Trails With No Apparent Purpose	N	Several unpaved roadways are present throughout the Northern Parcels (primarily shown on Figure 6). Many of these roads are associated with the former military occupancy of the Northern Parcels.
Stained Or Disturbed Soil	Y	Stained groundcover was observed north of the service area of the shop located on APN 821-120-026. In addition, staining was observed inside the secondary containment established for the ASTs.
Stressed Vegetation	N	
Toxic Substances	Y	See write-ups for pesticides/herbicides, hazardous chemicals, petroleum hydrocarbon containers, and drums and containers.
Unidentified Containers/Substances	Y	Several containers of unknown content were observed inside and in close proximity to the shops located in the Northern Parcels.
High Voltage Power Lines/ Magnetic Fields	N	
Fiber Optics Lines	N	
Waste Water Generation	N	
Solid & Liquid Waste Storage	Y	A used oil AST is present in the tank staging area located in the Northern Parcels. Other wastes of hazardous nature were observed in 55-gallon drums and were located near the tank staging area. Small containers of spent oil were observed in the equipment yard located east of the shop on APN 821-120-026.
Electrical Transformers	Y	One pole-mounted transformer is located in the Northern Parcel near the shop located on APN 821-120-026.
Neighboring Property USTs	Y	Farmed land once owned and operated by Sun World to the immediate northwest of the Northern Parcels also contained UST associated with the former operation of wind turbines. These former USTs have also been removed, and according to the RWQCB, any residual fuel constituents present in the subsurface from these USTs do not pose a threat to human health or the environment (Appendix E).

7.5 Former Cocopah Nurseries and Riviera Property Reconnaissance-Visual and Physical Observations

Ms. Nadine Stroud and Ron Prince of Kennedy/Jenks performed the property reconnaissance at the Former Cocopah Nurseries and Riviera Properties on 15 and 16 August 2012. Visual observations noted during the ground reconnaissance are included in the table below. Photographs of Subject Property are included in Appendix F.

Property Reconnaissance Summary Table

Feature / Characteristic	Y/N	Comments
Current Use of Property	NA	Vacant desert land and farming.
Underground Storage Tanks (USTs)	N	No records of USTs were found. Cocopah Nurseries representatives were unaware of any USTs.
Aboveground Storage Tanks (ASTs)	Y	Three fuel ASTs (two diesels and one gasoline) were observed south of the shop building located at APN 863-100-017. All three appear to be actively used for fuel storage and dispensing. These ASTs are mounted in a secondary containment area. Hydrocarbon odors and staining, inside and outside the containment area, were observed. Several small containers of fuel-related products and other chemicals were observed in the vicinity of the ASTs.
Septic Tanks	Y	No sanitary sewer service is connected to the Former Cocopah Nurseries and Riviera Properties. All occupied structures (residences and shop buildings) operate on septic systems.
Drainage Systems	Y	Surface water present at the Former Cocopah and Riviera Properties penetrates the unpaved ground surface and infiltrates through the underlying subsurface.
Sumps	N	
Subterranean Maintenance Pits	N	
Clarifiers	Y	An active, three-stage clarifier is located to the east of the shop area, and used to capture wash water from the cleaning of farm equipment and vehicles.
Hoists or Lifts	N	
Drums and Containers	Y	Stored in and around the shop area and near the reservoirs.
Dumping or Filling Activities	N	
Florescent Lighting	N	
Floor Drains	Y	Drains are located outside the shop located on APN 821-120-026. It is Kennedy/Jenks' understanding that these drains are connected to the septic system.
Hazardous Chemicals (Storage, Use, Disposal)	Y	Hazardous materials, in support of daily farm functions, are stored and used in an around the shop.
Petroleum Hydrocarbon Containers	Y	Several empty containers were observed to have stored petroleum products of some nature. Containers, mostly between 5- and 55-gallon capacities, were observed inside or around the shop. These containers were noted to store small quantities of fuel, oils, coolants, etc.
Materials Spills	N	No reported spills of significance were noted during the reconnaissance.
Monitor/Supply/ Disposal Wells	Y	An abandoned well is located on APN 863-030-005 (Riviera Property). The steel cover to this well was welded closed; therefore, access to the well was not possible. On the Former Cocopah Nurseries Property, two tandem, domestic wells are located on APN 863-100-016 near the residence and are used for non potable purposes. The remaining water wells located on this property are inactive irrigation wells. Figure 3 shows the locations of the wells on the Subject Property.
Odors	Y	Apparent fuel odors were noted in the vicinity of the three ASTs on the Former Cocopah Nurseries Property.
Air Emissions	N	

Property Reconnaissance Summary Table

Feature / Characteristic	Y/N	Comments
Unusually Stained or Corroded Pavement or Flooring	N	
Pesticide/Herbicide Usage or Storage	Y	Pesticides and herbicides are stored and used as part of farming operations. These materials are primarily stored inside the onsite buildings and are mixed adjacent to the reservoirs. Given their known application, these constituents are expected to be present in shallow soils.
Pits, Ponds, Lagoons, Reservoirs	Y	Five reservoirs are present at the Former Cocopah Nurseries Property (Figure 3). These reservoirs store water pumped in from the Colorado River and the water is used to irrigate the farmed land.
Pools Of Liquid	N	
Roads And Trails With No Apparent Purpose	N	
Stained Or Disturbed Soil	Y	Stained soils were observed near the shop, the concrete pad south of the shop, the clarifier to east of the shop, and the ASTs to the south of the shop.
Stressed Vegetation	N	
Toxic Substances	Y	See pesticides/herbicides, hazardous chemicals, petroleum hydrocarbon containers, and drums and containers discussed above.
Unidentified Containers/Substances	N	
High Voltage Power Lines/ Magnetic Fields	N	
Fiber Optics Lines	Y	An apparent fiber optics line runs along an east-west transect of the Former Cocopah Nurseries Property.
Waste Water Generation	N	
Solid & Liquid Waste Storage	Y	In and around the shop and the clarifier.
Electrical Transformers	N	
Neighboring Property USTs	NA	Unknown, not researched at this time.

Section 8: Historical Materials of Concern

8.1 Suspect Asbestos-Containing Materials

While the use of asbestos in the manufacture of most building materials has not been fully prohibited by law, the use of asbestos, for the most part, has voluntarily been discontinued since the late 1970s. Some non-friable materials, such as roofing material and floor coverings (floor tile and mastic) may have been manufactured with asbestos materials and may have been used into the early 1980s.

Pertaining to the Former Sun World Property, given the shop located on APN 821-120-026 was constructed in the 1940s, and that the other shop located on APN 821-120-039 was likely built in the 1970s, asbestos-containing materials (ACM) may be present in the building materials of the structures located in the Former Sun World Property.

Given that some of the buildings located on APN 863-100-016 and APN 863-100-017 were constructed before the 1970s, ACM may be present in the building materials of the structures within the Former Cocopah Nurseries Property.

No structures are present on the Rivera Property; therefore, ACM is not a concern in this area.

8.2 Lead-based Paint

In 1978, the Consumer Products Safety Commission banned paint and other surface coating materials containing lead. Given the structures located on both the Former Sun World and Former Cocopah Nurseries Properties were constructed prior to or during the 1970s, lead-based paint (LBP) may be present at the Subject Property in the building materials of onsite structures.

8.3 PCB Equipment

Polychlorinated biphenyls (PCBs) were historically used as coolants and lubricants in transformers, capacitors, and other electrical equipment beginning in 1929 because they do not burn easily and serve as a good insulating material. On the Former Sun World Property, one pole-mounted transformer was identified near the shop located on APN 821-120-026. There is no documented or observed release of PCBs associated with this transformer. No transformers were observed on the Former Cocopah Nurseries or Rivera Properties.

8.4 Radon

Based on the location of the Subject Property, according to information provided by the United States Environmental Protection Agency (USEPA), radon levels in Riverside County, California are reported at the USEPA action level of greater than 2.0 picocuries per liter (pCi/L) and less than 4pCi/L.

8.5 Mold

Kennedy/Jenks did not (i) perform a mold/fungi inspection, (ii) perform any building material surface mold sampling, or (iii) perform air sampling for mold spores at the Subject Property as part of this Phase I ESA.

Section 9: Findings and Recommendations

9.1 Findings

Kennedy/Jenks conducted a Phase I ESA for the BMSP (3,600 acres of vacant and farmed land) located approximately 7 miles west of the City of Blythe, California. Based on Kennedy/Jenks review, the following REC is listed for consideration:

FUDS	Portions of the Subject Property were occupied by the Former Blythe Army Air Base (BAAB). The BAAB is listed in the Formerly Used Defense Site (FUDS) database. Information obtained from the Department of Toxic Substances Control (DTSC) online records indicates that three areas within the BAAB as having the potential for munitions-related impacts (Poorman, Jeep Range, and Skeet Range) based on findings presented in Parsons' Site Inspection Report, Former Blythe Army Airfield dated September 2011 (Parsons, 2011). Explosive hazards were ruled out for the BAAB during a 2011 field investigation. The Munitions & Explosives of Concern (MEC) pathway was determined incomplete for the BAAB FUDS. During the field reconnaissance performed in 2011, only spent small arms ammunition was noted. The Subject Property (BMSP) does not fall within any of three munition-related areas. In addition, no evidence of the storage, use, or disposal of chemical warfare has been identified for the BAAF FUDS listing. The DTSC project manager for this FUDS study area, Omoruyi Patrick, relayed to Kennedy/Jenks that no other areas within the former BAAB are under investigation other than the Poorman, Jeep Range, and Skeet Range which are not part of the Subject Property.

Although not identified as RECs, the following Historical REC and Notable Findings should be taken into consideration:

USTs (Historical REC)	About 50 underground storage tanks (USTs) that once operated the wind turbines in the farmed land of the Northern Parcels were removed in the early 1990s. Any remaining turbines on the Northern Parcels are now powered by propane ASTs. Residual fuel constituents are known to remain in soils beneath the Subject Property in association with 16 of the former USTs. However, the Colorado River Basin Regional Water Quality Control Board (RWQCB) reviewed the tank closure reports and granted a status of "no further action required" regarding fuel impacts. Furthermore, land use restrictions were not imposed on the Northern Parcels by the RWQCB.

Onsite Water Wells **(Notable Finding)**	A total of 12 water wells are situated on the Subject Property (7 domestic wells and 5 irrigation wells). Onsite irrigation wells are inactive and any in-use domestic wells (APNs 821-120-026, 821-120-039, and 863-100-016) are used for non potable purposes (i.e. washing). Any onsite wells that are to remain unused should be properly abandoned. Five of the 12 water wells are located in the Northern Parcels. One domestic water well is located on APN 821-120-026 and is located alongside the northwest exterior of the shop. Another domestic water well is situated on APN 821-120-039 and is located in close proximity to the shop located on that parcel. A third domestic well is located on APN 821-110-004 and appears to have been used in association with the former military operations of the Blythe Army Air Base (BAAB). Two irrigation wells are located on APNs 821-120-039 and 824-110-036. Seven water wells are located in the Southern Parcels. Two abandoned wells were observed in association with the former BAAB on APNs 879-090-040 and 879-110-013. The well located on APN 879-090-040 was backfilled to approximately 5 feet below grade. The well located on APN 879-110-013 was open to approximately 30 to 40 feet below grade. An third abandoned well is located on APN 863-030-005. The steel cover to this well was welded closed; therefore, access to the well was not possible. Two tandem, domestic wells are located on APN 863-100-016 near the residence and are used for non potable purposes. The remaining water wells located in the Southern Parcels are inactive irrigation wells.
Vehicle/Equipment Repair & Maintenance Operations **(Notable Finding)**	Three buildings used for vehicle/equipment repair and maintenance (shops) are located on the Subject Property on APNs 821-120-026 (Northern Parcels), 821-120-039 (Northern Parcels), and 863-100-017 (Southern Parcels). In addition these buildings are currently used for the storage of farm-related items. As commonly seen on farms of this type, minor staining of apparent fuels was observed on the paved and dirt surfaces in the vicinities of these three shops. Subterranean repair pits, approximately 3 feet wide by 15 feet long by 5 feet deep, are present at the Northern Parcel shops. Minimal maintenance and repair still occurs at the shop located on APN 821-120-026. The pit located at the southern-most building (APN 821120026) has been backfilled with dirt and is no longer in use. Given their use for vehicle maintenance and repair, fuel-related constituents may be present in subsurface soils in the vicinities of all three shops discussed above.

ASTs **(Notable Finding)**	Nine aboveground storage tanks (ASTs) are located north of the shop on APN 821-120-026 (Northern Parcels). The AST located to the far west of the tank area contains gasoline used to fuel farm equipment and vehicles. Other ASTs in this area are used for the storage of hydraulic fluid, engine oil, and gasoline. A used oil tank is also located in this area. The larger ASTs situated in the eastern portion of the tank area store gasoline and served as the main gasoline reserve for the USTs that operated the wind turbines located in the farmed areas of the Northern Parcels. Three fuel ASTs (two diesels and one gasoline) were observed south of the shop located at APN 863-100-017 (Southern Parcels). All three appear to be actively used for fuel storage and dispensing. These ASTs are mounted in a secondary containment area. Surface staining was noted inside the containment area during Kennedy Jenks' August 2012 reconnaissance. Several small containers of fuel-related products and other chemicals were observed in the vicinity of the ASTs. In accordance with the California Aboveground Petroleum Storage Act (APSA) fuel-related ASTs within the Subject Property are exempt from the APSA program because the Subject Property is used for agricultural purposes and the cumulative storage tank capacity does not exceed 100,000 gallons. Furthermore, the ASTs of the Subject Property are exempt from the U.S. Environmental Protection Agency (EPA) SPCC Program because the Subject Property ASTs are not near waters of the U.S. (i.e. shorelines, streams, rivers, lakes, etc.).
Clarifier **(Notable Finding)**	An active, three-stage clarifier is located to the east of the maintenance and repair building located on APN 863-100-017. The clarifier is used to capture wash water from the cleaning of farm equipment and vehicles. Waste water generated from washing activities (after passage through the clarifier) is used for dust control at the farm. The oil obtained from the clarifier is collected and ultimately shipped out for disposal. Given its use, chemical constituents such as petroleum hydrocarbons, chlorinated solvents, pesticides/herbicides may be present in subsurface soils in the vicinity of the clarifier. In accordance with the California APSA, the clarifier on APN 863-100-017 is exempt from the APSA program because the Subject Property is used for agricultural purposes.
Pesticide/Herbicide Storage & Application **(Notable Finding)**	As is typical with farming operations, pesticides and herbicides are applied in the farmed areas of the Subject Property. Historically, pesticides and herbicides have been stored in the shops located in the Northern Parcels (APNs 821-120-026 and 821-120-039). In the Southern Parcels, pesticides and herbicides appear to be mainly

	stored in a trailer just north of the shop located on APN 863-100-017.
Lead-Based Paint and Asbestos-Containing Materials **(Notable Finding)**	Given the older age of the shops located on the Subject Property (APNs 821-120-026, 821-120-039, and 863-100-017), lead-based paint (LBP) and asbestos-containing material (ACM) may be present in the building materials of these structures.
BAAB Artifacts **(Notable Finding)**	Portions of the Northern Parcels were used by the BAAB in the early 1940's. The air base was declared surplus and abandoned by the US Army in 1944 and later became a sub-base of Muroc Army Air Field on 30 June 1945. It was inactivated on 18 October 1945, although during October-December 1946, it was used for desert maneuvers. The War Assets Administration returned the air base to civil control in 1947.Several foundations of the former military operations were observed in the Northern Parcel. Piles of building material debris including wood, metal, and concrete were observed at the abandoned military sites (APN 821-110-004, 821-120-026, 821-120-025, 879-090-040, and 879-110-013). Portions of the Subject Property occupied by the Former BAAB were used for barracks, utility shop & yard, warehouses, a hospital, tent camps. The domestic well located on APN 821-110-004 appears to have been used in association with the former military operations of the BAAB. Two abandoned wells were observed in association with the former BAAB on APNs 879-090-040 and 879-110-013. A large area of disintegrated asphalt cover was observed in an area south of the northern-most maintenance/storage building (APN 821-120-025). Review of a 1942 aerial photograph of the BAAB suggests that this material is remnant of the former military occupancy at the Subject Property. Several abandoned features associated with the former military operations were observed during the reconnaissance, including possible cisterns, fire hydrants, piping, broken vitreous clay pipes most likely used for storm water runoff, and storm water line access ports. A burn/dump area was noted in the Northern Parcel on APN 821-110-004. This area is not included as part of the FUDS study area discussed above and it is not reported to pose an explosive hazard risk based on the findings of the Parsons' 2011 field investigation (Parsons, 2011).
Chemical Storage in Containers/Drums	55-gallon drums of mainly hydraulic oil, engine oil, and waste oil were noted on pallets near the clarifier area on APN 863-100-017.

(Notable Finding)	Several chemical containers were observed inside the shop and inside the north-adjoining trailer located on APN 863-100-017. More farm-related chemical containers were observed inside a storage container located to the west of the shop. Chemicals noted during the reconnaissance included fuels, fertilizer, herbicides, paints, oils (hydraulic, transmission, engine), cleaners, etc.
Septic Systems **(Notable Finding)**	The shop located on APN 821-120-026 operates on a septic system believed to be located southwest of the building. All occupied structures in the Southern Parcels (residences and shops) operate on septic systems (APNs 863-100-016, 863-100-017, and 863-060-015). Septic systems treat and disperse relatively small volumes of wastewater. When properly sited, designed, constructed and operated they pose a minimal threat to subsurface quality, but when improperly used or operated, septic systems can be a significant source of subsurface contamination.
Drains **(Notable Finding)**	Exterior drains were observed in the vicinity of the shop located on APN 821-120-026. Given the long history of this shop being used for vehicle maintenance/repair (since the early 1940s) and the storage of farm-related chemicals, the drain serves as a potential conduit through which chemicals have the means of entering the subsurface.
Storage Yards **(Notable Finding)**	Two storage yards are located on the Subject Property, one in the Northern Parcels on APN 821-120-026 and the other in the Southern Parcels on APN 863-100-017. The storage yard on APN 821-120-026 is used to store various items, including water well parts, farm equipment, portable bathrooms, vehicles, portable tanks, poly containers, etc. The storage yard on APN 863-100-017 is used for the storage of various farm equipment and supplies, including vehicles, tires, poly containers, etc.
Discarded Items & Housekeeping Practices **(Notable Finding)**	Discarded items were observed on the vacant portions of the Subject Property, including an abandoned car, old appliances, mattresses, metal and wood debris, etc. Poor housekeeping practices were observed near the residence on APN 863-060-015. Several empty, 55-gallon poly drums were scattered around the perimeter of the nearby reservoir.

9.2 Recommendations

Several areas were identified in preparing this Phase I ESA as having the potential for chemical impact to the subsurface based on current and/or past land use practices. The magnitude and extent of chemical impact to the subsurface in these areas can be quantified and delineated

through a limited characterization effort conducted at the Subject Property. Areas of potential chemical impact and the most likely constituents of concern in these areas are listed below:

- Subterranean repair stations located near the shops on APN 821-120-026 and 821-120-039 (petroleum hydrocarbons, VOCs, heavy metals)
- Oil-stained ground cover near the shops on APNs 821-120-026, 821-120-039, 863-100-017 (petroleum hydrocarbons, VOCs, metals)
- AST staging areas on APNs 821-120-026 and 863-100-017 (petroleum hydrocarbons, VOCs, heavy metals)
- Three-stage clarifier located to the east of the shop area on APN 863-100-017 (petroleum hydrocarbons, VOCs, metals, pesticides/herbicides)
- Drains and septic systems located in the vicinities of the shops and residences (VOCs, metals, petroleum hydrocarbons, pesticides/herbicides)
- Burn/dump area located on APN 821-110-004 (heavy metals and PAHs)
- Pesticides and herbicides located in the vicinities of the shops/storage trailers and farmed lands

Other recommendations are as follows:

- Should the Subject Property be redeveloped as a solar power plant, water wells (irrigation & domestic) located on the Subject Property that are no longer in use should be properly abandoned.
- Minimal soil disturbance (upper 3 feet bgs) is anticipated to accommodate the development of a solar power facility at the Subject Property. Any soils removed from the Subject Property should be properly profiled for reuse or disposal purposes.
- Debris scattered throughout the Subject Property should be removed and disposed at a recycling facility or landfill, as appropriate.
- A pre-demolition LBP and ACM survey should be performed prior to demolition of the onsite buildings.
- No further environmental action to water quality beneath the Subject Property is suggested at this time. Water quality does not appear to be an issue for the Subject Property as the neighboring Blythe Municipal Airport is the location of a new water supply well servicing CSA 122. Water supply well (Well Number 8) was installed at the SE portion of the airport. Water derived from this well is only being treated for arsenic and fluoride. Fuels and pesticides/herbicides used and stored at the Subject Property do not appear to be of concern for water quality; therefore, the potential is low for chemical impacts to exist in groundwater beneath the Subject Property resulting from past or current land use.

- The Subject Property will continue to be used for farming and eventually for solar energy generation; residential land use is not planned for the Subject Property. Therefore, risk to human health from exposure to chemically impacted soils (i.e. fuels, pesticides, herbicides) at the Subject Property, should they be present, is not believed to be a significant concern. For this reason, no further evaluation into health risk at the Subject Property is warranted at this time.

Section 10: References

Published References

Environmental Data Resources, Inc.21 May 2010. EDR DataMap Well Search Report.

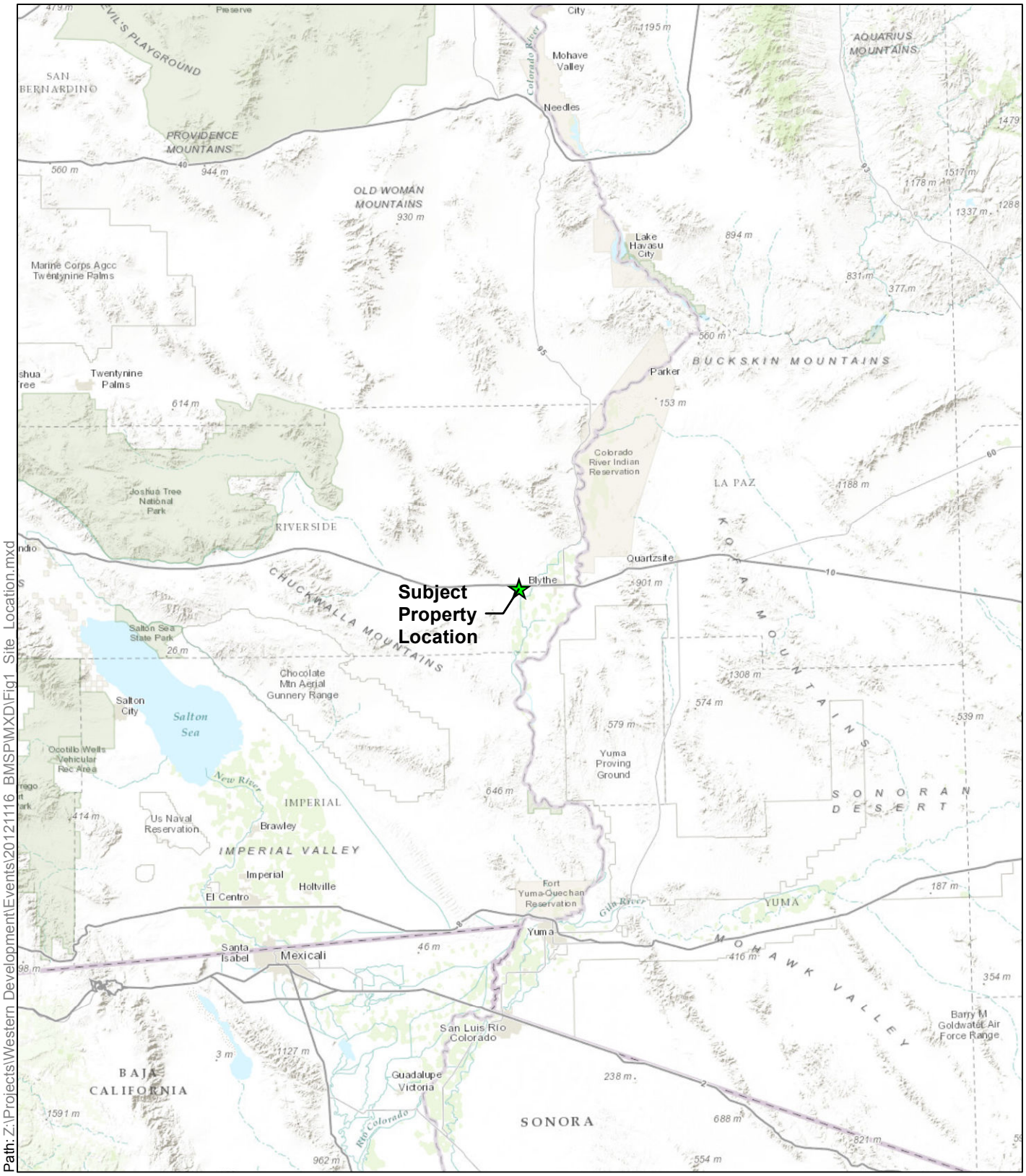
Environmental Data Resources, Inc. 19 May 2010. EDR Historical Topographic Map Report.

Environmental Data Resources, Inc. 21 May. EDR DataMap Area Study.

Environmental Data Resources, Inc. 28 May. EDR Historical Aerial Package.

GaiaTech Inc. 25 March 2003. Phase I Environmental Site Assessment and Compliance Review.

Figures



Path: Z:\Projects\Western Development\Events\20121116 BMSP\MXD\Fig1 Site Location.mxd

Sources: Esri

N

0 12.5 25

Miles

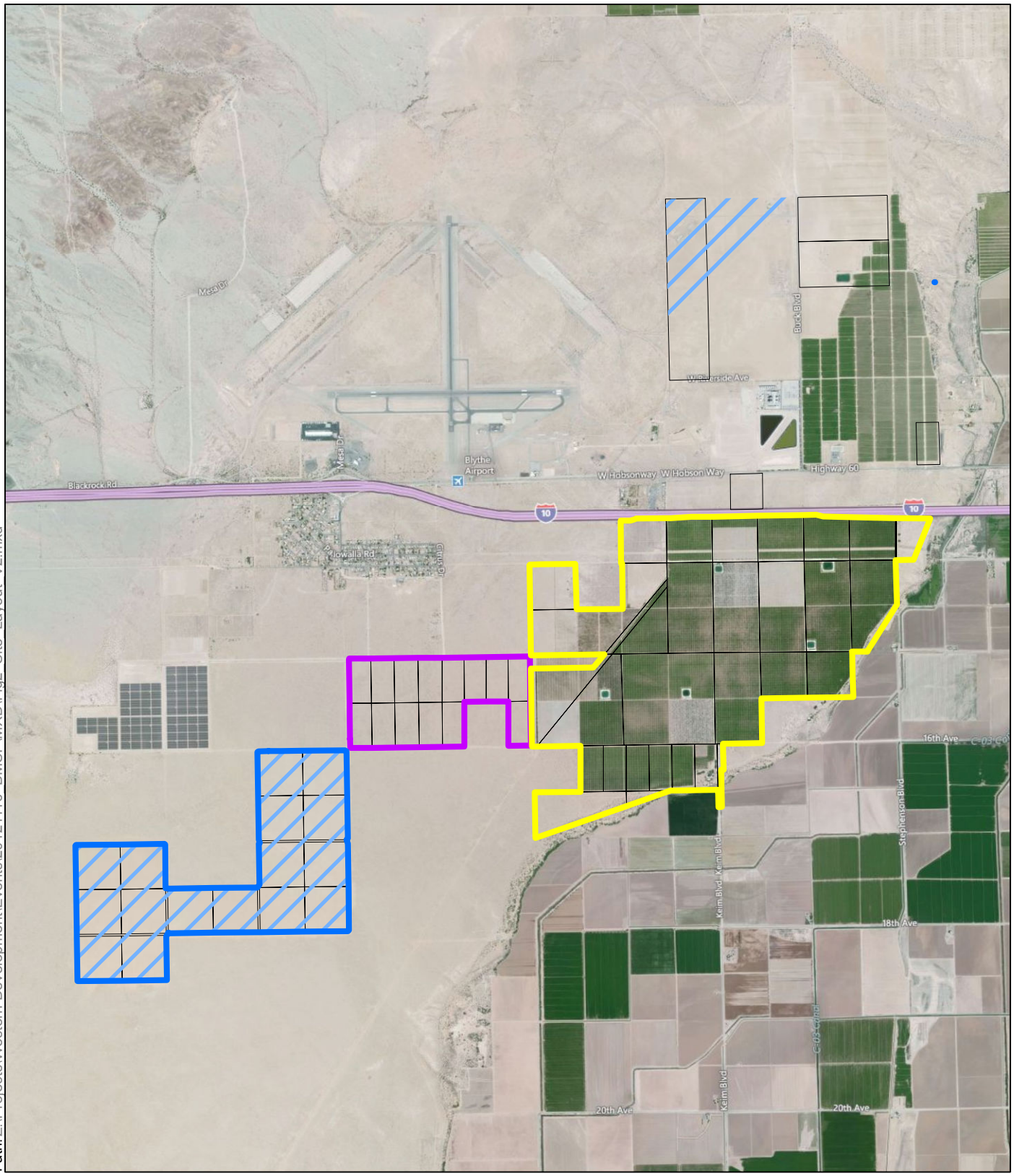
Kennedy/Jenks Consultants

Blythe Mesa Solar Project
Riverside County, California

Subject Property Vicinity Map

K/J 1283030*00
November 2012

Figure 1



Path: Z:\Projects\Western Development\Events\20121116 BMSP\MXD\Fig2 Site Layout V2.mxd

Sources: (c)2009 Microsoft Corporation

Legend

- Former Cocopah Nurseries Property
- Former Sun World Property
- Riviera Property
- Former BAAB Occupancy
- Parcel Boundary

N

0 2,000 4,000

Feet

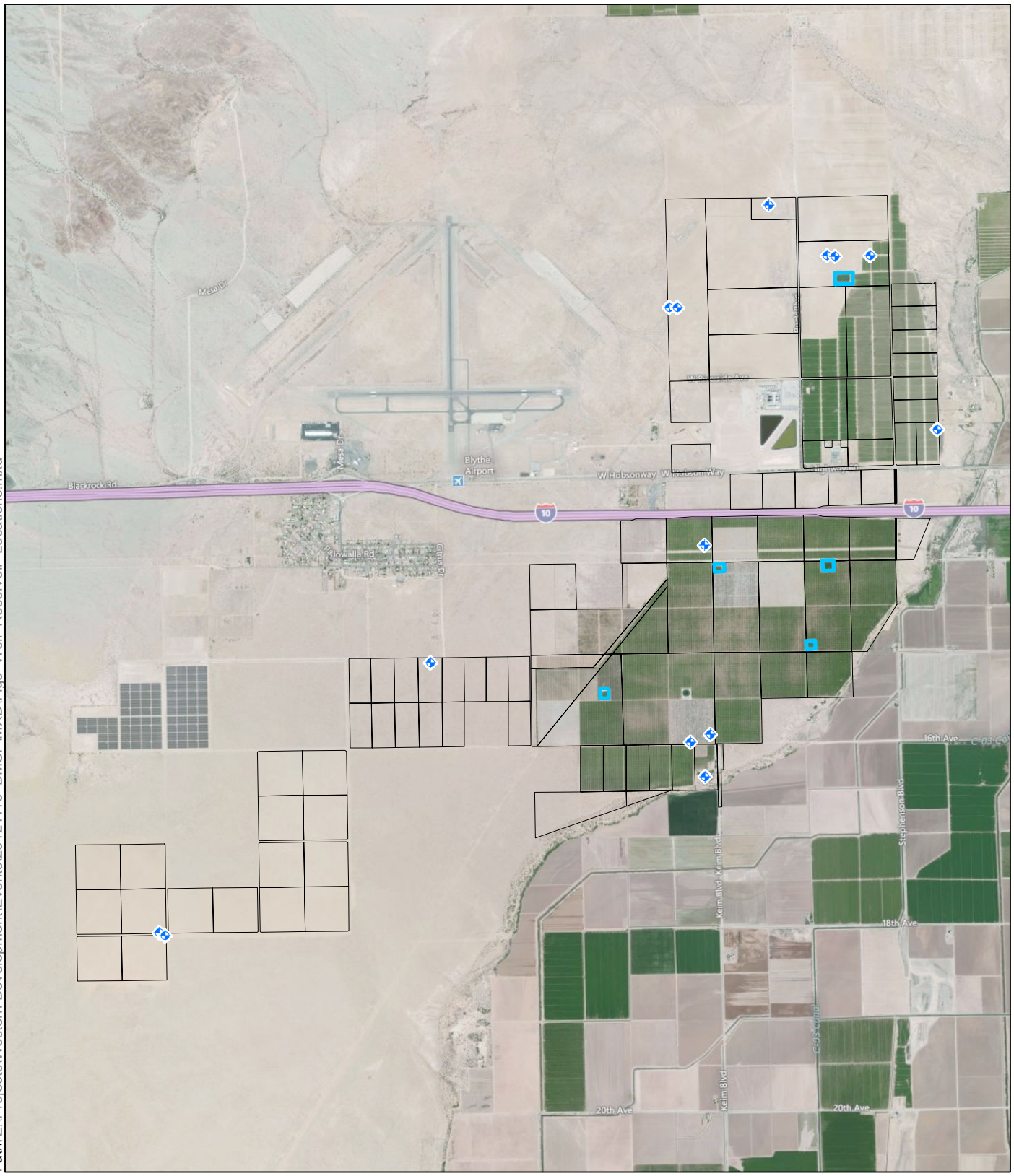
Kennedy/Jenks Consultants

Blythe Mesa Solar Project
Riverside County, California

Subject Property Layout Map

K/J 1283030*00
November 2012

Figure 2



Path: Z:\Projects\Western Development\Events\20121116 BMSP\MXD\Fig3 Well Reservoir Locations.mxd

Sources: (c)2009 Microsoft Corporation

Legend

- Subject Property Water Well
- Reservoir
- Parcel Boundary

N

0 2,000 4,000

Feet

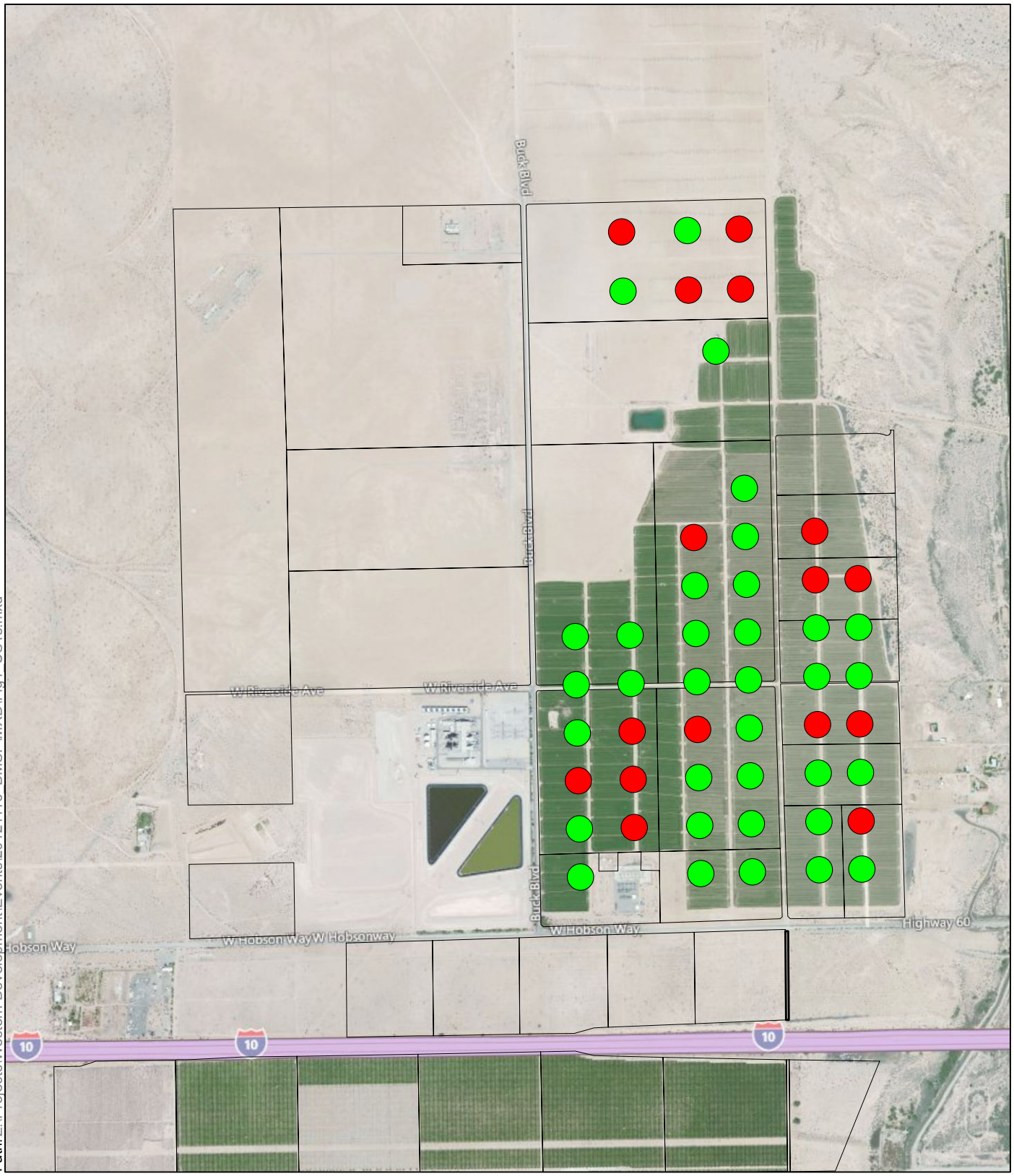
Kennedy/Jenks Consultants

Blythe Mesa Solar Project
Riverside County, California

Onsite Water Supply Wells and Reservoir Locations

K/J 1283030*00
November 2012

Figure 3



Path: Z:\Projects\Western Development\Events\20121116_BMSP\MXD\Fig4_USTs.mxd

Sources: (c)2009 Microsoft Corporation

Legend

- UST Removed
- UST Removed with Reported Fuel Impacts to Soil
- Parcel Boundary

N

0 750 1,500

Feet

Kennedy/Jenks Consultants

Blythe Mesa Solar Project
Riverside County, California

Former Underground Storage Tank Locations (Northern Parcel Farmed Lands)

K/J 1283030*00
November 2012

Figure 4

Path: Z:\Projects\Western Development\Events\20121116_BMSP\MXD\Fig5_MaintenanceShop.mxd

Aerial Source: © 2009 Microsoft Corporation.

N

0 100

Scale: Feet

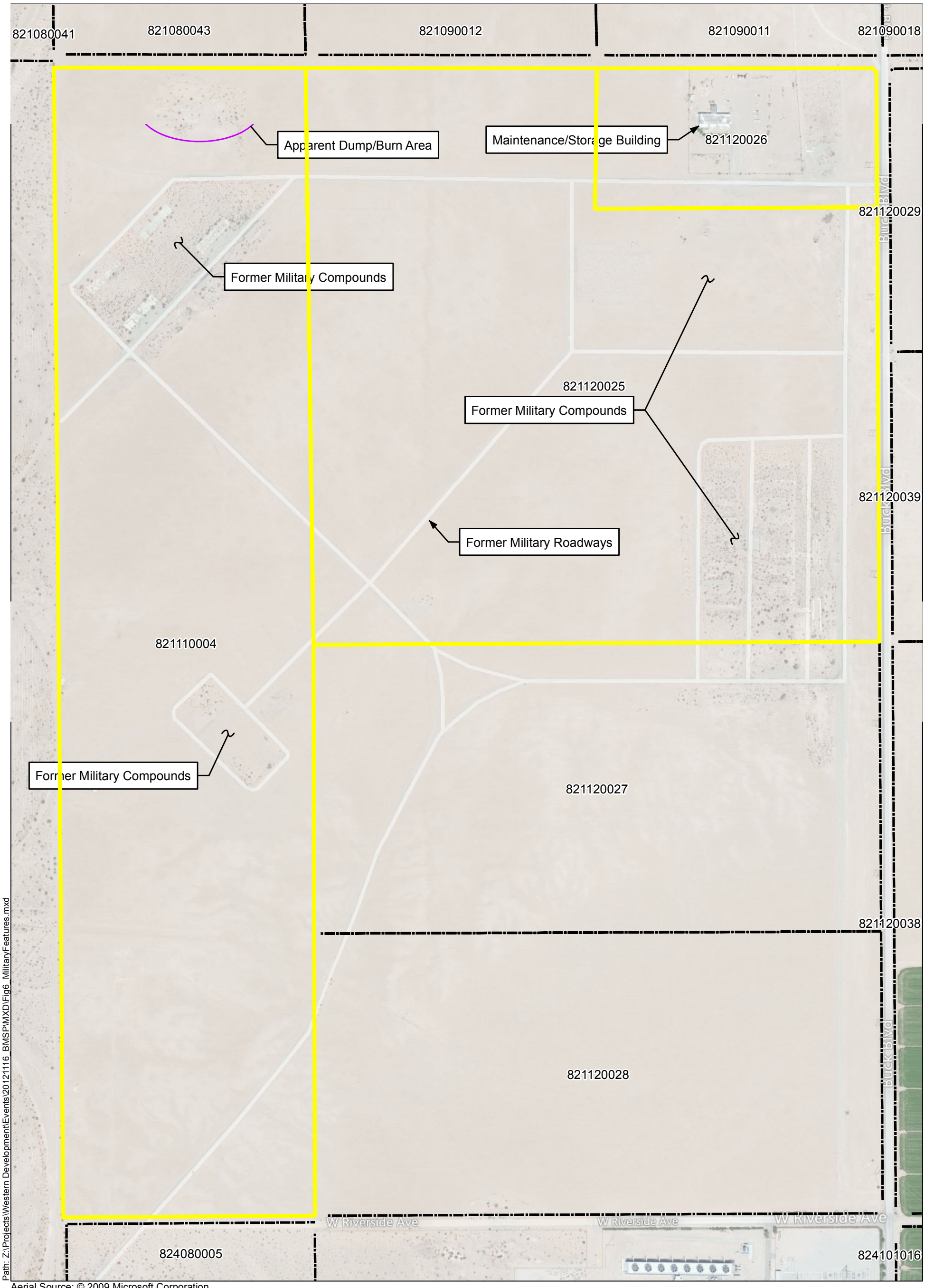
Kennedy/Jenks Consultants

Blythe Mesa Solar Project
Riverside County, California

Maintenance/Storage Building
APN # 821120026

K/J 1283030*00
November 2012

Figure 5



Path: Z:\Projects\Western Development\Events\20121116_BMSP\MXD\Fig6_MilitaryFeatures.mxd

Aerial Source: © 2009 Microsoft Corporation

Legend

Subject Property Parcels

N

0 500

Scale: Feet

Kennedy/Jenks Consultants

Blythe Mesa Solar Project
Riverside County, California

Northern Parcel
Former Military Installment Features

K/J 1283030*00
November 2012

Figure 6

Appendix A

EDR RadiusMap Well Search Report

BM
Blythe, CA 92225

Inquiry Number: 3386243.1w
August 14, 2012

EDR DataMap™ Well Search Report

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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GEOCHECK VERSION 2.1
SUMMARY

FEDERAL DATABASE WELL INFORMATION

MAP ID	WELL ID
1	USGS3084233
2	USGS3084220
3	USGS3084398
4	USGS3084385
5	USGS3084315
6	USGS3084312
7	USGS3084509
8	USGS3084492
10	USGS3084491
9	USGS3084493
11	USGS3084489
11	USGS3084488
9	USGS3084484
12	USGS3084468
13	USGS3084469
14	USGS3084448
15	USGS3084445
16	USGS3084618
16	USGS3084617
16	USGS3084616
17	USGS3084619
18	USGS3084603
16	USGS3084602
19	USGS3084598
20	USGS3084591
21	USGS3084588
22	USGS3084589
23	USGS3084582
24	USGS3084563
25	USGS3084564
26	USGS3084548
25	USGS3084541
25	USGS3084521
27	USGS3084712
27	USGS3084706
27	USGS3084675
28	USGS3084674
29	USGS3084657
28	USGS3084646
29	USGS3084651
29	USGS3084650
29	USGS3084648
29	USGS3084649
28	USGS3084647
30	USGS3084634

GEOCHECK VERSION 2.1
SUMMARY

FEDERAL DATABASE WELL INFORMATION

MAP ID	WELL ID
30	USGS3084635
31	USGS3084624
31	USGS3084623
32	USGS3084626
33	USGS3084628
34	USGS3084625
32	USGS3084627
31	USGS3084819
32	USGS3084817
35	USGS3084816
32	USGS3084807
36	USGS3084802
37	USGS3084735
38	USGS3084794
39	USGS3084785
40	USGS3084777
41	USGS3084772
40	USGS3084762
40	USGS3084749
43	USGS3084751
42	USGS3084753
42	USGS3084752
44	USGS3084755
44	USGS3084754
40	USGS3084750
43	USGS3084732
42	USGS3084733
42	USGS3084734
43	USGS3084923
43	USGS3084925
43	USGS3084924
43	USGS3084922
45	USGS3084890
45	USGS3084881
45	USGS3084880
45	USGS3084882
45	USGS3084876
45	USGS3084874
45	USGS3084869
45	USGS3084868
45	USGS3084866
45	USGS3084867
46	USGS3084864
47	USGS3084861
46	USGS3084862
48	USGS3084858

GEOCHECK VERSION 2.1
SUMMARY

FEDERAL DATABASE WELL INFORMATION

MAP ID	WELL ID
49	USGS3084857
50	USGS3085023
51	USGS3085020
50	USGS3085008
52	USGS3085010
53	USGS3084995
54	USGS3084996
55	USGS3085009
55	USGS3084987
56	USGS3084972
57	USGS3084954
58	USGS3084950
59	USGS3084941
60	USGS3084938
61	USGS3084939
62	USGS3085079
63	USGS3085090
63	USGS3085080
64	USGS3085070
64	USGS3085069
65	USGS3085071
63	USGS3085068
66	USGS3085060
67	USGS3085061
63	USGS3085062
68	USGS3085163
69	USGS3085147
70	USGS3085260

STATE WATER WELL INFORMATION

MAP ID	WELL ID
1	CADW40000004869
5	CADW40000004813
7	CADW40000004805
8	CADW40000004800
9	CADW40000004799
11	CADW40000004795
11	CADW40000004794
9	CADW40000004789
12	CADW40000004781
13	CADW40000004780
14	CADW40000004768
15	CADW40000004765
16	CADW40000004727
16	CADW40000004726
17	CADW40000004725
18	CADW40000004718
18	CADW40000004717
21	CADW40000004707
20	CADW40000004702
24	CADW40000004692
25	CADW40000004691

GEOCHECK VERSION 2.1
SUMMARY

STATE WATER WELL INFORMATION

MAP ID	WELL ID
26	CADW40000004690
25	3301553
23	3301350
25	CADW40000004681
27	CADW40000004675
27	CADW40000004673
27	CADW40000004666
29	CADW40000004660
31	CADW40000004647
32	CADW40000004646
33	CADW40000004645
34	CADW40000004641
32	CADW40000004635
35	CADW40000004632
37	CADW40000004608
39	CADW40000004596
40	CADW40000004588
41	CADW40000004582
42	CADW40000004573
42	CADW40000004571
42	CADW40000004570
44	3310028
44	3310028
46	CADW40000004507
45	CADW40000004502
45	CADW40000004503
47	CADW40000004501
46	CADW40000004500
48	CADW40000004496
49	CADW40000004494
50	CADW40000004461
50	CADW40000004450
52	CADW40000004449
53	CADW40000004446
54	CADW40000004445
55	CADW40000004444
55	CADW40000004440
56	3310028
56	CADW40000004432
57	CADW40000004414
59	CADW40000004371
60	CADW40000004370
61	CADW40000004369
62	CADW40000004313
63	CADW40000004311
63	CADW40000004310
63	CADW40000004304
64	CADW40000004303
64	CADW40000004302
65	CADW40000004301
66	CADW40000004296
67	CADW40000004295
63	CADW40000004294
68	CADW40000004183

GEOCHECK VERSION 2.1
SUMMARY

STATE WATER WELL INFORMATION

MAP ID	WELL ID
69	CADW40000004175
70	CADW40000004041

PUBLIC WATER SUPPLY SYSTEM INFORMATION

NO WELLS FOUND

USGS TOPOGRAPHIC MAP(S)

33114-E6 RIPLEY, CA
33114-E7 ROOSEVELT MINE, CA
33114-F6 MCCOY WASH, CA

AREA RADON INFORMATION

Federal EPA Radon Zone for RIVERSIDE County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for RIVERSIDE COUNTY, CA

Number of sites tested: 12

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.117 pCi/L	100%	0%	0%
Living Area - 2nd Floor	0.450 pCi/L	100%	0%	0%
Basement	1.700 pCi/L	100%	0%	0%

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Water Well Information:

Map ID:	1		
Agency cd:	USGS	Site no:	333846114413201
Site name:	006S022E20A001S		
Latitude:	333846	EDR Site id:	USGS3084233
Longitude:	1144132	Dec lat:	33.64613448
Dec lon:	-114.69301551	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	395.79		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19670101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	250	Hole depth:	276
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1967-06-15
Water quality data end date:	1967-06-15	Water quality data count:	1
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	148.00	

Map ID:	2		
Agency cd:	USGS	Site no:	333836114405801
Site name:	006S022E21B001S		
Latitude:	333836.27	EDR Site id:	USGS3084220
Longitude:	1144058.70	Dec lat:	33.64343179
Dec lon:	-114.6837652	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	SWNWNES21 T06S R22E S
Location map:	MCCOY WASH	Map scale:	24000

Altitude:	373.9		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19660415
Date inventoried:	19660712	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	378.	Hole depth:	378.
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1966-09-19
Water quality data end date:	1966-09-19	Water quality data count:	1
Ground water data begin date:	1966-04-28	Ground water data end date:	2000-01-25
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-01-25	122.12				
1971-07-23					
Note: The site was being pumped.					
1966-08-23	120.7		1966-04-28	117	

Map ID:	3		
Agency cd:	USGS	Site no:	333808114405701
Site name:	006S022E21K001S		
Latitude:	333807.81	EDR Site id:	USGS3084398
Longitude:	1144056.76	Dec lat:	33.63552644
Dec lon:	-114.6832262	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	SWNWSES21 T06S R22E S
Location map:	MCCOY WASH	Map scale:	24000
Altitude:	375.3		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19660504
Date inventoried:	19660712	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	323.	Hole depth:	323.
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1966-06-00
Water quality data end date:	1966-06-00	Water quality data count:	1
Ground water data begin date:	1966-05-11	Ground water data end date:	2000-01-25
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-01-25					
Note: The well was destroyed (no water level is recorded).					
1971-07-28	159.64				
Note: The site was being pumped.					
1966-08-24	121.3		1966-05-11	126	

Map ID:	4		
Agency cd:	USGS	Site no:	333803114423801
Site name:	006S022E19R001S		
Latitude:	333803.90	EDR Site id:	USGS3084385
Longitude:	1144241.98	Dec lat:	33.63444031
Dec lon:	-114.71245483	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NESESES19 T06S R22E S
Location map:	MCCOY WASH	Map scale:	24000
Altitude:	395.75		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19770707
Date inventoried:	19900923	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	300.	Hole depth:	300.
Source of depth data:	driller		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1977-09-17	Ground water data end date:	1999-09-15
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1999-09-15	147.11		1997-03-07	147.06	
1990-09-23	149.79		1977-09-17	150	

Map ID:	5		
Agency cd:	USGS	Site no:	333753114421701
Site name:	006S022E29D001S		
Latitude:	333753	EDR Site id:	USGS3084315
Longitude:	1144217	Dec lat:	33.63141263
Dec lon:	-114.7055157	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	394.2		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19420101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	193	Hole depth:	268
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-15
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1971-07-15	145.18		1971-07-01	145.00	

Map ID:	6		
Agency cd:	USGS	Site no:	333752114410801
Site name:	006S022E28C001S		
Latitude:	333752.04	EDR Site id:	USGS3084312
Longitude:	1144108.34	Dec lat:	33.631146
Dec lon:	-114.6864429	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWNENWS28 T06S R22E S
Location map:	MCCOY WASH	Map scale:	24000
Altitude:	392.2		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20000125	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	7		
Agency cd:	USGS	Site no:	333744114421501
Site name:	006S022E29C001S		
Latitude:	333743.84	EDR Site id:	USGS3084509
Longitude:	1144214.63	Dec lat:	33.62886825
Dec lon:	-114.70485731	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SWNENWS29 T06S R22E S
Location map:	MCCOY WASH	Map scale:	24000
Altitude:	393.6		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900924	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-24	Ground water data end date:	1999-09-15
Ground water data count:	3		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1999-09-15	144.75		1992-02-15	146.99	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1990-09-24	147.81				

Map ID:	8		
Agency cd:	USGS	Site no:	333737114404601
Site name:	006S022E28H001S		
Latitude:	333737	EDR Site id:	USGS3084492
Longitude:	1144046	Dec lat:	33.62696834
Dec lon:	-114.68023711	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	355.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19650101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	300	Hole depth:	300
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-09-01	Ground water data end date:	1971-09-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-09-01	107.00	

Map ID:	10		
Agency cd:	USGS	Site no:	333737114403401
Site name:	006S022E28G001S		
Latitude:	333737	EDR Site id:	USGS3084491
Longitude:	1144034	Dec lat:	33.62696834
Dec lon:	-114.67690368	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	362.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19650101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	535.	Hole depth:	581.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1966-02-09
Water quality data end date:	1966-02-09	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 0

Map ID:	9		
Agency cd:	USGS	Site no:	333737114415201
Site name:	006S022E29G001S		
Latitude:	333737	EDR Site id:	USGS3084493
Longitude:	1144152	Dec lat:	33.62696831
Dec lon:	-114.69857099	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	392.5		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19430101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	350	Hole depth:	375
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1947-01-08
Water quality data end date:	1947-01-08	Water quality data count:	1
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	142.00	

Map ID:	11		
Agency cd:	USGS	Site no:	333736114392502
Site name:	006S022E26E002S		
Latitude:	333736	EDR Site id:	USGS3084489
Longitude:	1143925	Dec lat:	33.6266906
Dec lon:	-114.65773644	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	270.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19670101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	21.0	Hole depth:	37.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1967-03-28
Water quality data end date:	1967-03-28	Water quality data count:	1
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1971-07-01	17.00		1971-07-01	17.00	
1967-03-28	15.20				

Map ID:	11		
Agency cd:	USGS	Site no:	333736114392501
Site name:	006S022E26E001S		
Latitude:	333736	EDR Site id:	USGS3084488
Longitude:	1143925	Dec lat:	33.6266906
Dec lon:	-114.65773644	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	270.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19670101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	64.0	Hole depth:	121
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1967-03-28
Water quality data end date:	1967-03-28	Water quality data count:	1
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1971-07-01	18.00		1971-07-01	18.00	
1967-03-28	15.58				

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Map ID:	9		
Agency cd:	USGS	Site no:	333734114415101
Site name:	006S022E29G002S		
Latitude:	333732.41	EDR Site id:	USGS3084484
Longitude:	1144150.95	Dec lat:	33.62569334
Dec lon:	-114.6982793	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SESWNES29 T06S R22E S
Location map:	MCCOY WASH	Map scale:	24000
Altitude:	391.9		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900923	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-23	Ground water data end date:	1999-09-15
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1999-09-15	142.15		1990-09-23	144.96	

Map ID:	12		
Agency cd:	USGS	Site no:	333729114392501
Site name:	006S022E26E003S		
Latitude:	333729	EDR Site id:	USGS3084468
Longitude:	1143925	Dec lat:	33.62474621
Dec lon:	-114.65773641	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	262.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19590101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	12.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	10.00	

Map ID:	13		
Agency cd:	USGS	Site no:	333729114394101
Site name:	006S022E27H001S		
Latitude:	333729	EDR Site id:	USGS3084469
Longitude:	1143941	Dec lat:	33.6247462
Dec lon:	-114.66218099	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	264.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	14.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	12.00	

Map ID:	14		
Agency cd:	USGS	Site no:	333723114412901
Site name:	006S022E29J001S		
Latitude:	333723	EDR Site id:	USGS3084448
Longitude:	1144140	Dec lat:	33.62307953
Dec lon:	-114.69523751	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	NWNESES29 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	390.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	194308
Date inventoried:	19610307	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	243.	Hole depth:	252.
Source of depth data:	owner		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1943-08-00	Ground water data end date:	1999-09-15
Ground water data count:	6		

Ground-water levels, Number of Measurements: 6

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1999-09-15					
Note: The well was destroyed (no water level is recorded).					
1990-09-23					
Note: The well was destroyed (no water level is recorded).					
1971-07-14	137.82		1966-11-16	133.02	
1961-06-09	134.96		1943-08	137.5	

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Map ID:	15		
Agency cd:	USGS	Site no:	333721114423101
Site name:	006S022E29M001S		
Latitude:	333720.22	EDR Site id:	USGS3084445
Longitude:	1144232.99	Dec lat:	33.62230731
Dec lon:	-114.70995738	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SWNWSWS29 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	393.6		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19790319
Date inventoried:	19900924	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	304.	Hole depth:	310.
Source of depth data:	driller		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1979-03-23	Ground water data end date:	1999-09-15
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1999-09-15	145.65		1997-03-07	146.18	
1990-09-24	148.33		1979-03-23	144	

Map ID:	16		
Agency cd:	USGS	Site no:	333703114394001
Site name:	006S022E27R002S		
Latitude:	333703	EDR Site id:	USGS3084618
Longitude:	1143940	Dec lat:	33.61752417
Dec lon:	-114.66190312	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

Altitude:	259.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	19590101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	10.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	9.00	

Map ID:	16		
Agency cd:	USGS	Site no:	333703114393201
Site name:	006S022E27R001S		
Latitude:	333703	EDR Site id:	USGS3084617
Longitude:	1143932	Dec lat:	33.61752417
Dec lon:	-114.65968083	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	257.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	9.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	7.00	

Map ID:	16		
Agency cd:	USGS	Site no:	333703114392801
Site name:	006S022E27R003S		
Latitude:	333703	EDR Site id:	USGS3084616
Longitude:	1143928	Dec lat:	33.61752417
Dec lon:	-114.65856968	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	259.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	19480101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	9.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	17		
Agency cd:	USGS	Site no:	333703114415901
Site name:	006S022E29Q001S		
Latitude:	333702.73	EDR Site id:	USGS3084619
Longitude:	1144158.91	Dec lat:	33.61744912
Dec lon:	-114.70049037	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SWSWSES29 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	390.6		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19790312
Date inventoried:	19900923	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	306.	Hole depth:	310.
Source of depth data:	driller		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1979-03-19	Ground water data end date:	1999-09-14
Ground water data count:	5		

Ground-water levels, Number of Measurements: 5

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1999-09-14	142.11		1997-03-07	142.62	
1992-02-15	144.54		1990-09-23	144.28	
1979-03-19	141				

Map ID:	18		
Agency cd:	USGS	Site no:	333701114411301
Site name:	006S022E33C002S		
Latitude:	333701.18	EDR Site id:	USGS3084603
Longitude:	1144113.31	Dec lat:	33.61701859
Dec lon:	-114.68782332	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWNENWS33 T06S R22E S
Location map:	RIPLEY	Map scale:	24000

Altitude:	338.6		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030528	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-05-28	Ground water data end date:	2003-05-28
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2003-05-28		

Note: An obstruction was encountered in the well above the water surface (no water level recorded).

Map ID:	16		
Agency cd:	USGS	Site no:	333701114392501
Site name:	006S022E35D001S		
Latitude:	333701	EDR Site id:	USGS3084602
Longitude:	1143925	Dec lat:	33.61696863
Dec lon:	-114.65773632	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	258.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19360101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported

Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	19		
Agency cd:	USGS	Site no:	333700114395001
Site name:	006S022E34B001S		
Latitude:	333700	EDR Site id:	USGS3084598
Longitude:	1143950	Dec lat:	33.61669085
Dec lon:	-114.66468096	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	NWNWNES34 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	257.2		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	1916
Date inventoried:	19711007	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-10-07	Ground water data end date:	1971-10-07
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-10-07		

Note: The well was destroyed (no water level is recorded).

Map ID:	20		
Agency cd:	USGS	Site no:	333655114411301
Site name:	006S022E33C001S		
Latitude:	333654.92	EDR Site id:	USGS3084591
Longitude:	1144113.41	Dec lat:	33.61527975
Dec lon:	-114.68785108	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SWNENWS33 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	335.4		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030528	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-05-28	Ground water data end date:	2003-05-28
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2003-05-28	85.98	

Map ID:	21		
Agency cd:	USGS	Site no:	333652114395801
Site name:	006S022E34C001S		
Latitude:	333652.64	EDR Site id:	USGS3084588
Longitude:	1144000.21	Dec lat:	33.61464646
Dec lon:	-114.66751713	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SENENWS34 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	338.0		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900924	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-24	Ground water data end date:	2000-01-24
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-01-24	88.38		1990-09-24	89.26	

Map ID:	22		
Agency cd:	USGS	Site no:	333652114405901
Site name:	006S022E33C003S		
Latitude:	333652.07	EDR Site id:	USGS3084589
Longitude:	1144059.26	Dec lat:	33.61448811
Dec lon:	-114.6839204	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SENENWS33 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	335.7		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030528	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	117.1	Hole depth:	Not Reported
Source of depth data:	reporting agency (generally USGS)		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-05-28	Ground water data end date:	2003-05-28
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2003-05-28	86.31	

Map ID:	23		
Agency cd:	USGS	Site no:	333648114392401
Site name:	006S022E35E001S		
Latitude:	333648	EDR Site id:	USGS3084582
Longitude:	1143924	Dec lat:	33.61335762
Dec lon:	-114.65745849	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	260.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19160101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	24		
Agency cd:	USGS	Site no:	333647114400901
Site name:	006S022E34F001S		
Latitude:	333647	EDR Site id:	USGS3084563
Longitude:	1144009	Dec lat:	33.61307983
Dec lon:	-114.66995885	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWSENWS34 T06S R22E S
Location map:	RIPLEY	Map scale:	24000

Altitude:	336.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1974
Date inventoried:	19900924	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-24	Ground water data end date:	1992-03-29
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1992-03-29	91.38		1990-09-24	91.00	

Map ID:	25		
Agency cd:	USGS	Site no:	333647114421401
Site name:	006S022E32F001S		
Latitude:	333647	EDR Site id:	USGS3084564
Longitude:	1144214	Dec lat:	33.61307978
Dec lon:	-114.7046821	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	388.5		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19430101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	230	Hole depth:	246
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	1959-09-24
Water quality data end date:	1961-05-23	Water quality data count:	2
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	139.00	

Map ID:	26		
Agency cd:	USGS	Site no:	333646114431201
Site name:	006S022E31F001S		
Latitude:	333646.91	EDR Site id:	USGS3084548
Longitude:	1144311.66	Dec lat:	33.61305476
Dec lon:	-114.72069924	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NESENWS31 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	389.3		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900924	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-24	Ground water data end date:	1999-08-27
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1999-08-27	141.40				
Note: Foreign substance was present on the surface of the water.					
1990-09-24	155.31				

Map ID:	25		
Agency cd:	USGS	Site no:	333645114421801
Site name:	006S022E32F002S		
Latitude:	333645.22	EDR Site id:	USGS3084541
Longitude:	1144217.57	Dec lat:	33.61258535
Dec lon:	-114.70567379	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWSENWS32 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	388.6		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19731126
Date inventoried:	19990914	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	300.	Hole depth:	300.
Source of depth data:	driller		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1973-12-28	Ground water data end date:	1999-11-19
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1999-11-19	141.58		1999-11-19	141.58	
1999-09-14					
Note: The site was being pumped.					
1973-12-28	137				

Map ID:	25		
Agency cd:	USGS	Site no:	333644114421601
Site name:	006S022E32F003S		
Latitude:	333644.22	EDR Site id:	USGS3084521
Longitude:	1144215.83	Dec lat:	33.61230758
Dec lon:	-114.70519044	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWSENWS32 T06S R22E S
Location map:	RIPLEY	Map scale:	24000

Altitude:	387.5		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	20020320
Date inventoried:	20020418	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	500.	Hole depth:	520.
Source of depth data:	driller		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2002-03-25	Ground water data end date:	2002-04-18
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2002-04-18					
Note: The site was being pumped.					
2002-03-25	147				

Map ID:	27		
Agency cd:	USGS	Site no:	333643114410001
Site name:	006S022E33F003S		
Latitude:	333642.79	EDR Site id:	USGS3084712
Longitude:	1144100.00	Dec lat:	33.6119104
Dec lon:	-114.68412593	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SESENWS33 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	336.5		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	20020927
Date inventoried:	20030528	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	110.	Hole depth:	110.
Source of depth data:	driller		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-05-28	Ground water data end date:	2003-05-28
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2003-05-28	87.22	

Map ID:	27		
Agency cd:	USGS	Site no:	333642114410901
Site name:	006S022E33F002S		
Latitude:	333642.21	EDR Site id:	USGS3084706
Longitude:	1144108.83	Dec lat:	33.61174929
Dec lon:	-114.68657877	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SWSENWS33 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	336.9		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	20020928
Date inventoried:	20030528	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	110.	Hole depth:	110.
Source of depth data:	driller		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-05-28	Ground water data end date:	2003-05-28
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2003-05-28	90.99	

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Map ID:	27		
Agency cd:	USGS	Site no:	333639114410201
Site name:	006S022E33F001S		
Latitude:	333639.95	EDR Site id:	USGS3084675
Longitude:	1144102.63	Dec lat:	33.61112153
Dec lon:	-114.68485649	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SESENWS33 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	334.9		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900926	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-26	Ground water data end date:	2000-01-26
Ground water data count:	3		

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-01-26	86.68		1992-03-28	88.56	
1990-09-26	88.52				

Map ID:	28		
Agency cd:	USGS	Site no:	333639114392601
Site name:	006S022E34H001S		
Latitude:	333639.2	EDR Site id:	USGS3084674
Longitude:	1143926.2	Dec lat:	33.61091324
Dec lon:	-114.65806959	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SESENES34 T06S R22E S
Location map:	RIPLEY	Map scale:	24000

Altitude:	261.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20041118	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	29		
Agency cd:	USGS	Site no:	333637114395001
Site name:	006S022E34G001S		
Latitude:	333637	EDR Site id:	USGS3084657
Longitude:	1143950	Dec lat:	33.61030213
Dec lon:	-114.66468089	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	SWSWNES34 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	258.15		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	19650724
Date inventoried:	19710713	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	14.	Hole depth:	14.
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-13	Ground water data end date:	1971-07-13
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-13	9.90	

Map ID:	28		
Agency cd:	USGS	Site no:	333636114392501
Site name:	006S022E34J001S		
Latitude:	333636	EDR Site id:	USGS3084646
Longitude:	1143925	Dec lat:	33.61002437
Dec lon:	-114.65773623	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	NENESES34 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	258.26		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	1917
Date inventoried:	19711005	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-10-05	Ground water data end date:	1971-10-05
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-10-05		

Note: The well was destroyed (no water level is recorded).

Map ID:	29		
Agency cd:	USGS	Site no:	333636114395701
Site name:	006S022E34L002S		
Latitude:	333636	EDR Site id:	USGS3084651
Longitude:	1143957	Dec lat:	33.61002436
Dec lon:	-114.66662538	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	256.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	19460101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	29		
Agency cd:	USGS	Site no:	333636114395201
Site name:	006S022E34K001S		
Latitude:	333636	EDR Site id:	USGS3084650
Longitude:	1143952	Dec lat:	33.61002436
Dec lon:	-114.66523645	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	NWNWSES34 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	258.82		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	1916
Date inventoried:	19711007	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-10-07	Ground water data end date:	1971-10-07
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-10-07		

Note: The well was destroyed (no water level is recorded).

Map ID:	29		
Agency cd:	USGS	Site no:	333636114395001
Site name:	006S022E34K004S		
Latitude:	333635.6	EDR Site id:	USGS3084648
Longitude:	1143950.4	Dec lat:	33.60991325
Dec lon:	-114.664792	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWNWSES34 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	260.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20041118	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	29		
Agency cd:	USGS	Site no:	333636114395002
Site name:	006S022E34K005S		
Latitude:	333635.6	EDR Site id:	USGS3084649
Longitude:	1143950.4	Dec lat:	33.60991325
Dec lon:	-114.664792	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWNWSES34 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	260.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20041118	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	28		
Agency cd:	USGS	Site no:	333636114392701
Site name:	006S022E34J002S		
Latitude:	333635.5	EDR Site id:	USGS3084647
Longitude:	1143926.7	Dec lat:	33.60988548
Dec lon:	-114.65820847	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NENESES34 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	261.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030529	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	30		
Agency cd:	USGS	Site no:	333634114394101
Site name:	006S022E34K002S		
Latitude:	333633.7	EDR Site id:	USGS3084634
Longitude:	1143941.1	Dec lat:	33.60938549
Dec lon:	-114.66220858	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NENWSES34 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	260.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20041118	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	37.	Hole depth:	Not Reported
Source of depth data:	owner		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	30		
Agency cd:	USGS	Site no:	333634114394102
Site name:	006S022E34K003S		
Latitude:	333633.7	EDR Site id:	USGS3084635
Longitude:	1143941.1	Dec lat:	33.60938549
Dec lon:	-114.66220858	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NENWSES34 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	260.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20041118	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	31		
Agency cd:	USGS	Site no:	333633114391002
Site name:	006S022E35M004S		
Latitude:	333633.2	EDR Site id:	USGS3084624
Longitude:	1143909.7	Dec lat:	33.60924662
Dec lon:	-114.6534861	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NENWSWS35 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	259.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030529	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	31		
Agency cd:	USGS	Site no:	333633114391001
Site name:	006S022E35M001S		
Latitude:	333633	EDR Site id:	USGS3084623
Longitude:	1143910	Dec lat:	33.60919106
Dec lon:	-114.65356943	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	260.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19530101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	310	Hole depth:	328
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1962-02-07
Water quality data end date:	1962-02-07	Water quality data count:	1
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1962-02-07	7	

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Map ID:	32		
Agency cd:	USGS	Site no:	333633114420001
Site name:	006S022E32K002S		
Latitude:	333633	EDR Site id:	USGS3084626
Longitude:	1144200	Dec lat:	33.609191
Dec lon:	-114.70079305	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	371.8		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19710101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	173
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-04-12	Ground water data end date:	2000-01-26
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-01-26	124.89		1990-09-21	127.02	
1972-08-01	125.8		1971-04-12	124	

Map ID:	33		
Agency cd:	USGS	Site no:	333633114430301
Site name:	006S022E31K001S		
Latitude:	333633	EDR Site id:	USGS3084628
Longitude:	1144303	Dec lat:	33.60919098
Dec lon:	-114.71829357	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

Altitude:	387.7		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	2000-02-15
Ground water data count:	5		

Ground-water levels, Number of Measurements: 5

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-02-15	141.45		1992-03-28	143.34	
1990-09-21	143.95		1971-07-15	139.56	
1971-07-01	140.00				

Map ID:	34		
Agency cd:	USGS	Site no:	333633114414701
Site name:	006S022E32K004S		
Latitude:	333632.72	EDR Site id:	USGS3084625
Longitude:	1144146.51	Dec lat:	33.60911323
Dec lon:	-114.69704572	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NENWSES32 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	329.7		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900921	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-22	Ground water data end date:	2000-01-26
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-01-26	82.63		2000-01-24	82.56	
1990-09-23	84.82		1990-09-22	84.92	

Map ID:	32		
Agency cd:	USGS	Site no:	333633114420002
Site name:	006S022E32K005S		
Latitude:	333631.91	EDR Site id:	USGS3084627
Longitude:	1144200.21	Dec lat:	33.60888823
Dec lon:	-114.70085138	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWNWSES32 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	371.8		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20000126	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	31		
Agency cd:	USGS	Site no:	333631114391701
Site name:	006S022E35M003S		
Latitude:	333631.2	EDR Site id:	USGS3084819
Longitude:	1143917.0	Dec lat:	33.60869107
Dec lon:	-114.65551393	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SENWSWS35 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	259.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030529	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	32		
Agency cd:	USGS	Site no:	333630114415801
Site name:	006S022E32K003S		
Latitude:	333630.38	EDR Site id:	USGS3084817
Longitude:	1144158.46	Dec lat:	33.60846324
Dec lon:	-114.70036525	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWNWSES32 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	365.5		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900921	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	382.
Source of depth data:	owner		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-21	Ground water data end date:	1990-09-21
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1990-09-21	121.07	

Map ID:	35		
Agency cd:	USGS	Site no:	333630114400101
Site name:	006S022E34L001S		
Latitude:	333630	EDR Site id:	USGS3084816
Longitude:	1144001	Dec lat:	33.60835773
Dec lon:	-114.66773651	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	330.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19590101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	360.	Hole depth:	384.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1961-05-25
Water quality data end date:	1961-05-25	Water quality data count:	1
Ground water data begin date:	1972-08-01	Ground water data end date:	1972-08-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1972-08-01	93.00	

Map ID:	32		
Agency cd:	USGS	Site no:	333627114420001
Site name:	006S022E32K001S		
Latitude:	333627	EDR Site id:	USGS3084807
Longitude:	1144200	Dec lat:	33.60752438
Dec lon:	-114.70079303	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	362.8		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19530101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	464	Hole depth:	500
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1954-03-12
Water quality data end date:	1967-00-00	Water quality data count:	8
Ground water data begin date:	1953-10-27	Ground water data end date:	2000-01-26
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-01-26					
Note: An obstruction was encountered in the well above the water surface (no water level recorded).					
1990-09-21	118.46		1961-05-23	117	
1953-10-27	112				

Map ID:	36		
Agency cd:	USGS	Site no:	333624114400401
Site name:	006S022E34L003S		
Latitude:	333624	EDR Site id:	USGS3084802
Longitude:	1144004	Dec lat:	33.60669111
Dec lon:	-114.66856984	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	256.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	19460101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	12.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	37		
Agency cd:	USGS	Site no:	333609114441501
Site name:	007S021E01C001S		
Latitude:	333619.01	EDR Site id:	USGS3084735
Longitude:	1144414.84	Dec lat:	33.60530494
Dec lon:	-114.73824966	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWNENWS01 T07S R21E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	389.02		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900924	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1992-11-17	Ground water data end date:	2000-02-16
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-02-16	144.39		1992-11-17	145.58	
1992-11-17	145.59		1992-11-17	145.58	

Map ID:	38		
Agency cd:	USGS	Site no:	333618114432701
Site name:	006S022E31N001S		
Latitude:	333617.57	EDR Site id:	USGS3084794
Longitude:	1144327.15	Dec lat:	33.60490497
Dec lon:	-114.72500204	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SWSWSWS31 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	388.1		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	20000731
Date inventoried:	20001017	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	400.	Hole depth:	415.
Source of depth data:	driller		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

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STATE DATABASE WELL INFORMATION

Map ID:	39		
Agency cd:	USGS	Site no:	333615114413201
Site name:	006S022E32R001S		
Latitude:	333615	EDR Site id:	USGS3084785
Longitude:	1144132	Dec lat:	33.60419114
Dec lon:	-114.69301498	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SESESES32 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	332.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	19470000
Date inventoried:	1971	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	560.	Hole depth:	560.
Source of depth data:	reporting agency (generally USGS)		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1961-05-23	Ground water data end date:	1990-09-22
Ground water data count:	42		

Ground-water levels, Number of Measurements: 42

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1990-09-22	89.15		1971-07-01	86.00	
1964-12-02	81.29		1964-10-21	81.21	
1964-09-17	80.93		1964-08-19	81.04	
1964-07-21	81.30		1964-06-18	81.36	
1964-05-12	81.97		1964-04-15	82.15	
1964-03-10	82.66		1964-02-07	82.91	
1963-12-31	82.47		1963-11-27	81.78	
1963-10-29	81.46		1963-09-09	81.58	
1963-08-06	81.85		1963-07-11	82.00	
1963-06-03	82.15		1963-05-06	82.54	
1963-04-01	82.94		1963-03-04	83.24	
1963-02-04	83.29		1963-01-10	83.06	
1962-12-13	83.00		1962-11-08	82.71	
1962-10-11	82.52		1962-09-17	82.35	
1962-08-16	82.62		1962-07-19	82.57	
1962-06-20	82.56		1962-05-24	82.73	
1962-04-24	82.85		1962-03-26	83.15	
1962-02-19	83.35		1962-01-22	83.40	
1961-12-20	83.04		1961-11-21	82.67	
1961-10-18	82.16		1961-09-21	81.96	
1961-08-24	82.17		1961-05-23	82.70	

Map ID:	40		
Agency cd:	USGS	Site no:	333613114392501
Site name:	006S022E34R002S		
Latitude:	333613	EDR Site id:	USGS3084777
Longitude:	1143925	Dec lat:	33.60363565
Dec lon:	-114.65773615	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	257.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	12.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	9.00	

Map ID:	41		
Agency cd:	USGS	Site no:	333612114434001
Site name:	006S021E36R001S		
Latitude:	333611.35	EDR Site id:	USGS3084772
Longitude:	1144340.83	Dec lat:	33.60317723
Dec lon:	-114.72880213	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	389.09		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19460101
Date inventoried:	19610523	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	636.	Hole depth:	636
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1954-07-15
Water quality data end date:	1964-05-14	Water quality data count:	3
Ground water data begin date:	1946-05-00	Ground water data end date:	2000-03-29
Ground water data count:	5		

Ground-water levels, Number of Measurements: 5

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-03-29	144.47		2000-02-23	144.62	
2000-02-23	144.62		1990-09-27	146.64	
1946-05	138				

Map ID:	40		
Agency cd:	USGS	Site no:	333611114392401
Site name:	006S022E35N001S		
Latitude:	333611	EDR Site id:	USGS3084762
Longitude:	1143924	Dec lat:	33.60308011
Dec lon:	-114.65745836	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	255.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19360101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	40		
Agency cd:	USGS	Site no:	333610114392401
Site name:	007S022E02D001S		
Latitude:	333610	EDR Site id:	USGS3084749
Longitude:	1143924	Dec lat:	33.60280234
Dec lon:	-114.65745836	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	256.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19180101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	43		
Agency cd:	USGS	Site no:	333610114394001
Site name:	006S022E34R001S		
Latitude:	333610	EDR Site id:	USGS3084751
Longitude:	1143940	Dec lat:	33.60280233
Dec lon:	-114.66190293	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	257.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	19250101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	8.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	42		
Agency cd:	USGS	Site no:	333610114401401
Site name:	006S022E34N001S		
Latitude:	333610	EDR Site id:	USGS3084753
Longitude:	1144014	Dec lat:	33.60280232
Dec lon:	-114.67134766	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	255.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	9.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	7.00	

Map ID:	42		
Agency cd:	USGS	Site no:	333610114401001
Site name:	006S022E34P001S		
Latitude:	333610	EDR Site id:	USGS3084752
Longitude:	1144010	Dec lat:	33.60280232
Dec lon:	-114.67023651	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	254.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	44		
Agency cd:	USGS	Site no:	333610114430502
Site name:	007S022E06C002S		
Latitude:	333610	EDR Site id:	USGS3084755
Longitude:	1144305	Dec lat:	33.60280226
Dec lon:	-114.71884906	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	387.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19590101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	44		
Agency cd:	USGS	Site no:	333610114430501
Site name:	007S022E06C001S		
Latitude:	333610	EDR Site id:	USGS3084754
Longitude:	1144305	Dec lat:	33.60280226
Dec lon:	-114.71884906	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	390.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19690101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	340.	Hole depth:	344.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	40		
Agency cd:	USGS	Site no:	333610114392601
Site name:	006S022E34R003S		
Latitude:	333609.8	EDR Site id:	USGS3084750
Longitude:	1143926.2	Dec lat:	33.60274678
Dec lon:	-114.65806949	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SESESES34 T06S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	262.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030424	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	43		
Agency cd:	USGS	Site no:	333609114394301
Site name:	007S022E03B002S		
Latitude:	333609	EDR Site id:	USGS3084732
Longitude:	1143943	Dec lat:	33.60252456
Dec lon:	-114.66273629	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NENWNES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	257.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030424	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	42		
Agency cd:	USGS	Site no:	333609114401301
Site name:	007S022E03D001S		
Latitude:	333609	EDR Site id:	USGS3084733
Longitude:	1144013	Dec lat:	33.60252455
Dec lon:	-114.67106987	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NENWNWS03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	260.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	196703
Date inventoried:	19670330	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	49.	Hole depth:	121.
Source of depth data:	reporting agency (generally USGS)		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1967-03-30	Ground water data end date:	1972-08-02
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1972-08-02	6.9		1968-06-10	7.23	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1967-06-01	4.90		1967-03-30	5.41	

Map ID:	42		
Agency cd:	USGS	Site no:	333609114401302
Site name:	007S022E03D002S		
Latitude:	333609	EDR Site id:	USGS3084734
Longitude:	1144013	Dec lat:	33.60252455
Dec lon:	-114.67106987	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NENWNWS03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	260.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	19670300
Date inventoried:	19670330	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	20.	Hole depth:	26.
Source of depth data:	reporting agency (generally USGS)		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1967-03-30	Ground water data end date:	1972-08-02
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1972-08-02	11.0		1968-06-10	6.87	
1967-06-01	4.56		1967-03-30	5.13	

Map ID:	43		
Agency cd:	USGS	Site no:	333608114395601
Site name:	007S022E03B003S		
Latitude:	333608.3	EDR Site id:	USGS3084923
Longitude:	1143955.6	Dec lat:	33.60233012
Dec lon:	-114.66623639	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWNWNES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	261.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20041119	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	43		
Agency cd:	USGS	Site no:	333608114395603
Site name:	007S022E03B005S		
Latitude:	333608.3	EDR Site id:	USGS3084925
Longitude:	1143955.6	Dec lat:	33.60233012
Dec lon:	-114.66623639	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWNWNES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	261.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20041119	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	43		
Agency cd:	USGS	Site no:	333608114395602
Site name:	007S022E03B004S		
Latitude:	333608.3	EDR Site id:	USGS3084924
Longitude:	1143955.6	Dec lat:	33.60233012
Dec lon:	-114.66623639	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWNWNES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	261.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20041119	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	43		
Agency cd:	USGS	Site no:	333608114395001
Site name:	007S022E03B001S		
Latitude:	333607.9	EDR Site id:	USGS3084922
Longitude:	1143949.5	Dec lat:	33.60221901
Dec lon:	-114.66454189	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWNWNES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	261.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030424	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	45		
Agency cd:	USGS	Site no:	333556114392601
Site name:	007S022E03H011S		
Latitude:	333556	EDR Site id:	USGS3084890
Longitude:	1143926	Dec lat:	33.59891355
Dec lon:	-114.65801388	Coor meth:	M
Coor accr:	R	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NESENES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	255.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030424	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	45		
Agency cd:	USGS	Site no:	333553114392702
Site name:	007S022E03H006S		
Latitude:	333553.4	EDR Site id:	USGS3084881
Longitude:	1143926.6	Dec lat:	33.59819135
Dec lon:	-114.65818054	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NESENES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	252.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030424	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	45		
Agency cd:	USGS	Site no:	333553114392701
Site name:	007S022E03H005S		
Latitude:	333553.4	EDR Site id:	USGS3084880
Longitude:	1143926.6	Dec lat:	33.59819135
Dec lon:	-114.65818054	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NESENES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	252.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030424	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	45		
Agency cd:	USGS	Site no:	333553114392703
Site name:	007S022E03H007S		
Latitude:	333553.4	EDR Site id:	USGS3084882
Longitude:	1143926.6	Dec lat:	33.59819135
Dec lon:	-114.65818054	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NESENES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	252.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030424	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	2003-04-24	Ground water data end date:	2003-04-24
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
2003-04-24		

Note: An obstruction was encountered in the well above the water surface (no water level recorded).

Map ID:	45		
Agency cd:	USGS	Site no:	333550114392501
Site name:	007S022E03H004S		
Latitude:	333549.7	EDR Site id:	USGS3084876
Longitude:	1143925.3	Dec lat:	33.5971636
Dec lon:	-114.65781941	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SESENES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	255.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030424	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	45		
Agency cd:	USGS	Site no:	333547114392501
Site name:	007S022E03H010S		
Latitude:	333547	EDR Site id:	USGS3084874
Longitude:	1143925	Dec lat:	33.59641362
Dec lon:	-114.65773606	Coor meth:	M
Coor accr:	R	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SESENES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	255.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030424	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	45		
Agency cd:	USGS	Site no:	333546114393002
Site name:	007S022E03H013S		
Latitude:	333545.74	EDR Site id:	USGS3084869
Longitude:	1143929.68	Dec lat:	33.59606362
Dec lon:	-114.6590361	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SESENES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	255.8		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030528	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	45		
Agency cd:	USGS	Site no:	333546114393001
Site name:	007S022E03H012S		
Latitude:	333545.73	EDR Site id:	USGS3084868
Longitude:	1143929.68	Dec lat:	33.59606085
Dec lon:	-114.6590361	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SESENES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	255.8		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030528	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	45		
Agency cd:	USGS	Site no:	333546114392901
Site name:	007S022E03H008S		
Latitude:	333545.7	EDR Site id:	USGS3084866
Longitude:	1143928.6	Dec lat:	33.59605251
Dec lon:	-114.65873609	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SESENES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	254.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030424	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	45		
Agency cd:	USGS	Site no:	333546114392902
Site name:	007S022E03H009S		
Latitude:	333545.7	EDR Site id:	USGS3084867
Longitude:	1143928.6	Dec lat:	33.59605251
Dec lon:	-114.65873609	Coor meth:	D
Coor accr:	1	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SESENES03 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	254.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	20030424	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Unconfined single aquifer		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	46		
Agency cd:	USGS	Site no:	333545114403501
Site name:	007S022E04H002S		
Latitude:	333545	EDR Site id:	USGS3084864
Longitude:	1144035	Dec lat:	33.59585805
Dec lon:	-114.67718107	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	256.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	19650101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	14.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	10.00	

Map ID:	47		
Agency cd:	USGS	Site no:	333544114401101
Site name:	007S022E03L001S		
Latitude:	333544	EDR Site id:	USGS3084861
Longitude:	1144011	Dec lat:	33.59558029
Dec lon:	-114.67051421	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	257.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	12.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	10.00	

Map ID:	46		
Agency cd:	USGS	Site no:	333544114402801
Site name:	007S022E04H001S		
Latitude:	333544	EDR Site id:	USGS3084862
Longitude:	1144028	Dec lat:	33.59558028
Dec lon:	-114.67523657	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	256.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	19470101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	12.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	11.00	

Map ID:	48		
Agency cd:	USGS	Site no:	333543114443901
Site name:	007S021E02J001S		
Latitude:	333543.31	EDR Site id:	USGS3084858
Longitude:	1144437.43	Dec lat:	33.59538853
Dec lon:	-114.74452472	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NENESES02 T07S R21E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	388.80		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900924	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-24	Ground water data end date:	1990-09-24
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1990-09-24	149.25	

Map ID:	49		
Agency cd:	USGS	Site no:	333543114430501
Site name:	007S022E06L001S		
Latitude:	333543.13	EDR Site id:	USGS3084857
Longitude:	1144305.45	Dec lat:	33.59533856
Dec lon:	-114.71897396	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NENESWS06 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	389.9		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900923	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-23	Ground water data end date:	2000-02-15
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-02-15					
Note: An obstruction was encountered in the well above the water surface (no water level recorded).					
1990-09-23	147.57				

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Map ID:	50		
Agency cd:	USGS	Site no:	333522114410101
Site name:	007S022E04P001S		
Latitude:	333522	EDR Site id:	USGS3085023
Longitude:	1144101	Dec lat:	33.58946932
Dec lon:	-114.68440343	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	310.00		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5.		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19590101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	136	Hole depth:	150
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	1959-08-13
Water quality data end date:	1962-10-22	Water quality data count:	4
Ground water data begin date:	0000-00-00	Ground water data end date:	0000-00-00
Ground water data count:	0		

Ground-water levels, Number of Measurements: 17

Date	Feet below Surface	Feet to Sealevel
1963-01-09	58.61	
1962-12-13	60.03	
Note: The site was being pumped.		
1962-11-08	60.02	
Note: The site was being pumped.		
1962-10-11	59.86	
Note: The site was being pumped.		
1962-09-17	59.41	
Note: The site was being pumped.		
1962-08-16	59.53	
Note: The site was being pumped.		
1962-07-19	59.65	
Note: The site was being pumped.		
1962-06-21	60.00	
Note: The site was being pumped.		
1962-05-25	59.88	
Note: The site was being pumped.		
1962-04-23	59.87	
Note: The site was being pumped.		
1962-03-26	59.42	
Note: The site was being pumped.		

Date	Feet below Surface	Feet to Sealevel

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1962-02-19	59.75				
Note: The site was being pumped.					
1962-01-22	59.22				
Note: The site was being pumped.					
1961-12-20	57.90		1961-11-21	57.55	
1961-10-18	58.53				
Note: The site was being pumped.					
1961-09-25	58.57				
Note: The site was being pumped.					

Map ID:	51		
Agency cd:	USGS	Site no:	333521114413101
Site name:	007S022E05R001S		
Latitude:	333521	EDR Site id:	USGS3085020
Longitude:	1144131	Dec lat:	33.58919154
Dec lon:	-114.692737	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	329.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	Not Reported	Daily flow data begin date:	Not Reported
Daily flow data end date:	Not Reported	Daily flow data count:	Not Reported
Peak flow data begin date:	Not Reported	Peak flow data end date:	Not Reported
Peak flow data count:	Not Reported	Water quality data begin date:	Not Reported
Water quality data end date:	Not Reported	Water quality data count:	Not Reported
Ground water data begin date:	Not Reported	Ground water data end date:	Not Reported
Ground water data count:	Not Reported		

Ground-water levels, Number of Measurements: 0

Map ID:	50		
Agency cd:	USGS	Site no:	333520114415601
Site name:	007S022E04Q001S		
Latitude:	333520	EDR Site id:	USGS3085008
Longitude:	1144056	Dec lat:	33.58891378
Dec lon:	-114.68301449	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SWSES04 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	275.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	40.
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1961-05-25	Ground water data end date:	1962-09-17
Ground water data count:	17		

Ground-water levels, Number of Measurements: 18

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1962-09-17	22.62		1962-08-16	22.66	
1962-07-19	22.78		1962-06-21	22.60	
1962-05-25	23.03		1962-04-23	23.09	
1962-03-26	22.32		1962-02-19	22.54	
1962-01-22	22.68		1961-12-20	22.45	
1961-11-21	22.12		1961-10-18	23.26	
1961-09-25	21.76		1961-08-24	22.63	
1961-07-28	22.65		1961-07-06	22.68	
1961-05-25	22.44		1961-05-01	22.00	

Map ID:	52		
Agency cd:	USGS	Site no:	333520114445001
Site name:	007S022E04Q002S		
Latitude:	333520	EDR Site id:	USGS3085010
Longitude:	1144450	Dec lat:	33.5889137
Dec lon:	-114.7480164	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

Altitude:	255.0		
Altitude method:	Level or other surveying method		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flood plain		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	14.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	10.00	

Map ID:	53		
Agency cd:	USGS	Site no:	333519114402501
Site name:	007S022E03N001S		
Latitude:	333519	EDR Site id:	USGS3084995
Longitude:	1144025	Dec lat:	33.58863602
Dec lon:	-114.67440312	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	254.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19180101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	10.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	9.00	

Map ID:	54		
Agency cd:	USGS	Site no:	333519114413801
Site name:	007S022E05R002S		
Latitude:	333518.90	EDR Site id:	USGS3084996
Longitude:	1144137.78	Dec lat:	33.58860822
Dec lon:	-114.69462038	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SESESES05 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	330.2		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	19960501
Date inventoried:	20000215	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	600.	Hole depth:	617.
Source of depth data:	driller		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1996-05-20	Ground water data end date:	2000-02-15
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-02-15	86.28		1996-05-20	88	

Map ID:	55		
Agency cd:	USGS	Site no:	333520114444001
Site name:	007S021E02R001S		
Latitude:	333518.71	EDR Site id:	USGS3085009
Longitude:	1144437.39	Dec lat:	33.58855538
Dec lon:	-114.74451352	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SESESES02 T07S R21E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	387.71		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900924	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-24	Ground water data end date:	2000-02-15
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-02-15	144.43		1990-09-24	146.22	

Map ID:	55		
Agency cd:	USGS	Site no:	333518114443701
Site name:	007S021E12D001S		
Latitude:	333517.97	EDR Site id:	USGS3084987
Longitude:	1144436.54	Dec lat:	33.58834983
Dec lon:	-114.7442774	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	NWNWNWS12 T07S R21E S
Location map:	RIPLEY	Map scale:	Not Reported
Altitude:	387.58		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19650802
Date inventoried:	19660128	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	390.	Hole depth:	611.
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1965-09-03	Ground water data end date:	2000-02-15
Ground water data count:	6		

Ground-water levels, Number of Measurements: 6

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-02-15					
Note: An obstruction was encountered in the well above the water surface (no water level recorded).					
1990-09-22					
Note: An obstruction was encountered in the well above the water surface (no water level recorded).					
1972-08-01	141		1966-10-20	139.46	
1966-01-28	139.15		1965-09-03	130	

Map ID:	56		
Agency cd:	USGS	Site no:	333517114412501
Site name:	007S022E09D002S		
Latitude:	333516.68	EDR Site id:	USGS3084972
Longitude:	1144123.37	Dec lat:	33.58799157
Dec lon:	-114.69061748	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NWNWNWS09 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	332.18		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900924	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-24	Ground water data end date:	2000-02-18
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-02-18					
Note: The site was being pumped.					
1990-09-24	95.25				
Note: The site had been pumped recently.					

Map ID:	57		
Agency cd:	USGS	Site no:	333509114413301
Site name:	007S022E08A01S		
Latitude:	333509	EDR Site id:	USGS3084954
Longitude:	1144133	Dec lat:	33.58585829
Dec lon:	-114.69329253	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SENENES08 T07S R22E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	323.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	002		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Alluvial or marine terrace		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900922	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-22	Ground water data end date:	1990-09-22
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1990-09-22	88.33	

Map ID:	58		
Agency cd:	USGS	Site no:	333505114412701
Site name:	007S022E09D001S		
Latitude:	333505	EDR Site id:	USGS3084950
Longitude:	1144127	Dec lat:	33.58474721
Dec lon:	-114.6916258	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	254.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19570101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	13.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	10.00	

Map ID:	59		
Agency cd:	USGS	Site no:	333453114442701
Site name:	007S021E12E001S		
Latitude:	333453	EDR Site id:	USGS3084941
Longitude:	1144427	Dec lat:	33.58141391
Dec lon:	-114.74162723	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	SESWNWS12 T07S R21E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	380.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	1966
Date inventoried:	19720829	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1972-08-29	Ground water data end date:	1972-08-29
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1972-08-29		

Note: The well was destroyed (no water level is recorded).

Map ID:	60		
Agency cd:	USGS	Site no:	333452114415901
Site name:	007S022E08K001S		
Latitude:	333452	EDR Site id:	USGS3084938
Longitude:	1144159	Dec lat:	33.58113619
Dec lon:	-114.70051491	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	250.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19570101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	10.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	8.00	

Map ID:	61		
Agency cd:	USGS	Site no:	333452114421601
Site name:	007S022E08M001S		
Latitude:	333452	EDR Site id:	USGS3084939
Longitude:	1144216	Dec lat:	33.58113618
Dec lon:	-114.70523727	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	254.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19650101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	14.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	12.00	

Map ID:	62		
Agency cd:	USGS	Site no:	333427114412601
Site name:	007S022E09N001S		
Latitude:	333427	EDR Site id:	USGS3085079
Longitude:	1144126	Dec lat:	33.57419194
Dec lon:	-114.69134788	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	252.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19360101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	12.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	9.00	

Map ID:	63		
Agency cd:	USGS	Site no:	333428114443701
Site name:	007S021E12N002S		
Latitude:	333426.68	EDR Site id:	USGS3085090
Longitude:	1144436.97	Dec lat:	33.57410299
Dec lon:	-114.74439666	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	SWSWSWS12 T07S R21E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	386.67		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900922	Mean greenwich time offset:	PST

Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-22	Ground water data end date:	2000-02-16
Ground water data count:	2		

Ground-water levels, Number of Measurements: 2

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel

2000-02-16
Note: An obstruction was encountered in the well above the water surface (no water level recorded).
1990-09-22
Note: An obstruction was encountered in the well above the water surface (no water level recorded).

Map ID:	63		
Agency cd:	USGS	Site no:	333427114443601
Site name:	007S021E12N001S		
Latitude:	333426.36	EDR Site id:	USGS3085080
Longitude:	1144437.02	Dec lat:	33.5740141
Dec lon:	-114.74441055	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	SWSWSWS12 T07S R21E S
Location map:	RIPLEY	Map scale:	Not Reported
Altitude:	385.85		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	191111
Date inventoried:	19610609	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	260.
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1944-12-00	Ground water data end date:	2000-02-16
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-02-16	142.98		1990-09-22	145.03	
1971-07-21					
Note: The site was dry (no water level recorded).					
1944-12	140				

Map ID:	64		
Agency cd:	USGS	Site no:	333426114445501
Site name:	007S021E14B001S		
Latitude:	333426.03	EDR Site id:	USGS3085070
Longitude:	1144454.58	Dec lat:	33.57392243
Dec lon:	-114.74928847	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NENWNES14 T07S R21E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	384.75		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19610609	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1944-00-00	Ground water data end date:	2000-02-16
Ground water data count:	16		

Ground-water levels, Number of Measurements: 16

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-02-16					
Note: An obstruction was encountered in the well above the water surface (no water level recorded).					
1990-09-22					
Note: An obstruction was encountered in the well above the water surface (no water level recorded).					
1983-05-26					
Note: An obstruction was encountered in the well above the water surface (no water level recorded).					
1971-07-21					
Note: The site was dry (no water level recorded).					
1963-01-09	139.82		1962-12-13	139.84	

Ground-water levels, continued.

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1962-11-08	139.82		1962-10-11	139.82	
1962-09-17	139.70		1962-08-16	139.75	
1962-07-19	139.81		1962-06-20	139.90	
1962-05-24	139.80		1962-02-15	138.00	
1961-06-09	137.06		1944	140	

Map ID:	64		
Agency cd:	USGS	Site no:	333426114445001
Site name:	007S021E14B002S		
Latitude:	333426	EDR Site id:	USGS3085069
Longitude:	1144450	Dec lat:	33.5739141
Dec lon:	-114.74801621	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	NENWNES14 T07S R21E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	385.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19720829	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1972-08-29	Ground water data end date:	1972-08-29
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1972-08-29		

Note: The well was destroyed (no water level is recorded).

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Map ID:	65		
Agency cd:	USGS	Site no:	333426114454201
Site name:	007S021E15A001S		
Latitude:	333425.82	EDR Site id:	USGS3085071
Longitude:	1144540.18	Dec lat:	33.57386407
Dec lon:	-114.76195553	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	04
State:	06	County:	065
Country:	US	Land net:	NENENES15 T07S R21E S
Location map:	ROOSEVELT MINE	Map scale:	24000
Altitude:	390.8		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19900923	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	CHI		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1990-09-23	Ground water data end date:	2004-03-02
Ground water data count:	22		

Ground-water levels, Number of Measurements: 22

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2004-03-02	137.41		2004-03-02	137.40	
2003-11-05	137.25		2003-11-05	137.25	
2003-06-03	137.27		2003-06-03	137.28	
2002-10-02	137.33		2002-10-02	137.32	
2002-04-03	137.39		2002-04-03	137.39	
2001-11-07	137.63		2001-11-07	137.63	
2001-07-11	137.53		2001-07-11	137.53	
2001-04-17	137.50		2001-04-17	137.50	
2001-02-25	139.27		2000-12-14	137.60	
2000-10-04	137.46		2000-03-29	137.40	
1992-03-23	137.73		1990-09-23	137.81	

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Map ID:	63		
Agency cd:	USGS	Site no:	333426114443801
Site name:	007S021E14A001S		
Latitude:	333425.76	EDR Site id:	USGS3085068
Longitude:	1144437.89	Dec lat:	33.57384744
Dec lon:	-114.74465222	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	NENENES14 T07S R21E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	386.86		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19610215	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	354.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1961-06-09	Ground water data end date:	2000-02-16
Ground water data count:	6		

Ground-water levels, Number of Measurements: 6

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
2000-02-16					
Note: The site was dry (no water level recorded).					
1990-09-22					
Note: An obstruction was encountered in the well above the water surface (no water level recorded).					
1971-07-01	141.00		1966-10-20	139.20	
1962-02-15	139.20		1961-06-09	139.66	

Map ID:	66		
Agency cd:	USGS	Site no:	333425114420101
Site name:	007S022E17C001S		
Latitude:	333425	EDR Site id:	USGS3085060
Longitude:	1144201	Dec lat:	33.57363638
Dec lon:	-114.70107038	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

Altitude:	252.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	13.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	10.00	

Map ID:	67		
Agency cd:	USGS	Site no:	333425114423701
Site name:	007S022E18A001S		
Latitude:	333425	EDR Site id:	USGS3085061
Longitude:	1144237	Dec lat:	33.57363637
Dec lon:	-114.71107068	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported
Altitude:	251.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	19650101
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	14.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	9.00	

Map ID:	63		
Agency cd:	USGS	Site no:	333425114443301
Site name:	007S021E13D001S		
Latitude:	333425	EDR Site id:	USGS3085062
Longitude:	1144433	Dec lat:	33.57363633
Dec lon:	-114.74329384	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	NWNWNWS13 T07S R21E S
Location map:	RIPLEY	Map scale:	24000
Altitude:	386.		
Altitude method:	Interpolated from topographic map		
Altitude accuracy:	2.5		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19720829	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	Not Reported
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1972-08-29	Ground water data end date:	1972-08-29
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1972-08-29		

Note: The well was destroyed (no water level is recorded).

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Map ID:	68		
Agency cd:	USGS	Site no:	333400114444701
Site name:	007S021E14H001S		
Latitude:	333400.06	EDR Site id:	USGS3085163
Longitude:	1144447.21	Dec lat:	33.56670874
Dec lon:	-114.74724109	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	SWSENES14 T07S R21E S
Location map:	RIPLEY	Map scale:	Not Reported
Altitude:	379.52		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	196602
Date inventoried:	19660208	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	900.	Hole depth:	1386.
Source of depth data:	driller		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1966-03-01	Ground water data end date:	1990-09-22
Ground water data count:	4		

Ground-water levels, Number of Measurements: 4

Date	Feet below Surface	Feet to Sealevel	Date	Feet below Surface	Feet to Sealevel
1990-09-22	137.60		1972-08-01	134.00	
1966-10-20	132.90		1966-03-01	130	

Map ID:	69		
Agency cd:	USGS	Site no:	333359114424601
Site name:	007S022E18J001S		
Latitude:	333359	EDR Site id:	USGS3085147
Longitude:	1144246	Dec lat:	33.56641434
Dec lon:	-114.71357066	Coor meth:	M
Coor accr:	S	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	Not Reported
Location map:	Not Reported	Map scale:	Not Reported

Altitude:	251.00		
Altitude method:	Level or other surveying method		
Altitude accuracy:	.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	Not Reported	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	14.0
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00
Peak flow data count:	0	Water quality data begin date:	0000-00-00
Water quality data end date:	0000-00-00	Water quality data count:	0
Ground water data begin date:	1971-07-01	Ground water data end date:	1971-07-01
Ground water data count:	1		

Ground-water levels, Number of Measurements: 1

Date	Feet below Surface	Feet to Sealevel
1971-07-01	10.00	

Map ID:	70		
Agency cd:	USGS	Site no:	333322114452701
Site name:	007S021E23C001S		
Latitude:	333327.09	EDR Site id:	USGS3085260
Longitude:	1144521.51	Dec lat:	33.55755063
Dec lon:	-114.75676904	Coor meth:	D
Coor accr:	H	Latlong datum:	NAD27
Dec latlong datum:	NAD83	District:	06
State:	06	County:	065
Country:	US	Land net:	SWNENWS23 T07S R21E S
Location map:	ROOSEVELT MINE	Map scale:	Not Reported
Altitude:	383.55		
Altitude method:	Differential Global Positioning System (GPS)		
Altitude accuracy:	0.1		
Altitude datum:	National Geodetic Vertical Datum of 1929		
Hydrologic:	Imperial Reservoir. Arizona, California. Area = 3320 sq.mi.		
Topographic:	Flat surface		
Site type:	Ground-water other than Spring	Date construction:	Not Reported
Date inventoried:	19611010	Mean greenwich time offset:	PST
Local standard time flag:	Y		
Type of ground water site:	Single well, other than collector or Ranney type		
Aquifer Type:	Not Reported		
Aquifer:	Not Reported		
Well depth:	Not Reported	Hole depth:	120.
Source of depth data:	Not Reported		
Project number:	Not Reported		
Real time data flag:	0	Daily flow data begin date:	0000-00-00
Daily flow data end date:	0000-00-00	Daily flow data count:	0
Peak flow data begin date:	0000-00-00	Peak flow data end date:	0000-00-00

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Peak flow data count: 0
Water quality data begin date: 0000-00-00
Water quality data end date: 0000-00-00
Water quality data count: 0
Ground water data begin date: 1961-10-10
Ground water data end date: 2000-02-16
Ground water data count: 3

Ground-water levels, Number of Measurements: 3

Date	Feet below Surface	Feet to Sealevel
2000-02-16		
Note: The site was dry (no water level recorded).		
1990-09-23		
Note: The site was dry (no water level recorded).		
1961-10-10		
Note: The site was dry (no water level recorded).		

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Water Well Information:

Map ID:	1
Longitude:	-114.693
Latiude:	33.6461
Stwellno:	06S22E20A001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004869

Map ID:	5
Longitude:	-114.7055
Latiude:	33.6314
Stwellno:	06S22E29D001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004813

Map ID:	7
Longitude:	-114.7049
Latiude:	33.6289
Stwellno:	06S22E29C001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004805

Map ID:	8
Longitude:	-114.6802
Latiude:	33.627
Stwellno:	06S22E28H001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004800

Map ID:	9
Longitude:	-114.6986
Latiude:	33.627
Stwellno:	06S22E29G001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004799

Map ID:	11
Longitude:	-114.6577
Latiude:	33.6267
Stwellno:	06S22E26E002S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004795

Map ID:	11
Longitude:	-114.6577
Latiude:	33.6267
Stwellno:	06S22E26E001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004794

Map ID:	9
Longitude:	-114.6983
Latiude:	33.6257
Stwellno:	06S22E29G002S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004789

Map ID:	12
Longitude:	-114.6577
Latiude:	33.6248
Stwellno:	06S22E26E003S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004781

Map ID:	13
Longitude:	-114.6622
Latiude:	33.6248
Stwellno:	06S22E27H001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004780

Map ID:	14
Longitude:	-114.6952
Latiude:	33.6231
Stwellno:	06S22E29J001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004768

Map ID:	15
Longitude:	-114.71
Latiude:	33.6223
Stwellno:	06S22E29M001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004765

Map ID:	16
Longitude:	-114.6597
Latiude:	33.6175
Stwellno:	06S22E27R001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004727

Map ID:	16
Longitude:	-114.6619
Latiude:	33.6175
Stwellno:	06S22E27R002S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004726

Map ID:	17
Longitude:	-114.7005
Latiude:	33.6175
Stwellno:	06S22E29Q001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004725

Map ID:	18
Longitude:	-114.6864
Latiude:	33.617
Stwellno:	06S22E33C005S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004718

Map ID:	18
Longitude:	-114.6871
Latiude:	33.6169
Stwellno:	06S22E33C004S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004717

Map ID:	21
Longitude:	-114.6675
Latiude:	33.6147
Stwellno:	06S22E34C001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004707

Map ID:	20
Longitude:	-114.6858
Latiude:	33.6145
Stwellno:	06S22E33C006S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004702

Map ID:	24
Longitude:	-114.67
Latiude:	33.6131
Stwellno:	06S22E34F001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004692

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Map ID:	25
Longitude:	-114.7047
Latiude:	33.6131
Stwellno:	06S22E32F001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004691

Map ID:	26
Longitude:	-114.7207
Latiude:	33.6131
Stwellno:	06S22E31F001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004690

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Water Wells:

Water System Information:

Map ID:	25		
Prime Station Code:	06S/22E-32F02 S	User ID:	WAT
FRDS Number:	3301553001	County:	Riverside
District Number:	14	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	333647.0 1144217.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 06		
System Number:	3301553		
System Name:	Blythe - Airport		
Organization That Operates System:			
	440 South Main Street		
	Blythe, CA 92225		
Pop Served:	40	Connections:	13
Area Served:	Not Reported		

Water System Information:

Map ID:	23		
Prime Station Code:	06S/22E-34J01 S	User ID:	33C
FRDS Number:	3301350001	County:	Riverside
District Number:	63	Station Type:	WELL/AMBNT/MUN/INTAKE
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	333646.0 1143929.0	Precision:	1,000 Feet (10 Seconds)
Source Name:	WELL 01		
System Number:	3301350		
System Name:	JUNCTION MOTEL		
Organization That Operates System:			
	Not Reported		
Pop Served:	Unknown, Small System	Connections:	Unknown, Small System
Area Served:	Not Reported		

Map ID:	25
Longitude:	-114.7052
Latiude:	33.6123
Stwellno:	06S22E32F003S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004681

Map ID:	27

Longitude:	-114.6833
Latiude:	33.6119
Stwellno:	06S22E33F003S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004675

Map ID:	27
Longitude:	-114.6858
Latiude:	33.6117
Stwellno:	06S22E33F002S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004673

Map ID:	27
Longitude:	-114.6849
Latiude:	33.6111
Stwellno:	06S22E33F001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004666

Map ID:	29
Longitude:	-114.6647
Latiude:	33.6103
Stwellno:	06S22E34G001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004660

Map ID:	31

Longitude:	-114.6536
Latiude:	33.6092
Stwellno:	06S22E35M001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004647

Map ID:	32
Longitude:	-114.7008
Latiude:	33.6092
Stwellno:	06S22E32K002S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004646

Map ID:	33
Longitude:	-114.7183
Latiude:	33.6092
Stwellno:	06S22E31K001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004645

Map ID:	34
Longitude:	-114.6971
Latiude:	33.6091
Stwellno:	06S22E32K004S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004641

Map ID:	32

Longitude:	-114.7004
Latiude:	33.6085
Stwellno:	06S22E32K003S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004635

Map ID:	35
Longitude:	-114.6677
Latiude:	33.6084
Stwellno:	06S22E34L001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004632

Map ID:	37
Longitude:	-114.7383
Latiude:	33.6053
Stwellno:	07S21E01C001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004608

Map ID:	39
Longitude:	-114.693
Latiude:	33.6042
Stwellno:	06S22E32R001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004596

Map ID:	40

Longitude:	-114.6577
Latiude:	33.6036
Stwellno:	06S22E34R002S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004588

Map ID:	41
Longitude:	-114.7288
Latiude:	33.6032
Stwellno:	06S21E36R001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004582

Map ID:	42
Longitude:	-114.6714
Latiude:	33.6028
Stwellno:	06S22E34N001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004573

Map ID:	42
Longitude:	-114.6711
Latiude:	33.6025
Stwellno:	07S22E03D002S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004571

Map ID:	42

Longitude:	-114.6711
Latiude:	33.6025
Stwellno:	07S22E03D001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004570

Water System Information:

Map ID:	44		
Prime Station Code:	07S/22E-06C01 S	User ID:	WAT
FRDS Number:	3310028001	County:	Riverside
District Number:	14	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Standby Raw
Source Lat/Long:	333608.0 1144300.0	Precision:	100 Feet (one Second)
Source Name:	WELL 02 - STANDBY		
System Number:	3310028		
System Name:	Riverside CSA #122		
Organization That Operates System:			
	25871 NEIGHBORS BLVD.		
	RIPLEY, CA 92272		
Pop Served:	1100	Connections:	363
Area Served:	Not Reported		
Sample Collected:	04/10/2006	Findings:	58. MG/L
Chemical:	NITRATE (AS NO3)		

Water System Information:

Map ID:	44		
Prime Station Code:	07S/22E-06C02 S	User ID:	WAT
FRDS Number:	3310028002	County:	Riverside
District Number:	14	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Destroyed
Source Lat/Long:	333607.0 1144305.0	Precision:	100 Feet (one Second)
Source Name:	WELL 03 - DESTROYED		
System Number:	3310028		
System Name:	Riverside CSA #122		
Organization That Operates System:			
	25871 NEIGHBORS BLVD.		
	RIPLEY, CA 92272		
Pop Served:	1100	Connections:	363
Area Served:	Not Reported		

Map ID:	46
Longitude:	-114.6772
Latiude:	33.5959
Stwellno:	07S22E04H002S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004507

Map ID:	45
Longitude:	-114.6577
Latiude:	33.5956
Stwellno:	07S22E03H001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004502

Map ID:	45
Longitude:	-114.6577
Latiude:	33.5956
Stwellno:	07S22E03H002S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004503

Map ID:	47
Longitude:	-114.6705
Latiude:	33.5956
Stwellno:	07S22E03L001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004501

Map ID:	46
Longitude:	-114.6752
Latiude:	33.5956
Stwellno:	07S22E04H001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004500

Map ID:	48
Longitude:	-114.7445
Latiude:	33.5954
Stwellno:	07S21E02J001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004496

Map ID:	49
Longitude:	-114.719
Latiude:	33.5953
Stwellno:	07S22E06L001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004494

Map ID:	50
Longitude:	-114.6844
Latiude:	33.5895
Stwellno:	07S22E04P001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004461

Map ID:	50
Longitude:	-114.683
Latiude:	33.5889
Stwellno:	07S22E04Q001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004450

Map ID:	52
Longitude:	-114.748
Latiude:	33.5889
Stwellno:	07S22E04Q002S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004449

Map ID:	53
Longitude:	-114.6744
Latiude:	33.5886
Stwellno:	07S22E03N001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004446

Map ID:	54
Longitude:	-114.6946
Latiude:	33.5886
Stwellno:	07S22E05R002S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004445

Map ID:	55
Longitude:	-114.7445
Latiude:	33.5886
Stwellno:	07S21E02R001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004444

Map ID:	55
Longitude:	-114.7443
Latiude:	33.5884
Stwellno:	07S21E12D001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004440

Water System Information:

Map ID:	56		
Prime Station Code:	07S/22E-09D01 S	User ID:	WAT
FRDS Number:	3310028003	County:	Riverside
District Number:	14	Station Type:	WELL/AMBNT
Water Type:	Well/Groundwater	Well Status:	Active Raw
Source Lat/Long:	333517.0 1144125.0	Precision:	100 Feet (one Second)
Source Name:	WELL 04		
System Number:	3310028		
System Name:	Riverside CSA #122		
Organization That Operates System:			
	25871 NEIGHBORS BLVD.		
	RIPLEY, CA 92272		
Pop Served:	1100	Connections:	363
Area Served:	Not Reported		
Sample Collected:	02/15/2011	Findings:	0.828 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	02/15/2011	Findings:	0.295 PCI/L
Chemical:	RADIUM 228 MDA95		
Sample Collected:	05/17/2011	Findings:	0.517 PCI/L
Chemical:	RADIUM 228 COUNTING ERROR		
Sample Collected:	05/17/2011	Findings:	0.295 PCI/L
Chemical:	RADIUM 228 MDA95		

Map ID:	56
Longitude:	-114.6906
Latiude:	33.588
Stwellno:	07S22E09D002S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004432

Map ID:	57
Longitude:	-114.6933
Latiude:	33.5859
Stwellno:	07S22E08A001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004414

Map ID:	59
Longitude:	-114.7416
Latiude:	33.5814
Stwellno:	07S21E12E001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004371

Map ID:	60
Longitude:	-114.7005
Latiude:	33.5811
Stwellno:	07S22E08K001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004370

Map ID:	61
Longitude:	-114.7052
Latiude:	33.5811
Stwellno:	07S22E08M001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004369

Map ID:	62
Longitude:	-114.6914
Latiude:	33.5742
Stwellno:	07S22E09N001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004313

Map ID:	63
Longitude:	-114.7444
Latiude:	33.5741
Stwellno:	07S21E12N002S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004311

Map ID:	63
Longitude:	-114.7444
Latiude:	33.574
Stwellno:	07S21E12N001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004310

Map ID:	63
Longitude:	-114.7447
Latiude:	33.5739
Stwellno:	07S21E14A001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004304

Map ID:	64
Longitude:	-114.748
Latiude:	33.5739
Stwellno:	07S21E14B002S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004303

Map ID:	64
Longitude:	-114.7493
Latiude:	33.5739
Stwellno:	07S21E14B001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004302

Map ID:	65
Longitude:	-114.762
Latiude:	33.5739
Stwellno:	07S21E15A001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004301

Map ID:	66
Longitude:	-114.7011
Latiude:	33.5736
Stwellno:	07S22E17C001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004296

Map ID:	67
Longitude:	-114.7111
Latiude:	33.5736
Stwellno:	07S22E18A001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004295

Map ID:	63
Longitude:	-114.7433
Latiude:	33.5736
Stwellno:	07S21E13D001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004294

Map ID:	68
Longitude:	-114.7472
Latiude:	33.5667
Stwellno:	07S21E14H001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004183

Map ID:	69
Longitude:	-114.7136
Latiude:	33.5664
Stwellno:	07S22E18J001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004175

GEOCHECK VERSION 2.1
STATE DATABASE WELL INFORMATION

Map ID:	70
Longitude:	-114.7568
Latiude:	33.5576
Stwellno:	07S21E23C001S
Districtco:	3
Welluseco:	Z
Countyco:	33
Gwcode:	703900
Site id:	CADW40000004041

CALIFORNIA GOVERNMENT WELL RECORDS SEARCHED

PWS: Public Water Systems
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data
Source: EPA/Office of Drinking Water
Telephone: 202-564-3750
Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

State Database: CA Radon
Source: Department of Health Services
Telephone: 916-324-2208
Radon Database for California

Area Radon Information
Source: USGS
Telephone: 703-356-4020
The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones
Source: EPA
Telephone: 703-356-4020
Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

USGS Water Wells: USGS National Water Inventory System (NWIS)
This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

Water Well Database
Source: Department of Water Resources
Telephone: 916-651-9648

California Drinking Water Quality Database
Source: Department of Health Services
Telephone: 916-324-2319
The database includes all drinking water compliance and special studies monitoring for the state of California since 1984. It consists of over 3,200,000 individual analyses along with well and water system information.

California Oil and Gas Well Locations
Source: Department of Conservation
Telephone: 916-323-1779
Oil and Gas well locations in the state.

STREET AND ADDRESS INFORMATION

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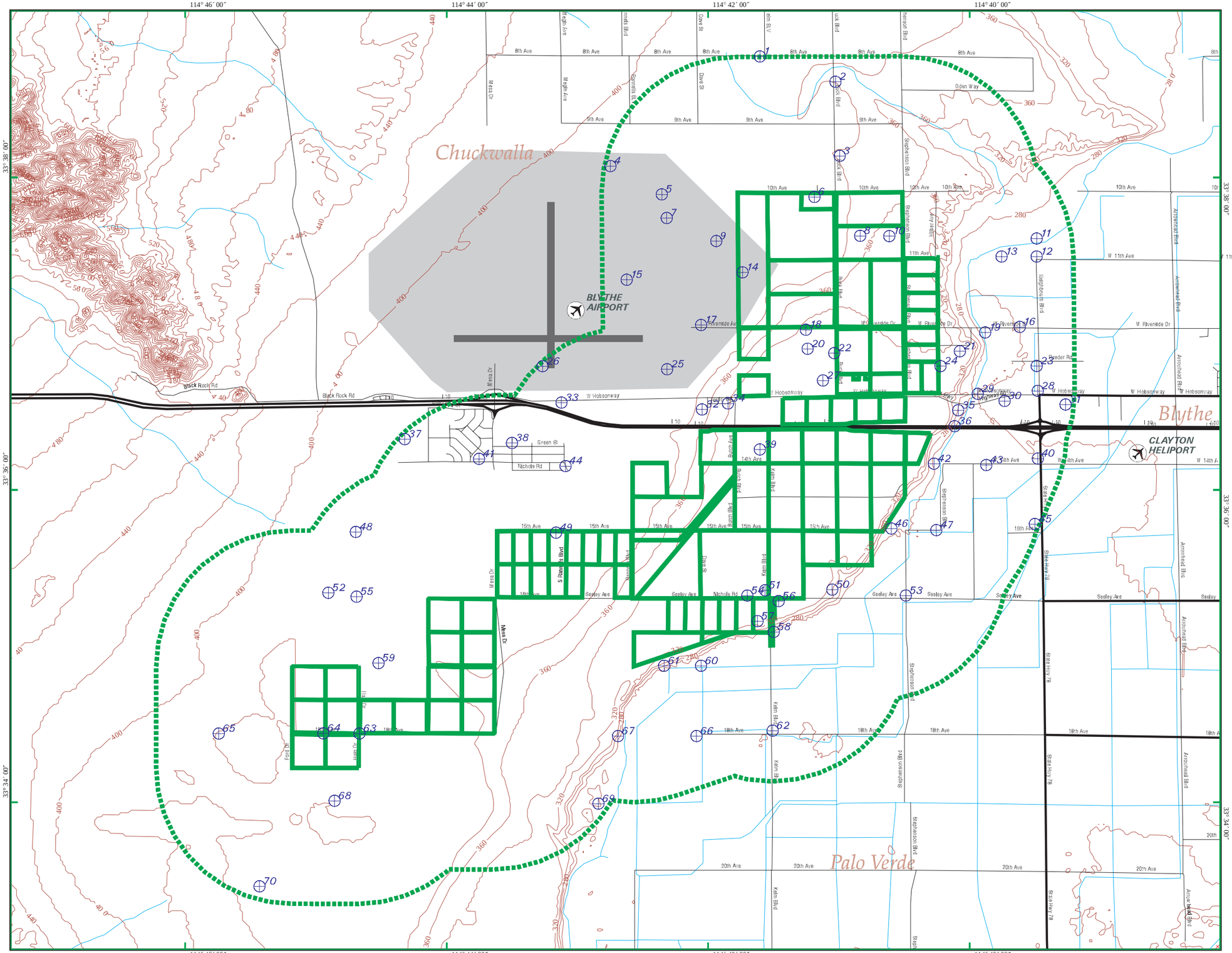
EDR DataMap® Well Search

BM



- Listed Water Wells
- Study Boundary
- Roads
- Major Roads
- Waterways
- Railroads
- Contour Lines
- Fault Lines
- Water
- Superfund Sites

N

Blythe, CA

0 1/2 1

Scale in Miles

EDR Environmental Data Resources, Inc

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3386243.1w - 14 Aug 12

Appendix B

EDR DataMap Area Study

BM
Blythe, CA 92225

Inquiry Number: 3386243.1s
August 14, 2012

EDR DataMap™ Area Study

Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

TARGET PROPERTY INFORMATION

ADDRESS

BLYTHE, CA 92225
BLYTHE, CA 92225

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records within the requested search area for the following databases:

FEDERAL RECORDS

NPL	National Priority List
Proposed NPL	Proposed National Priority List Sites
Delisted NPL	National Priority List Deletions
NPL LIENS	Federal Superfund Liens
CERCLIS	Comprehensive Environmental Response, Compensation, and Liability Information System
LIENS 2	CERCLA Lien Information
RCRA-TSDF	RCRA - Treatment, Storage and Disposal
RCRA-LQG	RCRA - Large Quantity Generators
RCRA-SQG	RCRA - Small Quantity Generators
RCRA-CESQG	RCRA - Conditionally Exempt Small Quantity Generator
US ENG CONTROLS	Engineering Controls Sites List
US INST CONTROL	Sites with Institutional Controls
ERNS	Emergency Response Notification System
HMIRS	Hazardous Materials Information Reporting System
DOT OPS	Incident and Accident Data
US CDL	Clandestine Drug Labs
US BROWNFIELDS	A Listing of Brownfields Sites
DOD	Department of Defense Sites
FUDS	Formerly Used Defense Sites
LUCIS	Land Use Control Information System
CONSENT	Superfund (CERCLA) Consent Decrees
ROD	Records Of Decision
UMTRA	Uranium Mill Tailings Sites
ODI	Open Dump Inventory
DEBRIS REGION 9	Torres Martinez Reservation Illegal Dump Site Locations
MINES	Mines Master Index File
TRIS	Toxic Chemical Release Inventory System
TSCA	Toxic Substances Control Act
FTTS	FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
HIST FTTS	FIFRA/TSCA Tracking System Administrative Case Listing
SSTS	Section 7 Tracking Systems
ICIS	Integrated Compliance Information System
PADS	PCB Activity Database System
MLTS	Material Licensing Tracking System

EXECUTIVE SUMMARY

RADINFO	Radiation Information Database
RAATS	RCRA Administrative Action Tracking System
FEMA UST	Underground Storage Tank Listing
COAL ASH DOE	Sleam-Electric Plan Operation Data
2020 COR ACTION	2020 Corrective Action Program List
PRP	Potentially Responsible Parties
EPA WATCH LIST	EPA WATCH LIST
US FIN ASSUR	Financial Assurance Information
FEDERAL FACILITY	Federal Facility Site Information listing
PCB TRANSFORMER	PCB Transformer Registration Database
US HIST CDL	National Clandestine Laboratory Register
SCRD DRYCLEANERS	State Coalition for Remediation of Drycleaners Listing
COAL ASH EPA	Coal Combustion Residues Surface Impoundments List

STATE AND LOCAL RECORDS

HIST Cal-Sites	Historical Calsites Database
CA BOND EXP. PLAN	Bond Expenditure Plan
SCH	School Property Evaluation Program
Toxic Pits	Toxic Pits Cleanup Act Sites
SWF/LF	Solid Waste Information System
UIC	UIC Listing
WDS	Waste Discharge System
NPDES	NPDES Permits Listing
Cortese	"Cortese" Hazardous Waste & Substances Sites List
SWRCY	Recycler Database
CA FID UST	Facility Inventory Database
UST	Active UST Facilities
LIENS	Environmental Liens Listing
SWEEPS UST	SWEEPS UST Listing
LDS	Land Disposal Sites Listing
MCS	Military Cleanup Sites Listing
Notify 65	Proposition 65 Records
DEED	Deed Restriction Listing
VCP	Voluntary Cleanup Program Properties
DRYCLEANERS	Cleaner Facilities
WIP	Well Investigation Program Case List
ENF	Enforcement Action Listing
CDL	Clandestine Drug Labs
RESPONSE	State Response Sites
HAZNET	Facility and Manifest Data
EMI	Emissions Inventory Data
ENVIROSTOR	EnviroStor Database
HAULERS	Registered Waste Tire Haulers Listing
FINANCIAL ASSURANCE	Financial Assurance Information Listing
HWP	EnviroStor Permitted Facilities Listing
MWMP	Medical Waste Management Program Listing
HWT	Registered Hazardous Waste Transporter Database
PROC	Certified Processors Database

TRIBAL RECORDS

INDIAN RESERV	Indian Reservations
INDIAN ODI	Report on the Status of Open Dumps on Indian Lands
INDIAN LUST	Leaking Underground Storage Tanks on Indian Land

EXECUTIVE SUMMARY

INDIAN UST..... Underground Storage Tanks on Indian Land
INDIAN VCP..... Voluntary Cleanup Priority Listing

EDR PROPRIETARY RECORDS

Manufactured Gas Plants..... EDR Proprietary Manufactured Gas Plants

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

FEDERAL RECORDS

CERC-NFRAP: Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

A review of the CERC-NFRAP list, as provided by EDR, and dated 12/28/2011 has revealed that there are 2 CERC-NFRAP sites within the searched area.

Site	Address	Map ID	Page
FARMER AIR SERVICE	***17500 W HOBSON WAY***	***5***	***104***
WEST COAST FLYING SERVICE	***13-400 W 14TH SAVE***	***7***	***107***

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 08/19/2011 has revealed that there are 2 CORRACTS sites within the searched area.

Site	Address	Map ID	Page
FARMER AIR SERVICE	***17500 W HOBSON WAY***	***5***	***104***
WEST COAST FLYING SERVICE	***13-400 W 14TH SAVE***	***7***	***107***

RCRA-NonGen: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA-NonGen list, as provided by EDR, and dated 03/15/2012 has revealed that there

are 2 RCRA-NonGen sites within the searched area.

Site	Address	Map ID	Page
FARMER AIR SERVICE	***17500 W HOBSON WAY***	***5***	***104***
WEST COAST FLYING SERVICE	***13-400 W 14TH SAVE***	***7***	***107***

FINDS: The Facility Index System contains both facility information and "pointers" to other sources of information that contain more detail. These include: RCRIS; Permit Compliance System (PCS); Aerometric Information Retrieval System (AIRS); FATES (FIFRA [Federal Insecticide Fungicide Rodenticide Act] and TSCA Enforcement System, FTTS [FIFRA/TSCA Tracking System]; CERCLIS; DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes); Federal Underground Injection Control (FURS); Federal Reporting Data System (FRDS); Surface Impoundments (SIA); TSCA Chemicals in Commerce Information System (CICS); PADS; RCRA-J (medical waste transporters/disposers); TRIS; and TSCA. The source of this database is the U.S. EPA/NTIS.

A review of the FINDS list, as provided by EDR, and dated 10/23/2011 has revealed that there are 2 FINDS sites within the searched area.

Site	Address	Map ID	Page
FARMER AIR SERVICE	***17500 W HOBSON WAY***	***5***	***104***
WEST COAST FLYING SERVICE	***13-400 W 14TH SAVE***	***7***	***107***

STATE AND LOCAL RECORDS

WMUDS/SWAT: The Waste Management Unit Database System is used for program tracking and inventory of waste management units. The source is the State Water Resources Control Board.

A review of the WMUDS/SWAT list, as provided by EDR, and dated 04/01/2000 has revealed that there is 1 WMUDS/SWAT site within the searched area.

Site	Address	Map ID	Page
Not reported	***BLYTHE AIRPORT***	***2***	***4***

HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

A review of the HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 3 HIST CORTESE sites within the searched area.

Site	Address	Map ID	Page
BLYTHE LEMON RANCH #2	***15550 WEST HOBSONWAY***	***3***	***9***
BLYTHE LEMON RANCH #41	15550 HOBSONEWAY	3	103
BLYTHE AIRPORT	***17240 HOBSONWAY***	***4***	***103***

EXECUTIVE SUMMARY

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the State Water Resources Control Board Leaking Underground Storage Tank Information System.

A review of the LUST list, as provided by EDR, and dated 06/14/2012 has revealed that there are 4 LUST sites within the searched area.

Site	Address	Map ID	Page
SUNWORLD FACILITY Status: Completed - Case Closed Status: Completed - Case Closed	15550 EAST HOBSONWAY	3	7
SUN WORLD	15550 W HOBSONWAY	3	9
BLYTHE LEMON RANCH #2 Status: Completed - Case Closed Status: Completed - Case Closed **Additional key fields are available in the Map Findings section*	***15550 WEST HOBSONWAY***	***3***	***9***
BLYTHE AIRPORT Status: Completed - Case Closed	***17240 HOBSONWAY***	***4***	***103***

SLIC: SLIC Region comes from the California Regional Water Quality Control Board.

A review of the SLIC list, as provided by EDR, and dated 06/14/2012 has revealed that there is 1 SLIC site within the searched area.

Site	Address	Map ID	Page
WOTEN AVIATION - BLYTHE	17798 BLYTHE WAY	6	107

HIST UST: Historical UST Registered Database.

A review of the HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there is 1 HIST UST site within the searched area.

Site	Address	Map ID	Page
BLYTHE RCAG	BLYTHE AFSFO	2	4

CHMIRS: The California Hazardous Material Incident Report System contains information on reported hazardous material incidents, i.e., accidental releases or spills. The source is the California Office of Emergency Services.

A review of the CHMIRS list, as provided by EDR, and dated 03/28/2012 has revealed that there is 1 CHMIRS site within the searched area.

Site	Address	Map ID	Page
Not reported	***BLYTHE AIRPORT***	***2***	***4***

EXECUTIVE SUMMARY

AST: The Aboveground Storage Tank database contains registered ASTs. The data come from the State Water Resources Control Board's Hazardous Substance Storage Container Database.

A review of the AST list, as provided by EDR, and dated 08/01/2009 has revealed that there is 1 AST site within the searched area.

Site	Address	Map ID	Page
BLYTHE LEMON RANCH	10151 BUCK BLVD.	1	4

EXECUTIVE SUMMARY

Please refer to the end of the findings report for unmapped orphan sites due to poor or inadequate address information.

MAP FINDINGS SUMMARY

Database	Total Plotted
FEDERAL RECORDS	
NPL	0
Proposed NPL	0
Delisted NPL	0
NPL LIENS	0
CERCLIS	0
CERC-NFRAP	2
LIENS 2	0
CORRACTS	2
RCRA-TSDF	0
RCRA-LQG	0
RCRA-SQG	0
RCRA-CESQG	0
RCRA-NonGen	2
US ENG CONTROLS	0
US INST CONTROL	0
ERNS	0
HMIRS	0
DOT OPS	0
US CDL	0
US BROWNFIELDS	0
DOD	0
FUDS	0
LUCIS	0
CONSENT	0
ROD	0
UMTRA	0
ODI	0
DEBRIS REGION 9	0
MINES	0
TRIS	0
TSCA	0
FTTS	0
HIST FTTS	0
SSTS	0
ICIS	0
PADS	0
MLTS	0
RADINFO	0
FINDS	2
RAATS	0
FEMA UST	0
COAL ASH DOE	0
2020 COR ACTION	0
PRP	0
EPA WATCH LIST	0
US FIN ASSUR	0
FEDERAL FACILITY	0
PCB TRANSFORMER	0

MAP FINDINGS SUMMARY

Database	Total Plotted
US HIST CDL	0
SCRD DRYCLEANERS	0
COAL ASH EPA	0

STATE AND LOCAL RECORDS

HIST Cal-Sites	0
CA BOND EXP. PLAN	0
SCH	0
Toxic Pits	0
SWF/LF	0
UIC	0
WDS	0
NPDES	0
WMUDS/SWAT	1
Cortese	0
HIST CORTESE	3
SWRCY	0
LUST	4
CA FID UST	0
SLIC	1
UST	0
HIST UST	1
LIENS	0
SWEEPS UST	0
CHMIRS	1
LDS	0
MCS	0
AST	1
Notify 65	0
DEED	0
VCP	0
DRYCLEANERS	0
WIP	0
ENF	0
CDL	0
RESPONSE	0
HAZNET	0
EMI	0
ENVIROSTOR	0
HAULERS	0
FINANCIAL ASSURANCE	0
HWP	0
MWMP	0
HWT	0
PROC	0

TRIBAL RECORDS

INDIAN RESERV	0
INDIAN ODI	0

MAP FINDINGS SUMMARY

Database	Total Plotted
INDIAN LUST	0
INDIAN UST	0
INDIAN VCP	0
EDR PROPRIETARY RECORDS	
Manufactured Gas Plants	0

NOTES:

Sites may be listed in more than one database

1 **BLYTHE LEMON RANCH** **AST** **A100339718**
10151 BUCK BLVD. **N/A**
BLYTHE, CA 92225

AST:

Owner:	SUN WORLD INTERNATIONAL LLC
Total Gallons:	3,500
Certified Unified Program Agencies:	Riverside

---

2 **BLYTHE RCAG** **HIST UST** **U001573612**
BLYTHE AFSFO **N/A**
BLYTHE, CA 92225

HIST UST:

Region:	STATE
Facility ID:	00000060256
Facility Type:	Other
Other Type:	AIRCRAFT AIR/GRD COU
Total Tanks:	0001
Contact Name:	TED MILLS
Telephone:	7143516709
Owner Name:	FEDERAL AVIATION ADMINISTRATIO
Owner Address:	6961 FLIGHT RD.
Owner City,St,Zip:	RIVERSIDE, CA 92504
Tank Num:	001
Container Num:	25
Year Installed:	1975
Tank Capacity:	00000510
Tank Used for:	PRODUCT
Type of Fuel:	DIESEL
Tank Construction:	12 gauge
Leak Detection:	Visual, Stock Inventor

---

2 **WMUDS/SWAT** **S103320645**
BLYTHE AIRPORT **CHMIRS** **N/A**
BLYTHE, CA

WMUDS/SWAT:

Edit Date:	Not reported
Complexity:	Not reported
Primary Waste:	Not reported
Primary Waste Type:	Not reported
Secondary Waste:	Not reported
Secondary Waste Type:	Not reported
Base Meridian:	SB
NPID:	Not reported
Tonnage:	0
Regional Board ID:	Not reported
Municipal Solid Waste:	False
Superorder:	False
Open To Public:	False
Waste List:	False
Agency Type:	Not reported
Agency Name:	AIRPORTS DEPT.
Agency Department:	Not reported
Agency Address:	Not reported
Agency City,St,Zip:	Not reported

(Continued) **S103320645**

Agency Contact:	Not reported
Agency Telephone:	7147872494
Land Owner Name:	RIVERSIDE COUNTY
Land Owner Address:	PO BOX 1090
Land Owner City,St,Zip:	RIVERSIDE, CA 92501
Land Owner Contact:	Not reported
Land Owner Phone:	7147872669
Region:	7
Facility Type:	Not reported
Facility Description:	Not reported
Facility Telephone:	Not reported
SWAT Facility Name:	BLYTHE AIRPORT DUMP
Primary SIC:	Not reported
Secondary SIC:	Not reported
Comments:	Not reported
Last Facility Editors:	Not reported
Waste Discharge System:	False
Solid Waste Assessment Test Program:	True
Toxic Pits Cleanup Act Program:	False
Resource Conservation Recovery Act:	False
Department of Defence:	False
Solid Waste Assessment Test Program:	AIRPORTS DEPT.
Threat to Water Quality:	Not reported
Sub Chapter 15:	False
Regional Board Project Officer:	AA
Number of WMUDS at Facility:	1
Section Range:	06S22E32
RCRA Facility:	Not reported
Waste Discharge Requirements:	Not reported
Self-Monitoring Rept. Frequency:	Not reported
Waste Discharge System ID:	7B330118011
Solid Waste Information ID:	33-AA-0064

CHMIRS:

OES Incident Number:	01-4565
OES notification:	8/10/200107:24:53 AM
OES Date:	Not reported
OES Time:	Not reported
Incident Date:	Not reported
Date Completed:	**Not reported**
Property Use:	Not reported
Agency Id Number:	Not reported
Agency Incident Number:	Not reported
Time Notified:	Not reported
Time Completed:	Not reported
Surrounding Area:	Not reported
Estimated Temperature:	Not reported
Property Management:	Not reported
Special Studies 1:	Not reported
Special Studies 2:	Not reported
Special Studies 3:	Not reported
Special Studies 4:	Not reported
Special Studies 5:	Not reported
Special Studies 6:	Not reported
More Than Two Substances Involved?:	Not reported
Resp Agncy Personel # Of Decontaminated:	Not reported
Responding Agency Personel # Of Injuries:	Not reported

(Continued) **S103320645**

Responding Agency Personel # Of Fatalities:	Not reported
Others Number Of Decontaminated:	Not reported
Others Number Of Injuries:	Not reported
Others Number Of Fatalities:	Not reported
Vehicle Make/year:	Not reported
Vehicle License Number:	Not reported
Vehicle State:	Not reported
Vehicle Id Number:	Not reported
CA/DOT/PUC/ICC Number:	Not reported
Company Name:	Not reported
Reporting Officer Name/ID:	Not reported
Report Date:	Not reported
Comments:	Not reported
Facility Telephone:	Not reported
Waterway Involved:	No
Waterway:	Not reported
Spill Site:	Not reported
Cleanup By:	Reporting Party
Containment:	Not reported
What Happened:	Not reported
Type:	Not reported
Measure:	Not reported
Other:	Not reported
Date/Time:	Not reported
Year:	2001
Agency:	So Cal Edison
Incident Date:	8/10/200112:00:00 AM
Admin Agency:	Riverside County Environmental Health
Amount:	Not reported
Contained:	Yes
Site Type:	Airport
E Date:	Not reported
Substance:	Mineral oil with PCB
Quantity Released:	Not reported
BBLS:	0
Cups:	0
CUFT:	0
Gallons:	2
Grams:	0
Pounds:	0
Liters:	0
Ounces:	0
Pints:	0
Quarts:	0
Sheen:	0
Tons:	0
Unknown:	0.000000
Evacuations:	0
Number of Injuries:	0
Number of Fatalities:	0
Description:	Wind storm Knocked down transformer. Mineral oil was spilt. NOTE: PCB content of 200 Parts per million

3 SUNWORLD FACILITY **LUST** **S106152993**
15550 EAST HOBSONWAY **N/A**
BLYTHE, CA 92225

LUST:

Region:	STATE
Global Id:	T0606500781
Latitude:	33.6105968
Longitude:	-114.5851354
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	03/19/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225043
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500781
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500781
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500781
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500781
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500781
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

SUNWORLD FACILITY (Continued) **S106152993**

Region:	STATE
Global Id:	T0606500868
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/23/1997
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225130
LOC Case Number:	91952
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500868
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500868
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500868
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500868
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500868
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

LUST REG 7:

Region: 7

SUNWORLD FACILITY (Continued) **S106152993**

Status:	9 - Case Closed
Case Num:	7T2225043
Substance:	Gasoline - Automotive
ID:	1177
Global ID:	T0606500781
Lead Agency:	Regional Board
Case Worker:	RT

---

3 **SUN WORLD** **LUST** **S104970796**
15550 W HOBSONWAY **N/A**
BLYTHE, CA

RIVERSIDE CO. LUST:

Region:	RIVERSIDE
Facility ID:	91952
Employee:	Hoy
Site Closed:	Referred to Water Board
Case Type:	Soil only
Facility Status:	0

---

3 **BLYTHE LEMON RANCH #2** **HIST CORTESE** **S103891543**
15550 WEST HOBSONWAY **LUST** **N/A**
BLYTHE, CA 92225

CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	7T2225087
Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	7T2225043
Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	7T2225050
Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	7T2225069
Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	7T2225066
Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	7T2225065
Region:	CORTESE

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225067

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225068

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225063

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225064

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225070

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225071

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225072

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225073

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225074

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225075

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225076

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Reg Id: 7T2225077

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225078

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225079

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225080

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225081

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225082

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225083

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225084

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225085

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225086

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225088

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225089

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225090

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225091

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225092

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225093

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225094

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225095

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225096

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225097

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225098

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225099

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225100

Region: CORTESE
Facility County Code: 33

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Reg By: LTNKA
Reg Id: 7T2225101

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225103

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225104

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225105

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225106

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225107

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225108

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225109

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225110

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225111

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225112

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225113

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225114

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225115

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225116

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225117

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225118

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225119

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225120

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225121

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225122

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225123

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225124

Region: CORTESE
Facility County Code: 33

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Reg By: LTNKA
Reg Id: 7T2225125

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225126

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225127

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225128

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225129

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225131

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225132

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225133

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225134

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225135

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225136

Region: CORTESE
Facility County Code: 33
Reg By: LTNKA
Reg Id: 7T2225137

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	7T2225138

Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	7T2225130

LUST:

Region:	STATE
Global Id:	T0606500804
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/25/1997
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225066
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500804
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500804
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500804
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500804
Action Type:	Other

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500804
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500815
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/03/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225077
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500815
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500815
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500815
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500815
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Global Id:	T0606500815
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500865
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/23/1997
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225127
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500865
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500865
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500865
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500865
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500865
Action Type:	Other

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500845
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/26/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225107
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500845
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500845
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500845
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500845
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500845
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Region:	STATE
Global Id:	T0606500824
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/23/1997
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225086
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500824
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500824
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500824
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500824
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500824
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500862

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/22/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225124
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500862
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500862
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500862
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500862
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500862
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500836
Latitude:	33.611111
Longitude:	-114.694174

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/02/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225098
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500836
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500836
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500836
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500836
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500836
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500838
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225100
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500838
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500838
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500838
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500838
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500838
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500873
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225135
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500873
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

Global Id:	T0606500873
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0606500873
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500873
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500873
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500818
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

RB Case Number:	7T2225080
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500818
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500818
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500818
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500818
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500818
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500871
Latitude:	33.6096253
Longitude:	-114.697655
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225133
LOC Case Number:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500871
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500871
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500871
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500871
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500871
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500861
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225123
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500861
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500861
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500861
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500861
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500861
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500856
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/30/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225118
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500856
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500856
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500856
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500856
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500856
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500834
Latitude:	33.6096253
Longitude:	-114.697655
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/22/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225096
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500834
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500834
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500834
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500834
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500834
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500829
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/02/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225091
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500829
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500829
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500829
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500829
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500829
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500806
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/09/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225068
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500806
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500806
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500806
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500806
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500806
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500822
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225084
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500822
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500822
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500822
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500822
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500822
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500801
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/14/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225063
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500801
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500801
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500801
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500801
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500801
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500848
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225110
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500848
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500848
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500848
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500848
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500848
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500859
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/26/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225121
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500859
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500859
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500859
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500859
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500859
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500874
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225136
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500874
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500874
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500874
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500874
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500874
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500876
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225138
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500876
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500876
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500876
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500876
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500876
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500820
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/26/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225082
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500820
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500820
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500820
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500820
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500820
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500814
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/26/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225076
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500814
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500814
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500814
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500814
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500814
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500788
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/30/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225050
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500788
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500788
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500788
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500854
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/23/1997
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225116
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500854
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Global Id:	T0606500854
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500854
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped
Global Id:	T0606500854
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0606500854
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500875
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225137
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500875
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported
Global Id:	T0606500875
Contact Type:	Local Agency Caseworker

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500875
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped
Global Id:	T0606500875
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0606500875
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500835
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/11/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225097
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500835
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported
Global Id:	T0606500835
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Address: PO Box 1280
City: RIVERSIDE
Email: Not reported
Phone Number: 9519558982

LUST:
Global Id: T0606500835
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0606500835
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0606500835
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Region: STATE
Global Id: T0606500863
Latitude: 33.6096253
Longitude: -114.697655
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 08/13/1996
Lead Agency: COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker: RSF
Local Agency: RIVERSIDE COUNTY LOP
RB Case Number: 7T2225125
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:
Global Id: T0606500863
Contact Type: Regional Board Caseworker
Contact Name: RON FALKOWSKI
Organization Name: COLORADO RIVER BASIN RWQCB (REGION 7)
Address: 73-720 FRED WARING DR. STE. 100
City: PALM DESERT
Email: rfalk@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606500863
Contact Type: Local Agency Caseworker
Contact Name: Riverside County LOP Closed Cases
Organization Name: RIVERSIDE COUNTY LOP
Address: PO Box 1280
City: RIVERSIDE

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Email: Not reported
Phone Number: 9519558982

LUST:
Global Id: T0606500863
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

Global Id: T0606500863
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0606500863
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Region: STATE
Global Id: T0606500867
Latitude: 33.6096253
Longitude: -114.697655
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 05/23/1996
Lead Agency: COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker: RSF
Local Agency: RIVERSIDE COUNTY LOP
RB Case Number: 7T2225129
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:
Global Id: T0606500867
Contact Type: Regional Board Caseworker
Contact Name: RON FALKOWSKI
Organization Name: COLORADO RIVER BASIN RWQCB (REGION 7)
Address: 73-720 FRED WARING DR. STE. 100
City: PALM DESERT
Email: rfalk@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606500867
Contact Type: Local Agency Caseworker
Contact Name: Riverside County LOP Closed Cases
Organization Name: RIVERSIDE COUNTY LOP
Address: PO Box 1280
City: RIVERSIDE
Email: Not reported
Phone Number: 9519558982

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

LUST:

Global Id:	T0606500867
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped
Global Id:	T0606500867
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0606500867
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500828
Latitude:	33.6096253
Longitude:	-114.697655
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/23/1997
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225090
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500828
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported
Global Id:	T0606500828
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500828

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped
Global Id:	T0606500828
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0606500828
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500853
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/26/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225115
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500853
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported
Global Id:	T0606500853
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500853
Action Type:	Other
Date:	01/01/1950

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Action: Leak Stopped

Global Id: T0606500853
Action Type: Other
Date: 01/01/1950
Action: Leak Discovery

Global Id: T0606500853
Action Type: Other
Date: 01/01/1950
Action: Leak Reported

Region: STATE
Global Id: T0606500850
Latitude: 33.611111
Longitude: -114.694174
Case Type: LUST Cleanup Site
Status: Completed - Case Closed
Status Date: 05/30/1996
Lead Agency: COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker: RSF
Local Agency: RIVERSIDE COUNTY LOP
RB Case Number: 7T2225112
LOC Case Number: Not reported
File Location: Not reported
Potential Media Affect: Soil
Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:
Global Id: T0606500850
Contact Type: Regional Board Caseworker
Contact Name: RON FALKOWSKI
Organization Name: COLORADO RIVER BASIN RWQCB (REGION 7)
Address: 73-720 FRED WARING DR. STE. 100
City: PALM DESERT
Email: rfalk@waterboards.ca.gov
Phone Number: Not reported

Global Id: T0606500850
Contact Type: Local Agency Caseworker
Contact Name: Riverside County LOP Closed Cases
Organization Name: RIVERSIDE COUNTY LOP
Address: PO Box 1280
City: RIVERSIDE
Email: Not reported
Phone Number: 9519558982

LUST:
Global Id: T0606500850
Action Type: Other
Date: 01/01/1950
Action: Leak Stopped

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Global Id:	T0606500850
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500850
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500807
Latitude:	33.6096253
Longitude:	-114.697655
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/26/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225069
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500807
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500807
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500807
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500807
Action Type:	Other

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500807
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500851
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/30/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225113
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500851
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500851
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500851
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500851
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Global Id:	T0606500851
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500855
Latitude:	33.6096253
Longitude:	-114.697655
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/23/1997
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225117
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500855
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500855
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500855
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500855
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500855
Action Type:	Other

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500812
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/22/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225074
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500812
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500812
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500812
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500812
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500812
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Region:	STATE
Global Id:	T0606500811
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225073
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500811
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500811
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500811
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500811
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500811
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500832

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/23/1997
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225094
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500832
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500832
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500832
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500832
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500832
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500870
Latitude:	33.6096253
Longitude:	-114.697655

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/23/1997
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225132
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500870
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500870
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500870
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500870
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500870
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500847
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Status Date:	07/02/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225109
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500847
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500847
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500847
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500847
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500847
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500819
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/23/1997
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225081
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Under Investigation
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500819
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500819
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500819
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500819
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500819
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500839
Latitude:	33.6096253
Longitude:	-114.697655
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/26/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

RB Case Number:	7T2225101
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500839
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500839
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500839
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500839
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500839
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500857
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/14/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225119
LOC Case Number:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500857
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500857
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500857
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500857
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500857
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500840
Latitude:	33.6096253
Longitude:	-114.697655
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/02/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225102
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Potential Contaminants of Concern: Gasoline
Site History: Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500840
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500840
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500840
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500840
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500840
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500858
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/26/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225120
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500858
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500858
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500858
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500858
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500858
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500817
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/03/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225079
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500817
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500817
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500817
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500817
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500817
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500821
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/14/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225083
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500821
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500821
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500821
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500821
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500821
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500810
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225072
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500810
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500810
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500810
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500810
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500810
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500844
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/02/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225106
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500844
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

Global Id:	T0606500844
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

LUST:

Global Id:	T0606500844
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500844
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500844
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500803
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	04/25/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225065
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500803
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500803
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500803
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500803
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500803
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500831
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/22/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225093
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500831
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500831
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500831
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500831
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500831
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500837
Latitude:	33.6096253
Longitude:	-114.697655
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/11/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225099
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500837
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500837
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500837
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500837
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500837
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500826
Latitude:	33.6096253
Longitude:	-114.697655
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/26/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225088
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500826
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500826
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500826
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500826
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500826
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500805
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/18/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225067
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500805
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500805
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500805
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500805
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500805
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500866
Latitude:	33.6096253
Longitude:	-114.697655
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/26/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225128
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500866
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500866
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500866
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500866
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500866
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500860
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/26/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225122
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500860
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500860
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500860
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500860
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500860
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500809
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/22/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225071
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500809
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500809
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500809
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500809
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500809
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500802
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/14/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225064
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500802
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500802
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500802
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500802
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500802
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500813
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/26/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225075
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500813
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500813
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500813
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500813
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500813
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500825
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/23/1997
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225087
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500825
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500825
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500825
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500825
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500825
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500823
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/14/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225085
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500823
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500823
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500823
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500823
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500823
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500841
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/18/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225103
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500841
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500841
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500841
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500841
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500841
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500816
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/03/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225078
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500816
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500816
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500816
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500816
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500816
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500846
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/26/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225108
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500846
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500846
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500846
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500846
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500846
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500842
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/18/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225104
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500842
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500842
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500842
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500842
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500842
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500843
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225105
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500843
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500843
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500843
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500843
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500843
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500864
Latitude:	33.6096253
Longitude:	-114.697655
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/18/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225126
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500864
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500864
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500864
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500864
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500864
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500872
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/26/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225134
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500872
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500872
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500872
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500872
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500872
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500849
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225111
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500849
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500849
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500849
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500849
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500849
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500869
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225131
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500869
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500869
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500869
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500869
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500869
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500827
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	05/30/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225089
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500827
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500827
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500827
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500827
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500827
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500808
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	07/22/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225070
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500808
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500808
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500808
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500808
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500808
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500852
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	10/11/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225114
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500852
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500852
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500852
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500852
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500852
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500833
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	08/13/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225095
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500833
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500833
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500833
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500833
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500833
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

Region:	STATE
Global Id:	T0606500830
Latitude:	33.611111
Longitude:	-114.694174
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	09/18/1996
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225092
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500830
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500830
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

LUST:

Global Id:	T0606500830
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped

Global Id:	T0606500830
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery

Global Id:	T0606500830
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported

LUST REG 7:

Region:	7
Status:	9 - Case Closed
Case Num:	7T2225050
Substance:	Gasoline - Automotive
ID:	1176
Global ID:	T0606500788
Lead Agency:	Regional Board
Case Worker:	RT

Region:	7
Status:	9 - Case Closed
Case Num:	7T2225123
Substance:	Gasoline - Automotive
ID:	518
Global ID:	T0606500861
Lead Agency:	Regional Board
Case Worker:	RT

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225071
Substance: Gasoline - Automotive
ID: 462
Global ID: T0606500809
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225072
Substance: Gasoline - Automotive
ID: 463
Global ID: T0606500810
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225073
Substance: Gasoline - Automotive
ID: 464
Global ID: T0606500811
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225074
Substance: Gasoline - Automotive
ID: 465
Global ID: T0606500812
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225075
Substance: Gasoline - Automotive
ID: 466
Global ID: T0606500813
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225076
Substance: Gasoline - Automotive
ID: 467
Global ID: T0606500814
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225077

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Substance: Gasoline - Automotive
ID: 468
Global ID: T0606500815
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225078
Substance: Gasoline - Automotive
ID: 469
Global ID: T0606500816
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225079
Substance: Gasoline - Automotive
ID: 470
Global ID: T0606500817
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225080
Substance: Gasoline - Automotive
ID: 471
Global ID: T0606500818
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225063
Substance: Gasoline - Automotive
ID: 472
Global ID: T0606500801
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225081
Substance: Gasoline - Automotive
ID: 473
Global ID: T0606500819
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225082
Substance: Gasoline - Automotive
ID: 474
Global ID: T0606500820

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225083
Substance: Gasoline - Automotive
ID: 475
Global ID: T0606500821
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225084
Substance: Gasoline - Automotive
ID: 476
Global ID: T0606500822
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225085
Substance: Gasoline - Automotive
ID: 477
Global ID: T0606500823
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225086
Substance: Gasoline - Automotive
ID: 478
Global ID: T0606500824
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225087
Substance: Gasoline - Automotive
ID: 479
Global ID: T0606500825
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225088
Substance: Gasoline - Automotive
ID: 480
Global ID: T0606500826
Lead Agency: Regional Board
Case Worker: RT

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225089
Substance: Gasoline - Automotive
ID: 481
Global ID: T0606500827
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225090
Substance: Gasoline - Automotive
ID: 482
Global ID: T0606500828
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225064
Substance: Gasoline - Automotive
ID: 483
Global ID: T0606500802
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225091
Substance: Gasoline - Automotive
ID: 484
Global ID: T0606500829
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225092
Substance: Gasoline - Automotive
ID: 485
Global ID: T0606500830
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225093
Substance: Gasoline - Automotive
ID: 486
Global ID: T0606500831
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225094

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Substance: Gasoline - Automotive
ID: 487
Global ID: T0606500832
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225095
Substance: Gasoline - Automotive
ID: 488
Global ID: T0606500833
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225096
Substance: Gasoline - Automotive
ID: 489
Global ID: T0606500834
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225097
Substance: Gasoline - Automotive
ID: 490
Global ID: T0606500835
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225099
Substance: Gasoline - Automotive
ID: 491
Global ID: T0606500837
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225100
Substance: Gasoline - Automotive
ID: 492
Global ID: T0606500838
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225065
Substance: Gasoline - Automotive
ID: 493
Global ID: T0606500803

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225101
Substance: Gasoline - Automotive
ID: 494
Global ID: T0606500839
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225102
Substance: Gasoline - Automotive
ID: 495
Global ID: T0606500840
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225103
Substance: Gasoline - Automotive
ID: 496
Global ID: T0606500841
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225104
Substance: Gasoline - Automotive
ID: 497
Global ID: T0606500842
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225105
Substance: Gasoline - Automotive
ID: 498
Global ID: T0606500843
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225106
Substance: Gasoline - Automotive
ID: 499
Global ID: T0606500844
Lead Agency: Regional Board
Case Worker: RT

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225107
Substance: Gasoline - Automotive
ID: 500
Global ID: T0606500845
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225108
Substance: Gasoline - Automotive
ID: 501
Global ID: T0606500846
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225109
Substance: Gasoline - Automotive
ID: 502
Global ID: T0606500847
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225110
Substance: Gasoline - Automotive
ID: 503
Global ID: T0606500848
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225066
Substance: Gasoline - Automotive
ID: 504
Global ID: T0606500804
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225111
Substance: Gasoline - Automotive
ID: 505
Global ID: T0606500849
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225112

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Substance: Gasoline - Automotive
ID: 506
Global ID: T0606500850
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225113
Substance: Gasoline - Automotive
ID: 507
Global ID: T0606500851
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225114
Substance: Gasoline - Automotive
ID: 508
Global ID: T0606500852
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225115
Substance: Gasoline - Automotive
ID: 509
Global ID: T0606500853
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225116
Substance: Gasoline - Automotive
ID: 510
Global ID: T0606500854
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225117
Substance: Gasoline - Automotive
ID: 511
Global ID: T0606500855
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225118
Substance: Gasoline - Automotive
ID: 512
Global ID: T0606500856

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225119
Substance: Gasoline - Automotive
ID: 513
Global ID: T0606500857
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225120
Substance: Gasoline - Automotive
ID: 514
Global ID: T0606500858
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225067
Substance: Gasoline - Automotive
ID: 515
Global ID: T0606500805
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225121
Substance: Gasoline - Automotive
ID: 516
Global ID: T0606500859
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225122
Substance: Gasoline - Automotive
ID: 517
Global ID: T0606500860
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225124
Substance: Gasoline - Automotive
ID: 519
Global ID: T0606500862
Lead Agency: Regional Board
Case Worker: RT

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225125
Substance: Gasoline - Automotive
ID: 520
Global ID: T0606500863
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225126
Substance: Gasoline - Automotive
ID: 521
Global ID: T0606500864
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225127
Substance: Gasoline - Automotive
ID: 522
Global ID: T0606500865
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225128
Substance: Gasoline - Automotive
ID: 523
Global ID: T0606500866
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225129
Substance: Gasoline - Automotive
ID: 524
Global ID: T0606500867
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225130
Substance: Gasoline - Automotive
ID: 525
Global ID: T0606500868
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225068

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Substance: Gasoline - Automotive
ID: 526
Global ID: T0606500806
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225131
Substance: Gasoline - Automotive
ID: 527
Global ID: T0606500869
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225132
Substance: Gasoline - Automotive
ID: 528
Global ID: T0606500870
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225133
Substance: Gasoline - Automotive
ID: 529
Global ID: T0606500871
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225134
Substance: Gasoline - Automotive
ID: 530
Global ID: T0606500872
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225135
Substance: Gasoline - Automotive
ID: 531
Global ID: T0606500873
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225136
Substance: Gasoline - Automotive
ID: 532
Global ID: T0606500874

BLYTHE LEMON RANCH #2 (Continued) **S103891543**

Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225137
Substance: Gasoline - Automotive
ID: 533
Global ID: T0606500875
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225138
Substance: Gasoline - Automotive
ID: 534
Global ID: T0606500876
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225069
Substance: Gasoline - Automotive
ID: 535
Global ID: T0606500807
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225070
Substance: Gasoline - Automotive
ID: 536
Global ID: T0606500808
Lead Agency: Regional Board
Case Worker: RT

Region: 7
Status: 9 - Case Closed
Case Num: 7T2225098
Substance: Gasoline - Automotive
ID: 537
Global ID: T0606500836
Lead Agency: Regional Board
Case Worker: RT

3 **BLYTHE LEMON RANCH #41**
15550 HOBSONEWAY
BLYTHE, CA 92225

HIST CORTESE **S105022809**
N/A

CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	7T2225102

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4 **BLYTHE AIRPORT**
17240 HOBSONWAY
BLYTHE, CA 92225

HIST CORTESE **S105022819**
LUST **N/A**

CORTESE:

Region:	CORTESE
Facility County Code:	33
Reg By:	LTNKA
Reg Id:	7T2225153

LUST:

Region:	STATE
Global Id:	T0606500891
Latitude:	33.609605
Longitude:	-114.711707
Case Type:	LUST Cleanup Site
Status:	Completed - Case Closed
Status Date:	01/17/2002
Lead Agency:	COLORADO RIVER BASIN RWQCB (REGION 7)
Case Worker:	RSF
Local Agency:	RIVERSIDE COUNTY LOP
RB Case Number:	7T2225153
LOC Case Number:	Not reported
File Location:	Not reported
Potential Media Affect:	Soil
Potential Contaminants of Concern:	Gasoline
Site History:	Not reported

Click here to access the California GeoTracker records for this facility:

LUST:

Global Id:	T0606500891
Contact Type:	Regional Board Caseworker
Contact Name:	RON FALKOWSKI
Organization Name:	COLORADO RIVER BASIN RWQCB (REGION 7)
Address:	73-720 FRED WARING DR. STE. 100
City:	PALM DESERT
Email:	rfalk@waterboards.ca.gov
Phone Number:	Not reported

Global Id:	T0606500891
Contact Type:	Local Agency Caseworker
Contact Name:	Riverside County LOP Closed Cases
Organization Name:	RIVERSIDE COUNTY LOP
Address:	PO Box 1280
City:	RIVERSIDE
Email:	Not reported
Phone Number:	9519558982

BLYTHE AIRPORT (Continued) **S105022819**

LUST:

Global Id:	T0606500891
Action Type:	Other
Date:	01/01/1950
Action:	Leak Stopped
Global Id:	T0606500891
Action Type:	Other
Date:	01/01/1950
Action:	Leak Discovery
Global Id:	T0606500891
Action Type:	Other
Date:	01/01/1950
Action:	Leak Reported
Global Id:	T0606500891
Action Type:	ENFORCEMENT
Date:	09/04/2001
Action:	Staff Letter

LUST REG 7:

Region:	7
Status:	9 - Case Closed
Case Num:	7T2225153
Substance:	Gasoline - Automotive
ID:	459
Global ID:	T0606500891
Lead Agency:	Regional Board
Case Worker:	YO

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5 **FARMER AIR SERVICE** **CERC-NFRAP** **1000818170**
17500 W HOBSON WAY **CORRACTS** **CAD980889216**
BLYTHE, CA 92225 **RCRA-NonGen**
FINDS

CERC-NFRAP:

Site ID:	0903526
Federal Facility:	Not a Federal Facility
NPL Status:	Not on the NPL
Non NPL Status:	NFRAP-Site does not qualify for the NPL based on existing information

CERCLIS-NFRAP Site Contact Details:

Contact Sequence ID:	13054216.00000
Person ID:	9271184.00000
Contact Sequence ID:	13287956.00000
Person ID:	13003854.00000
Contact Sequence ID:	13293551.00000
Person ID:	13003858.00000
Contact Sequence ID:	13299409.00000
Person ID:	13004003.00000

FARMER AIR SERVICE (Continued) **1000818170**

CERCLIS-NFRAP Assessment History:

Action:	DISCOVERY
Date Started:	Not reported
Date Completed:	12/01/1988
Priority Level:	Not reported
Action:	ARCHIVE SITE
Date Started:	Not reported
Date Completed:	08/31/1989
Priority Level:	Not reported
Action:	SITE INSPECTION
Date Started:	Not reported
Date Completed:	08/31/1989
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information
Action:	RESOURCE CONSERVATION AND RECOVERY ACT FACILITY ASSESSMENT
Date Started:	Not reported
Date Completed:	08/31/1989
Priority Level:	Not reported
Action:	PRELIMINARY ASSESSMENT
Date Started:	Not reported
Date Completed:	08/31/1989
Priority Level:	NFRAP-Site does not qualify for the NPL based on existing information

CORRACTS:

EPA ID:	CAD980889216
EPA Region:	09
Area Name:	ENTIRE FACILITY
Actual Date:	05/31/1989
Action:	CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s):	Not reported
Original schedule date:	Not reported
Schedule end date:	Not reported
EPA ID:	CAD980889216
EPA Region:	09
Area Name:	ENTIRE FACILITY
Actual Date:	07/29/1992
Action:	CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s):	Not reported
Original schedule date:	Not reported
Schedule end date:	Not reported

RCRA-NonGen:

Date form received by agency: 08/03/1992

Facility name:	FARMERS AERIAL SVC
Facility address:	17500 W HOBSON WAY BLYTHE, CA 92225
EPA ID:	CAD980889216
Mailing address:	W HOBSON WAY

FARMER AIR SERVICE (Continued) **1000818170**

	BLYTHE, CA 92225
Contact:	NONNOTIF NONNOTIF
Contact address:	17500 W HOBSON WAY BLYTHE, CA 92225
Contact country:	US
Contact telephone:	Not reported
Contact email:	Not reported
EPA Region:	09
Classification:	Non-Generator
Description:	Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name:	FARMERS AERIAL SVC
Owner/operator address:	17500 W HOBSON WY BLYTHE, CA 92225
Owner/operator country:	Not reported
Owner/operator telephone:	Not reported
Legal status:	Private
Owner/Operator Type:	Owner
Owner/Op start date:	Not reported
Owner/Op end date:	Not reported

Handler Activities Summary:

U.S. importer of hazardous waste:	No
Mixed waste (haz. and radioactive):	No
Recycler of hazardous waste:	No
Transporter of hazardous waste:	No
Treater, storer or disposer of HW:	No
Underground injection activity:	No
On-site burner exemption:	No
Furnace exemption:	No
Used oil fuel burner:	No
Used oil processor:	No
User oil refiner:	No
Used oil fuel marketer to burner:	No
Used oil Specification marketer:	No
Used oil transfer facility:	No
Used oil transporter:	No

Corrective Action Summary:

Event date:	05/31/1989
Event:	CA029WQ
Event date:	05/31/1989
Event:	CA Prioritization, Facility or area was assigned a low corrective action priority.
Event date:	05/31/1989
Event:	CA049PA
Event date:	08/31/1989
Event:	CA049SI
Event date:	07/29/1992
Event:	CA Prioritization, Facility or area was assigned a low corrective action priority.

FARMER AIR SERVICE (Continued) **1000818170**

Event date: 07/29/1992
Event: Stabilization Measures Evaluation,This facility is not amenable to stabilization activity at the present time for reasons other than 1- it appears to be technically infeasible or inappropriate (NF) or 2- there is a lack of technical information (IN). Reasons for this conclusion may be the status of closure at the facility, the degree of risk, timing considerations, the status of corrective action work at the facility, or other administrative considerations.

Event date: Not reported
Event: CA03192

Violation Status: No violations found

FINDS:

Registry ID: 110002675436

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

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6 **WOTEN AVIATION - BLYTHE** **SLIC** **S105756788**
17798 BLYTHE WAY **N/A**
BLYTHE, CA 92225

SLIC REG 7:
Region: 7
Responsible Party Name: Woten Aviation Services
Facility Status: Active
SLIC File Code: WAB
Township / Range: Not reported
Hydrologic Unit: Colorado River
Groundwater Levels: Not reported
Case Reference: Not reported
Consultant ID: 27
Agency ID: Not reported

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7 **WEST COAST FLYING SERVICE** **CERC-NFRAP** **1000818157**
13-400 W 14TH SAVE **CORRACTS** **CAD067652156**
BLYTHE, CA 92225 **RCRA-NonGen**
FINDS

CERC-NFRAP:
Site ID: 0903527
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

CERCLIS-NFRAP Site Contact Details:
Contact Sequence ID: 13055257.00000

WEST COAST FLYING SERVICE (Continued) **1000818157**

Person ID: 9271184.00000

Contact Sequence ID: 13285094.00000
Person ID: 13003854.00000

Contact Sequence ID: 13290689.00000
Person ID: 13003858.00000

Contact Sequence ID: 13296547.00000
Person ID: 13004003.00000

Program Priority:
Description: RCRA Deferral Audit

Description: RCRA Deferral - Lead Confirmed

Description: RCRA Deferral - Further Superfund Assessment

CERCLIS-NFRAP Assessment History:
Action: DISCOVERY
Date Started: Not reported
Date Completed: 12/01/1988
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: Not reported
Date Completed: 08/30/1989
Priority Level: Not reported

Action: SITE INSPECTION
Date Started: Not reported
Date Completed: 08/30/1989
Priority Level: Deferred to RCRA (Subtitle C)

Action: RESOURCE CONSERVATION AND RECOVERY ACT FACILITY ASSESSMENT
Date Started: Not reported
Date Completed: 08/30/1989
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: Not reported
Date Completed: 08/30/1989
Priority Level: NFRAP-Site does not qualify for the NPL based on existing information

CORRACTS:

EPA ID: CAD067652156
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 02/12/1996
Action: CA190 - RFI Report Received
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

WEST COAST FLYING SERVICE (Continued) **1000818157**

EPA ID: CAD067652156
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 04/15/1996
Action: CA999 - Corrective Action Process Terminated
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD067652156
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 05/27/1989
Action: CA050RF - RFA Completed, Assessment was an RFA
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD067652156
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 05/27/1989
Action: CA050 - RFA Completed
NAICS Code(s): Not reported
Original schedule date: 05/27/1989
Schedule end date: Not reported

EPA ID: CAD067652156
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 05/27/1989
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): Not reported
Original schedule date: 05/27/1989
Schedule end date: Not reported

EPA ID: CAD067652156
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 06/06/1995
Action: CA210 - CA Responsibility Referred To A Non-RCRA Federal Authority
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD067652156
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 08/30/1989
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD067652156
EPA Region: 09

WEST COAST FLYING SERVICE (Continued) **1000818157**

Area Name: ENTIRE FACILITY
Actual Date: 10/16/1994
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations
NAICS Code(s): Not reported
Original schedule date: 10/16/1994
Schedule end date: Not reported

EPA ID: CAD067652156
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 10/16/1994
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: CAD067652156
EPA Region: 09
Area Name: ENTIRE FACILITY
Actual Date: 10/16/1994
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

RCRA-NonGen:
Date form received by agency: 07/01/1993
Facility name: WEST COAST FLYING SVC INC
Facility address: 13-400 WEST FOURTEENTH AVE
BLYTHE, CA 92225
EPA ID: CAD067652156
Mailing address: 13 FOURTH HUNDRED FOURTEENTH A
BLYTHE, CA 92225
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Land type: Private
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:
Owner/operator name: NONNOTIF
Owner/operator address: NONNOTIF
NONNOTIF, CA 92225
Owner/operator country: Not reported

WEST COAST FLYING SERVICE (Continued) **1000818157**

Owner/operator telephone: (415) 555-1212
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 08/03/1992
Facility name: WEST COAST FLYING SVC INC
Classification: Not a generator, verified

Corrective Action Summary:
Event date: 05/27/1989
Event: RFA Completed, Assessment was an RFA.

Event date: 08/30/1989
Event: CA049PA

Event date: 08/30/1989
Event: CA074ME

Event date: 08/30/1989
Event: CA029WQ

Event date: 08/30/1989
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 08/30/1989
Event: CA049SI

Event date: 10/16/1994
Event: Stabilization Measures Evaluation,This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.

Event date: 10/16/1994
Event: CA Prioritization, Facility or area was assigned a medium corrective

WEST COAST FLYING SERVICE (Continued) **1000818157**

action priority.

Event date: 06/06/1995
Event: CA Responsibility Referred To A Non-RCRA Federal Authority

Event date: 02/12/1996
Event: RFI Report Received

Event date: 04/15/1996
Event: Corrective Action Process Terminated

Event date: Not reported
Event: CA03192

Facility Has Received Notices of Violations:

Regulation violated: FR - 262.50-60
Area of violation: Generators - General
Date violation determined: 01/24/1995
Date achieved compliance: 06/06/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/24/1995
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60
Area of violation: Generators - General
Date violation determined: 05/31/1994
Date achieved compliance: 06/06/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/31/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.90-94.F
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 05/31/1994
Date achieved compliance: 06/06/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/31/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

WEST COAST FLYING SERVICE (Continued) **1000818157**

Regulation violated: F - 264.220-230.K
Area of violation: TSD - General
Date violation determined: 05/31/1994
Date achieved compliance: 06/06/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/31/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 05/31/1994
Date achieved compliance: 06/06/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/31/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.220-230.K
Area of violation: TSD - General
Date violation determined: 05/24/1994
Date achieved compliance: 06/06/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/31/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 264.90-94.F
Area of violation: TSD IS-Ground-Water Monitoring
Date violation determined: 05/24/1994
Date achieved compliance: 06/06/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/31/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 262.50-60

WEST COAST FLYING SERVICE (Continued) **1000818157**

Area of violation: Generators - General
Date violation determined: 05/24/1994
Date achieved compliance: 06/06/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/31/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: F - 270
Area of violation: TSD - General
Date violation determined: 05/24/1994
Date achieved compliance: 06/06/1995
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/31/1994
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/21/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/24/1995
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/06/1995
Evaluation lead agency: State

Evaluation date: 05/17/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 06/06/1995
Evaluation lead agency: State

Evaluation date: 05/17/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Ground-Water Monitoring
Date achieved compliance: 06/06/1995
Evaluation lead agency: State

Evaluation date: 05/17/1994
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD - General
Date achieved compliance: 06/06/1995
Evaluation lead agency: State

WEST COAST FLYING SERVICE (Continued) **1000818157**

FINDS:

Registry ID: 110000609725

Environmental Interest/Information System
RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

Count: 35 records

ORPHAN SUMMARY

City	EDR ID	Site Name	Site Address	Zip	Database(s)
BLYTHE	S105022791	SO CAL EDISON - BLYTHE SE	505 14TH	92225	HIST CORTESE
BLYTHE	U003949014	PALO VERDE IRRIGATION DISTRICT	180 W 14TH AVE	92225	SWEEPS UST
BLYTHE	S104156503	WEST COAST-CLAYTON HELI.88-098	13400 14TH AVE	92225	WMUDS/SWAT
BLYTHE	U001573653	MOBIL OIL	9021 HWY 60	92225	HIST UST
BLYTHE	U001573643	J. M. DE FOREST INC.	12300 HWY 60 W.	92225	HIST UST
BLYTHE	S101590339	J M DEFOREST INC	12300 HIGHWAY 60 W	92225	CA FID UST, SWEEPS UST
BLYTHE	1009394143	WATER WHEEL RESORT	20900 HWY 95 CHR 20	92225	INDIAN LUST
BLYTHE	1009393172	LOST LAKE RESORT	42500 HWY 95	92225	INDIAN UST
BLYTHE	1011843698	LOST LAKE RESORT	42500 HWY 95	92225	INDIAN LUST
BLYTHE	S109821522	BLYTHE AIRPORT DUMPSITE	ADJACENT TO EAST SIDE OF RUNWA		SWF/LF
BLYTHE	1009393129	WATER WHEEL RESORT	CHR 20 - 20900, HWY 95	92225	INDIAN UST
BLYTHE	S107735973	BURFORD BYPASS TRUST PROPERTY (A.K.A. EASTERN GATEWAY RETAIL	SW CORNER OF HOBSONWAY E & INTAKE BLVD	92225	VCP, ENVIROSTOR
BLYTHE	1009393171	TWIN PALMS RESORT	HCR 20, BOX 1600 18 1/2 MILE N. CA HWY 95	92225	INDIAN UST
BLYTHE	U001573662	S&R OIL COMPANY-BULK PLANT	9265 E. HIGHWAY 60	92225	HIST UST
BLYTHE	S101590287	S & R OIL COMPANY-BULK PLANT	9265 E HIGHWAY 60	92225	CA FID UST, SWEEPS UST
BLYTHE	U001573655	PALO VERDE EQUIPMENT CO	11390 WEST HIGHWAY 60	92225	HIST UST
BLYTHE	S109548312	FARMERS AERIAL SVC	17500 W HOBSON WAY	92225	ENVIROSTOR
BLYTHE	S105022814	JOY IVERSON HARTWICK TRU	120 HOBSONWAY	92225	HIST CORTESE
BLYTHE	U004151241	QUIK CHEK WEST- LARRY'S QUIK CHEK	3504 W HOBSONWAY	92225	UST
BLYTHE	1009393126	AHA QUIN RESORT	HRC 20, HWY 95 P.O. BOX 2400	92225	INDIAN UST
BLYTHE	U001573648	LOST LAKE RESORT	LOST LAKE (31 MI. N. OF BLYTHE	92225	HIST UST
BLYTHE	U001573617	BLYTHE UNION 76 AUTO/TRUCK STO	MESA DRIVE	92225	HIST UST
BLYTHE	U001573611	BLYTHE MUNICIPAL GOLF COURSE	NORTH MESA	92225	HIST UST
BLYTHE	S103619821	RIVERSIDE COUNTY WASTE MANAGEMENT DEPT	1000 MIDLAND RD	92225	SWF/LF, NPDES, WDS, HAZNET, FINANCIAL ASSURANCE
BLYTHE	1003878669	RIVERSIDE CO DUMP	1000 MIDLAND RD	92225	CERC-NFRAP
BLYTHE	1014387846	BLYTHE SOLAR POWER PROJECT	8 MILES W OF BLYTHE	92225	RCRA-SQG
BLYTHE	1005441389	SHEPWELLS CORPORATION	7 MI N OF BLYTHE	92225	RCRA-SQG, FINDS, HAZNET
BLYTHE	A100109560	PRATT APIARIES	13510 RIVERSIDE AVE.	92225	AST
DESERT CENTER	S104816282	CALTRANS DESERT CENTER	129476 HWY 60	92239	LUST
DESERT CENTER	S103341820	DESERT CENTER SANITARY 98-002	17991 KAISER RD	92239	SWF/LF, WMUDS/SWAT, WDS, Cortese, LDS, ENF, FINANCIAL ASSURANCE
DESERT CENTER	1000111574	EAGLE MOUNTAIN PUMPING PLANT	10 MI N OF DESERT CENTER 4 S	92239	RCRA-SQG, FINDS
DESERT CENTER	1003879899	KAISER EAGLE MOUNTAIN	N OF HWY 10 8M OFF KAISER RD.	92239	CERC-NFRAP
RIPLEY	1000886229	TOHSHIN TRADING INC	34100 HWY 78 PMP	92225	RCRA-SQG, FINDS
RIVERSIDE COUNTY	M300003149	ROBERT R. FORD TRUCKING, INC.	PACIFIC CLAY / FORD PIT		MINES
RIVERSIDE COUNTY	M300002452	PACIFIC CLAY PRODS CO	RIVERSIDE COUNTY PITS (5 OPERATIONS)		MINES

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

FEDERAL RECORDS

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 05/08/2012
Date Data Arrived at EDR: 05/10/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 5

Source: EPA
Telephone: N/A
Last EDR Contact: 07/05/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 03/30/2012
Date Data Arrived at EDR: 04/05/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 07/05/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 03/30/2012
Date Data Arrived at EDR: 04/05/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 40

Source: EPA
Telephone: N/A
Last EDR Contact: 07/05/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991
Date Data Arrived at EDR: 02/02/1994
Date Made Active in Reports: 03/30/1994
Number of Days to Update: 56

Source: EPA
Telephone: 202-564-4267
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 12/27/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 07/05/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Quarterly

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 12/28/2011
Date Data Arrived at EDR: 02/27/2012
Date Made Active in Reports: 03/12/2012
Number of Days to Update: 14

Source: EPA
Telephone: 703-412-9810
Last EDR Contact: 07/05/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Quarterly

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/16/2012
Date Data Arrived at EDR: 03/26/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 80

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 07/27/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

Date of Government Version: 08/19/2011
Date Data Arrived at EDR: 08/31/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 132

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

RCRA-NonGen: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 03/15/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: Environmental Protection Agency
Telephone: (415) 495-8895
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 12/30/2011
Date Data Arrived at EDR: 12/30/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 11

Source: Environmental Protection Agency
Telephone: 703-603-0695
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Varies

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: National Response Center, United States Coast Guard
Telephone: 202-267-2180
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Annually

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 04/01/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 72

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Annually

DOT OPS: Incident and Accident Data

Department of Transporation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/29/2011
Date Data Arrived at EDR: 08/09/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 94

Source: Department of Transporation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 03/16/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 34

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 06/04/2012
Next Scheduled EDR Contact: 09/17/2012
Data Release Frequency: Quarterly

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/27/2011
Date Data Arrived at EDR: 06/27/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 78

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 06/25/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Semi-Annually

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 08/12/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 112

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 12/09/2005
Date Data Arrived at EDR: 12/11/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 31

Source: Department of the Navy
Telephone: 843-820-7326
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 01/25/2012
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 36

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 02/27/2012
Date Data Arrived at EDR: 03/14/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 92

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 06/13/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 05/29/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Varies

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: No Update Planned

MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 09/08/2011
Date Made Active in Reports: 09/29/2011
Number of Days to Update: 21

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 06/05/2012
Next Scheduled EDR Contact: 09/17/2012
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 09/01/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 131

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 05/29/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 05/23/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Quarterly

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA
Telephone: 202-566-1667
Last EDR Contact: 05/23/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2007
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006
Date Data Arrived at EDR: 03/01/2007
Date Made Active in Reports: 04/10/2007
Number of Days to Update: 40

Source: Environmental Protection Agency
Telephone: 202-564-2501
Last EDR Contact: 12/17/2008
Next Scheduled EDR Contact: 03/17/2008
Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 07/27/2012
Number of Days to Update: 77	Next Scheduled EDR Contact: 11/12/2012
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 06/21/2012
Number of Days to Update: 61	Next Scheduled EDR Contact: 10/08/2012
	Data Release Frequency: Quarterly

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 11/01/2010	Source: EPA
Date Data Arrived at EDR: 11/10/2010	Telephone: 202-566-0500
Date Made Active in Reports: 02/16/2011	Last EDR Contact: 07/19/2012
Number of Days to Update: 98	Next Scheduled EDR Contact: 10/29/2012
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 06/21/2011	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 07/15/2011	Telephone: 301-415-7169
Date Made Active in Reports: 09/13/2011	Last EDR Contact: 06/11/2012
Number of Days to Update: 60	Next Scheduled EDR Contact: 09/24/2012
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 01/10/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/12/2012	Telephone: 202-343-9775
Date Made Active in Reports: 03/01/2012	Last EDR Contact: 07/11/2012
Number of Days to Update: 49	Next Scheduled EDR Contact: 10/22/2012
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 10/23/2011
Date Data Arrived at EDR: 12/13/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 79

Source: EPA
Telephone: (415) 947-8000
Last EDR Contact: 06/12/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995
Date Data Arrived at EDR: 07/03/1995
Date Made Active in Reports: 08/07/1995
Number of Days to Update: 35

Source: EPA
Telephone: 202-564-4104
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2009
Date Data Arrived at EDR: 03/01/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 62

Source: EPA/NTIS
Telephone: 800-424-9346
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Biennially

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010
Date Data Arrived at EDR: 02/16/2010
Date Made Active in Reports: 04/12/2010
Number of Days to Update: 55

Source: FEMA
Telephone: 202-646-5797
Last EDR Contact: 07/12/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Varies

COAL ASH DOE: Sleam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 08/07/2009
Date Made Active in Reports: 10/22/2009
Number of Days to Update: 76

Source: Department of Energy
Telephone: 202-586-8719
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Varies

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 7

Source: Environmental Protection Agency
Telephone: 703-308-4044
Last EDR Contact: 05/18/2012
Next Scheduled EDR Contact: 08/27/2012
Data Release Frequency: Varies

PRP: Potentially Responsible Parties
A listing of verified Potentially Responsible Parties

Date of Government Version: 02/27/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 41

Source: EPA
Telephone: 202-564-6023
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

EPA WATCH LIST: EPA WATCH LIST
EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 03/31/2012
Date Data Arrived at EDR: 05/17/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 28

Source: Environmental Protection Agency
Telephone: 617-520-3000
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

US FIN ASSUR: Financial Assurance Information
All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 05/24/2012
Date Data Arrived at EDR: 06/05/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 9

Source: Environmental Protection Agency
Telephone: 202-566-1917
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing
A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 12/10/2010
Date Data Arrived at EDR: 01/11/2011
Date Made Active in Reports: 02/16/2011
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 703-603-8704
Last EDR Contact: 07/13/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Varies

PCB TRANSFORMER: PCB Transformer Registration Database
The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011
Date Data Arrived at EDR: 10/19/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 83

Source: Environmental Protection Agency
Telephone: 202-566-0517
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register
A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011
Date Data Arrived at EDR: 03/09/2011
Date Made Active in Reports: 05/02/2011
Number of Days to Update: 54

Source: Environmental Protection Agency
Telephone: 615-532-8599
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Varies

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010
Date Data Arrived at EDR: 01/03/2011
Date Made Active in Reports: 03/21/2011
Number of Days to Update: 77

Source: Environmental Protection Agency
Telephone: N/A
Last EDR Contact: 06/12/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Varies

STATE AND LOCAL RECORDS

HIST CAL-SITES: Calsites Database

The Calsites database contains potential or confirmed hazardous substance release properties. In 1996, California EPA reevaluated and significantly reduced the number of sites in the Calsites database. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

Date of Government Version: 08/08/2005
Date Data Arrived at EDR: 08/03/2006
Date Made Active in Reports: 08/24/2006
Number of Days to Update: 21

Source: Department of Toxic Substance Control
Telephone: 916-323-3400
Last EDR Contact: 02/23/2009
Next Scheduled EDR Contact: 05/25/2009
Data Release Frequency: No Update Planned

CA BOND EXP. PLAN: Bond Expenditure Plan

Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

Date of Government Version: 01/01/1989
Date Data Arrived at EDR: 07/27/1994
Date Made Active in Reports: 08/02/1994
Number of Days to Update: 6

Source: Department of Health Services
Telephone: 916-255-2118
Last EDR Contact: 05/31/1994
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SCH: School Property Evaluation Program

This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category depending on the level of threat to public health and safety or the environment they pose.

Date of Government Version: 06/13/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

TOXIC PITS: Toxic Pits Cleanup Act Sites

Toxic PITS Cleanup Act Sites. TOXIC PITS identifies sites suspected of containing hazardous substances where cleanup has not yet been completed.

Date of Government Version: 07/01/1995
Date Data Arrived at EDR: 08/30/1995
Date Made Active in Reports: 09/26/1995
Number of Days to Update: 27

Source: State Water Resources Control Board
Telephone: 916-227-4364
Last EDR Contact: 01/26/2009
Next Scheduled EDR Contact: 04/27/2009
Data Release Frequency: No Update Planned

SWF/LF (SWIS): Solid Waste Information System

Active, Closed and Inactive Landfills. SWF/LF records typically contain an inve ntory of solid waste disposal facilities or landfills. These may be active or i nactive facilities or open dumps that failed to meet RCRA Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 05/21/2012
Date Data Arrived at EDR: 05/22/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 30

Source: Department of Resources Recycling and Recovery
Telephone: 916-341-6320
Last EDR Contact: 05/22/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Quarterly

WMUDS/SWAT: Waste Management Unit Database

Waste Management Unit Database System. WMUDS is used by the State Water Resources Control Board staff and the Regional Water Quality Control Boards for program tracking and inventory of waste management units. WMUDS is composed of the following databases: Facility Information, Scheduled Inspections Information, Waste Management Unit Information, SWAT Program Information, SWAT Report Summary Information, SWAT Report Summary Data, Chapter 15 (formerly Subchapter 15) Information, Chapter 15 Monitoring Parameters, TPCA Program Information, RCRA Program Information, Closure Information, and Interested Parties Information.

Date of Government Version: 04/01/2000
Date Data Arrived at EDR: 04/10/2000
Date Made Active in Reports: 05/10/2000
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-227-4448
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: No Update Planned

UIC: UIC Listing

A listing of underground control injection wells.

Date of Government Version: 12/09/2011
Date Data Arrived at EDR: 02/29/2012
Date Made Active in Reports: 04/04/2012
Number of Days to Update: 35

Source: Deaprtment of Conservation
Telephone: 916-445-2408
Last EDR Contact: 07/24/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Varies

NPDES: NPDES Permits Listing

A listing of NPDES permits, including stormwater.

Date of Government Version: 05/21/2012
Date Data Arrived at EDR: 05/22/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 30

Source: State Water Resources Control Board
Telephone: 916-445-9379
Last EDR Contact: 05/22/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Quarterly

WDS: Waste Discharge System

Sites which have been issued waste discharge requirements.

Date of Government Version: 06/19/2007
Date Data Arrived at EDR: 06/20/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 9

Source: State Water Resources Control Board
Telephone: 916-341-5227
Last EDR Contact: 05/23/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Quarterly

CORTESE: "Cortese" Hazardous Waste & Substances Sites List
The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

Date of Government Version: 04/02/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 06/11/2012
Number of Days to Update: 69

Source: CAL EPA/Office of Emergency Information
Telephone: 916-323-3400
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

HIST CORTESE: Hazardous Waste & Substance Site List
The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSITES]. This listing is no longer updated by the state agency.

Date of Government Version: 04/01/2001
Date Data Arrived at EDR: 01/22/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 76

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 01/22/2009
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SWRCY: Recycler Database
A listing of recycling facilities in California.

Date of Government Version: 06/11/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/14/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Quarterly

LUST: Geotracker's Leaking Underground Fuel Tank Report
Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. For more information on a particular leaking underground storage tank sites, please contact the appropriate regulatory agency.

Date of Government Version: 06/14/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 7

Source: State Water Resources Control Board
Telephone: see region list
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Quarterly

LUST REG 6L: Leaking Underground Storage Tank Case Listing
For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/09/2003
Date Data Arrived at EDR: 09/10/2003
Date Made Active in Reports: 10/07/2003
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Lahontan Region (6)
Telephone: 530-542-5572
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 9: Leaking Underground Storage Tank Report
Orange, Riverside, San Diego counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 03/01/2001
Date Data Arrived at EDR: 04/23/2001
Date Made Active in Reports: 05/21/2001
Number of Days to Update: 28

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-637-5595
Last EDR Contact: 09/26/2011
Next Scheduled EDR Contact: 01/09/2012
Data Release Frequency: No Update Planned

LUST REG 8: Leaking Underground Storage Tanks
California Regional Water Quality Control Board Santa Ana Region (8). For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/14/2005
Date Data Arrived at EDR: 02/15/2005
Date Made Active in Reports: 03/28/2005
Number of Days to Update: 41

Source: California Regional Water Quality Control Board Santa Ana Region (8)
Telephone: 909-782-4496
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Varies

LUST REG 5: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Alameda, Alpine, Amador, Butte, Colusa, Contra Costa, Calveras, El Dorado, Fresno, Glenn, Kern, Kings, Lake, Lassen, Madera, Mariposa, Merced, Modoc, Napa, Nevada, Placer, Plumas, Sacramento, San Joaquin, Shasta, Solano, Stanislaus, Sutter, Tehama, Tulare, Tuolumne, Yolo, Yuba counties.

Date of Government Version: 07/01/2008
Date Data Arrived at EDR: 07/22/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 9

Source: California Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-4834
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Quarterly

LUST REG 1: Active Toxic Site Investigation
Del Norte, Humboldt, Lake, Mendocino, Modoc, Siskiyou, Sonoma, Trinity counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 02/01/2001
Date Data Arrived at EDR: 02/28/2001
Date Made Active in Reports: 03/29/2001
Number of Days to Update: 29

Source: California Regional Water Quality Control Board North Coast (1)
Telephone: 707-570-3769
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 2: Fuel Leak List
Leaking Underground Storage Tank locations. Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano, Sonoma counties.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: California Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-622-2433
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

LUST REG 6V: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Inyo, Kern, Los Angeles, Mono, San Bernardino counties.

Date of Government Version: 06/07/2005
Date Data Arrived at EDR: 06/07/2005
Date Made Active in Reports: 06/29/2005
Number of Days to Update: 22

Source: California Regional Water Quality Control Board Victorville Branch Office (6)
Telephone: 760-241-7365
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: No Update Planned

LUST REG 7: Leaking Underground Storage Tank Case Listing
Leaking Underground Storage Tank locations. Imperial, Riverside, San Diego, Santa Barbara counties.

Date of Government Version: 02/26/2004
Date Data Arrived at EDR: 02/26/2004
Date Made Active in Reports: 03/24/2004
Number of Days to Update: 27

Source: California Regional Water Quality Control Board Colorado River Basin Region (7)
Telephone: 760-776-8943
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

LUST REG 3: Leaking Underground Storage Tank Database
Leaking Underground Storage Tank locations. Monterey, San Benito, San Luis Obispo, Santa Barbara, Santa Cruz counties.

Date of Government Version: 05/19/2003
Date Data Arrived at EDR: 05/19/2003
Date Made Active in Reports: 06/02/2003
Number of Days to Update: 14

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-542-4786
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: No Update Planned

LUST REG 4: Underground Storage Tank Leak List
Los Angeles, Ventura counties. For more current information, please refer to the State Water Resources Control Board's LUST database.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6710
Last EDR Contact: 09/06/2011
Next Scheduled EDR Contact: 12/19/2011
Data Release Frequency: No Update Planned

CA FID UST: Facility Inventory Database
The Facility Inventory Database (FID) contains a historical listing of active and inactive underground storage tank locations from the State Water Resource Control Board. Refer to local/county source for current data.

Date of Government Version: 10/31/1994
Date Data Arrived at EDR: 09/05/1995
Date Made Active in Reports: 09/29/1995
Number of Days to Update: 24

Source: California Environmental Protection Agency
Telephone: 916-341-5851
Last EDR Contact: 12/28/1998
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SLIC: Statewide SLIC Cases
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 06/14/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 7

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Varies

SLIC REG 1: Active Toxic Site Investigations
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2003
Date Data Arrived at EDR: 04/07/2003
Date Made Active in Reports: 04/25/2003
Number of Days to Update: 18

Source: California Regional Water Quality Control Board, North Coast Region (1)
Telephone: 707-576-2220
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 2: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/30/2004
Date Data Arrived at EDR: 10/20/2004
Date Made Active in Reports: 11/19/2004
Number of Days to Update: 30

Source: Regional Water Quality Control Board San Francisco Bay Region (2)
Telephone: 510-286-0457
Last EDR Contact: 09/19/2011
Next Scheduled EDR Contact: 01/02/2012
Data Release Frequency: Quarterly

SLIC REG 3: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/18/2006
Date Data Arrived at EDR: 05/18/2006
Date Made Active in Reports: 06/15/2006
Number of Days to Update: 28

Source: California Regional Water Quality Control Board Central Coast Region (3)
Telephone: 805-549-3147
Last EDR Contact: 07/18/2011
Next Scheduled EDR Contact: 10/31/2011
Data Release Frequency: Semi-Annually

SLIC REG 4: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/17/2004
Date Data Arrived at EDR: 11/18/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 47

Source: Region Water Quality Control Board Los Angeles Region (4)
Telephone: 213-576-6600
Last EDR Contact: 07/01/2011
Next Scheduled EDR Contact: 10/17/2011
Data Release Frequency: Varies

SLIC REG 5: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/01/2005
Date Data Arrived at EDR: 04/05/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 16

Source: Regional Water Quality Control Board Central Valley Region (5)
Telephone: 916-464-3291
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 6V: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 05/24/2005
Date Data Arrived at EDR: 05/25/2005
Date Made Active in Reports: 06/16/2005
Number of Days to Update: 22

Source: Regional Water Quality Control Board, Victorville Branch
Telephone: 619-241-6583
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: Semi-Annually

SLIC REG 6L: SLIC Sites
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/07/2004
Date Data Arrived at EDR: 09/07/2004
Date Made Active in Reports: 10/12/2004
Number of Days to Update: 35

Source: California Regional Water Quality Control Board, Lahontan Region
Telephone: 530-542-5574
Last EDR Contact: 08/15/2011
Next Scheduled EDR Contact: 11/28/2011
Data Release Frequency: No Update Planned

SLIC REG 7: SLIC List
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 11/24/2004
Date Data Arrived at EDR: 11/29/2004
Date Made Active in Reports: 01/04/2005
Number of Days to Update: 36

Source: California Regional Quality Control Board, Colorado River Basin Region
Telephone: 760-346-7491
Last EDR Contact: 08/01/2011
Next Scheduled EDR Contact: 11/14/2011
Data Release Frequency: No Update Planned

SLIC REG 8: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 04/03/2008
Date Data Arrived at EDR: 04/03/2008
Date Made Active in Reports: 04/14/2008
Number of Days to Update: 11

Source: California Region Water Quality Control Board Santa Ana Region (8)
Telephone: 951-782-3298
Last EDR Contact: 09/12/2011
Next Scheduled EDR Contact: 12/26/2011
Data Release Frequency: Semi-Annually

SLIC REG 9: Spills, Leaks, Investigation & Cleanup Cost Recovery Listing
The SLIC (Spills, Leaks, Investigations and Cleanup) program is designed to protect and restore water quality from spills, leaks, and similar discharges.

Date of Government Version: 09/10/2007
Date Data Arrived at EDR: 09/11/2007
Date Made Active in Reports: 09/28/2007
Number of Days to Update: 17

Source: California Regional Water Quality Control Board San Diego Region (9)
Telephone: 858-467-2980
Last EDR Contact: 08/08/2011
Next Scheduled EDR Contact: 11/21/2011
Data Release Frequency: Annually

UST: Active UST Facilities
Active UST facilities gathered from the local regulatory agencies

Date of Government Version: 07/19/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/06/2012
Number of Days to Update: 18

Source: SWRCB
Telephone: 916-341-5851
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Semi-Annually

UST MENDOCINO: Mendocino County UST Database
A listing of underground storage tank locations in Mendocino County.

Date of Government Version: 09/23/2009
Date Data Arrived at EDR: 09/23/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 8

Source: Department of Public Health
Telephone: 707-463-4466
Last EDR Contact: 06/04/2012
Next Scheduled EDR Contact: 09/17/2012
Data Release Frequency: Annually

HIST UST: Hazardous Substance Storage Container Database
The Hazardous Substance Storage Container Database is a historical listing of UST sites. Refer to local/county source for current data.

Date of Government Version: 10/15/1990
Date Data Arrived at EDR: 01/25/1991
Date Made Active in Reports: 02/12/1991
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-341-5851
Last EDR Contact: 07/26/2001
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

LIENS: Environmental Liens Listing
A listing of property locations with environmental liens for California where DTSC is a lien holder.

Date of Government Version: 03/12/2012
Date Data Arrived at EDR: 03/13/2012
Date Made Active in Reports: 04/02/2012
Number of Days to Update: 20

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/25/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Varies

SWEEPS UST: SWEEPS UST Listing
Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

Date of Government Version: 06/01/1994
Date Data Arrived at EDR: 07/07/2005
Date Made Active in Reports: 08/11/2005
Number of Days to Update: 35

Source: State Water Resources Control Board
Telephone: N/A
Last EDR Contact: 06/03/2005
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

CHMIRS: California Hazardous Material Incident Report System

California Hazardous Material Incident Reporting System. CHMIRS contains information on reported hazardous material incidents (accidental releases or spills).

Date of Government Version: 03/28/2012
Date Data Arrived at EDR: 05/01/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 24

Source: Office of Emergency Services
Telephone: 916-845-8400
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

LDS: Land Disposal Sites Listing

The Land Disposal program regulates of waste discharge to land for treatment, storage and disposal in waste management units.

Date of Government Version: 06/14/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: State Water Qualilty Control Board
Telephone: 866-480-1028
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Quarterly

MCS: Military Cleanup Sites Listing

The State Water Resources Control Board and nine Regional Water Quality Control Boards partner with the Department of Defense (DoD) through the Defense and State Memorandum of Agreement (DSMOA) to oversee the investigation and remediation of water quality issues at military facilities.

Date of Government Version: 06/14/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: State Water Resources Control Board
Telephone: 866-480-1028
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Quarterly

AST: Aboveground Petroleum Storage Tank Facilities

Registered Aboveground Storage Tanks.

Date of Government Version: 08/01/2009
Date Data Arrived at EDR: 09/10/2009
Date Made Active in Reports: 10/01/2009
Number of Days to Update: 21

Source: State Water Resources Control Board
Telephone: 916-327-5092
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

NOTIFY 65: Proposition 65 Records

Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

Date of Government Version: 10/21/1993
Date Data Arrived at EDR: 11/01/1993
Date Made Active in Reports: 11/19/1993
Number of Days to Update: 18

Source: State Water Resources Control Board
Telephone: 916-445-3846
Last EDR Contact: 06/21/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: No Update Planned

DEED: Deed Restriction Listing

Site Mitigation and Brownfields Reuse Program Facility Sites with Deed Restrictions & Hazardous Waste Management Program Facility Sites with Deed / Land Use Restriction. The DTSC Site Mitigation and Brownfields Reuse Program (SMBRP) list includes sites cleaned up under the program's oversight and generally does not include current or former hazardous waste facilities that required a hazardous waste facility permit. The list represents deed restrictions that are active. Some sites have multiple deed restrictions. The DTSC Hazardous Waste Management Program (HWMP) has developed a list of current or former hazardous waste facilities that have a recorded land use restriction at the local county recorder's office. The land use restrictions on this list were required by the DTSC HWMP as a result of the presence of hazardous substances that remain on site after the facility (or part of the facility) has been closed or cleaned up. The types of land use restriction include deed notice, deed restriction, or a land use restriction that binds current and future owners.

Date of Government Version: 06/11/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 24

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/12/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Semi-Annually

VCP: Voluntary Cleanup Program Properties

Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

Date of Government Version: 06/13/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

DRYCLEANERS: Cleaner Facilities

A list of drycleaner related facilities that have EPA ID numbers. These are facilities with certain SIC codes: power laundries, family and commercial; garment pressing and cleaner's agents; linen supply; coin-operated laundries and cleaning; drycleaning plants, except rugs; carpet and upholster cleaning; industrial launderers; laundry and garment services.

Date of Government Version: 01/19/2012
Date Data Arrived at EDR: 01/19/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 33

Source: Department of Toxic Substance Control
Telephone: 916-327-4498
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Annually

WIP: Well Investigation Program Case List

Well Investigation Program case in the San Gabriel and San Fernando Valley area.

Date of Government Version: 07/03/2009
Date Data Arrived at EDR: 07/21/2009
Date Made Active in Reports: 08/03/2009
Number of Days to Update: 13

Source: Los Angeles Water Quality Control Board
Telephone: 213-576-6726
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

ENF: Enforcement Action Listing

A listing of Water Board Enforcement Actions. Formal is everything except Oral/Verbal Communication, Notice of Violation, Expedited Payment Letter, and Staff Enforcement Letter.

Date of Government Version: 08/15/2011
Date Data Arrived at EDR: 08/23/2011
Date Made Active in Reports: 10/03/2011
Number of Days to Update: 41

Source: State Water Resoruces Control Board
Telephone: 916-445-9379
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

CDL: Clandestine Drug Labs

A listing of drug lab locations. Listing of a location in this database does not indicate that any illegal drug lab materials were or were not present there, and does not constitute a determination that the location either requires or does not require additional cleanup work.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/14/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 7

Source: Department of Toxic Substances Control
Telephone: 916-255-6504
Last EDR Contact: 08/06/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

RESPONSE: State Response Sites

Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

Date of Government Version: 06/13/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

HAZNET: Facility and Manifest Data

Facility and Manifest Data. The data is extracted from the copies of hazardous waste manifests received each year by the DTSC. The annual volume of manifests is typically 700,000 - 1,000,000 annually, representing approximately 350,000 - 500,000 shipments. Data are from the manifests submitted without correction, and therefore many contain some invalid values for data elements such as generator ID, TSD ID, waste category, and disposal method.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 14

Source: California Environmental Protection Agency
Telephone: 916-255-1136
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Annually

EMI: Emissions Inventory Data

Toxics and criteria pollutant emissions data collected by the ARB and local air pollution agencies.

Date of Government Version: 12/31/2008
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 10/18/2010
Number of Days to Update: 19

Source: California Air Resources Board
Telephone: 916-322-2990
Last EDR Contact: 06/29/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Varies

HAULERS: Registered Waste Tire Haulers Listing

A listing of registered waste tire haulers.

Date of Government Version: 05/10/2012
Date Data Arrived at EDR: 05/10/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 15

Source: Integrated Waste Management Board
Telephone: 916-341-6422
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

ENVIROSTOR: EnviroStor Database

The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifes sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

Date of Government Version: 06/13/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Quarterly

PROC: Certified Processors Database
A listing of certified processors.

Date of Government Version: 06/11/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Department of Conservation
Telephone: 916-323-3836
Last EDR Contact: 06/14/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Quarterly

HWP: EnviroStor Permitted Facilities Listing
Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

Date of Government Version: 05/31/2012
Date Data Arrived at EDR: 06/01/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 60

Source: Department of Toxic Substances Control
Telephone: 916-323-3400
Last EDR Contact: 06/01/2012
Next Scheduled EDR Contact: 09/10/2012
Data Release Frequency: Quarterly

FINANCIAL ASSURANCE 2: Financial Assurance Information Listing
A listing of financial assurance information for solid waste facilities. Financial assurance is intended to ensure that resources are available to pay for the cost of closure, post-closure care, and corrective measures if the owner or operator of a regulated facility is unable or unwilling to pay.

Date of Government Version: 05/23/2012
Date Data Arrived at EDR: 05/24/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 43

Source: California Integrated Waste Management Board
Telephone: 916-341-6066
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

FINANCIAL ASSURANCE 1: Financial Assurance Information Listing
Financial Assurance information

Date of Government Version: 03/01/2007
Date Data Arrived at EDR: 06/01/2007
Date Made Active in Reports: 06/29/2007
Number of Days to Update: 28

Source: Department of Toxic Substances Control
Telephone: 916-255-3628
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

HWT: Registered Hazardous Waste Transporter Database
A listing of hazardous waste transporters. In California, unless specifically exempted, it is unlawful for any person to transport hazardous wastes unless the person holds a valid registration issued by DTSC. A hazardous waste transporter registration is valid for one year and is assigned a unique registration number.

Date of Government Version: 04/11/2012
Date Data Arrived at EDR: 04/12/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 26

Source: Department of Toxic Substances Control
Telephone: 916-440-7145
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Quarterly

MWMP: Medical Waste Management Program Listing
The Medical Waste Management Program (MWMP) ensures the proper handling and disposal of medical waste by permitting and inspecting medical waste Offsite Treatment Facilities (PDF) and Transfer Stations (PDF) throughout the state. MWMP also oversees all Medical Waste Transporters.

Date of Government Version: 06/01/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 24

Source: Department of Public Health
Telephone: 916-558-1784
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Varies

TRIBAL RECORDS

INDIAN RESERV: Indian Reservations
This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Semi-Annually

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands
Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Varies

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 05/07/2012
Date Data Arrived at EDR: 05/08/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 63

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land
LUSTs on Indian land in Arizona, California, New Mexico and Nevada

Date of Government Version: 05/25/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land
A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 07/10/2012
Number of Days to Update: 62

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN UST R9: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 11/28/2011
Date Data Arrived at EDR: 11/29/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 42

Source: EPA Region 9
Telephone: 415-972-3368
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN UST R8: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 08/18/2011
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/13/2011
Number of Days to Update: 25

Source: EPA Region 8
Telephone: 303-312-6137
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 05/07/2012
Date Data Arrived at EDR: 05/08/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 69

Source: EPA Region 10
Telephone: 206-553-2857
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

INDIAN UST R4: Underground Storage Tanks on Indian Land
The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 12/14/2011
Date Data Arrived at EDR: 12/15/2011
Date Made Active in Reports: 01/10/2012
Number of Days to Update: 26

Source: EPA Region 4
Telephone: 404-562-9424
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011
Date Data Arrived at EDR: 05/11/2011
Date Made Active in Reports: 06/14/2011
Number of Days to Update: 34

Source: EPA Region 6
Telephone: 214-665-7591
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 02/28/2012
Date Data Arrived at EDR: 02/29/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 76

Source: EPA Region 5
Telephone: 312-886-6136
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 02/17/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 88

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 04/12/2012
Date Data Arrived at EDR: 05/02/2012
Date Made Active in Reports: 07/16/2012
Number of Days to Update: 75

Source: EPA, Region 1
Telephone: 617-918-1313
Last EDR Contact: 08/03/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 02/17/2012
Date Data Arrived at EDR: 04/03/2012
Date Made Active in Reports: 05/15/2012
Number of Days to Update: 42

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 07/02/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Lisitng

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

EDR PROPRIETARY RECORDS

Manufactured Gas Plants: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

COUNTY RECORDS

ALAMEDA COUNTY:

Contaminated Sites

A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

Date of Government Version: 04/03/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Semi-Annually

Underground Tanks

Underground storage tank sites located in Alameda county.

Date of Government Version: 04/03/2012
Date Data Arrived at EDR: 04/04/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 34

Source: Alameda County Environmental Health Services
Telephone: 510-567-6700
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Semi-Annually

CONTRA COSTA COUNTY:

Site List

List includes sites from the underground tank, hazardous waste generator and business plan/2185 programs.

Date of Government Version: 06/13/2012
Date Data Arrived at EDR: 06/14/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 22

Source: Contra Costa Health Services Department
Telephone: 925-646-2286
Last EDR Contact: 08/06/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Semi-Annually

KERN COUNTY:

Underground Storage Tank Sites & Tank Listing
Kern County Sites and Tanks Listing.

Date of Government Version: 08/31/2010
Date Data Arrived at EDR: 09/01/2010
Date Made Active in Reports: 09/30/2010
Number of Days to Update: 29

Source: Kern County Environment Health Services Department
Telephone: 661-862-8700
Last EDR Contact: 06/15/2012
Next Scheduled EDR Contact: 08/27/2012
Data Release Frequency: Quarterly

LOS ANGELES COUNTY:

San Gabriel Valley Areas of Concern
San Gabriel Valley areas where VOC contamination is at or above the MCL as designated by region 9 EPA office.

Date of Government Version: 03/30/2009
Date Data Arrived at EDR: 03/31/2009
Date Made Active in Reports: 10/23/2009
Number of Days to Update: 206

Source: EPA Region 9
Telephone: 415-972-3178
Last EDR Contact: 06/21/2012
Next Scheduled EDR Contact: 10/09/2012
Data Release Frequency: No Update Planned

HMS: Street Number List
Industrial Waste and Underground Storage Tank Sites.

Date of Government Version: 03/29/2012
Date Data Arrived at EDR: 05/29/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 23

Source: Department of Public Works
Telephone: 626-458-3517
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/26/2012
Data Release Frequency: Semi-Annually

List of Solid Waste Facilities
Solid Waste Facilities in Los Angeles County.

Date of Government Version: 04/23/2012
Date Data Arrived at EDR: 04/24/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 31

Source: La County Department of Public Works
Telephone: 818-458-5185
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Varies

City of Los Angeles Landfills
Landfills owned and maintained by the City of Los Angeles.

Date of Government Version: 03/05/2009
Date Data Arrived at EDR: 03/10/2009
Date Made Active in Reports: 04/08/2009
Number of Days to Update: 29

Source: Engineering & Construction Division
Telephone: 213-473-7869
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Varies

Site Mitigation List
Industrial sites that have had some sort of spill or complaint.

Date of Government Version: 12/29/2011
Date Data Arrived at EDR: 02/02/2012
Date Made Active in Reports: 02/21/2012
Number of Days to Update: 19

Source: Community Health Services
Telephone: 323-890-7806
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Annually

City of El Segundo Underground Storage Tank
Underground storage tank sites located in El Segundo city.

Date of Government Version: 04/26/2012
Date Data Arrived at EDR: 05/01/2012
Date Made Active in Reports: 05/24/2012
Number of Days to Update: 23

Source: City of El Segundo Fire Department
Telephone: 310-524-2236
Last EDR Contact: 07/17/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Semi-Annually

City of Long Beach Underground Storage Tank
Underground storage tank sites located in the city of Long Beach.

Date of Government Version: 03/28/2003
Date Data Arrived at EDR: 10/23/2003
Date Made Active in Reports: 11/26/2003
Number of Days to Update: 34

Source: City of Long Beach Fire Department
Telephone: 562-570-2563
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Annually

City of Torrance Underground Storage Tank
Underground storage tank sites located in the city of Torrance.

Date of Government Version: 07/12/2012
Date Data Arrived at EDR: 07/23/2012
Date Made Active in Reports: 08/02/2012
Number of Days to Update: 10

Source: City of Torrance Fire Department
Telephone: 310-618-2973
Last EDR Contact: 07/12/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Semi-Annually

MARIN COUNTY:

Underground Storage Tank Sites
Currently permitted USTs in Marin County.

Date of Government Version: 05/22/2012
Date Data Arrived at EDR: 05/29/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 38

Source: Public Works Department Waste Management
Telephone: 415-499-6647
Last EDR Contact: 07/23/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Semi-Annually

NAPA COUNTY:

Sites With Reported Contamination
A listing of leaking underground storage tank sites located in Napa county.

Date of Government Version: 12/05/2011
Date Data Arrived at EDR: 12/06/2011
Date Made Active in Reports: 02/07/2012
Number of Days to Update: 63

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 06/04/2012
Next Scheduled EDR Contact: 09/17/2012
Data Release Frequency: No Update Planned

Closed and Operating Underground Storage Tank Sites
Underground storage tank sites located in Napa county.

Date of Government Version: 01/15/2008
Date Data Arrived at EDR: 01/16/2008
Date Made Active in Reports: 02/08/2008
Number of Days to Update: 23

Source: Napa County Department of Environmental Management
Telephone: 707-253-4269
Last EDR Contact: 12/05/2012
Next Scheduled EDR Contact: 09/17/2012
Data Release Frequency: No Update Planned

ORANGE COUNTY:

List of Industrial Site Cleanups
Petroleum and non-petroleum spills.

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/17/2012
Date Made Active in Reports: 06/11/2012
Number of Days to Update: 25

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Annually

List of Underground Storage Tank Cleanups
Orange County Underground Storage Tank Cleanups (LUST).

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/18/2012
Date Made Active in Reports: 06/21/2012
Number of Days to Update: 34

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

List of Underground Storage Tank Facilities
Orange County Underground Storage Tank Facilities (UST).

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/17/2012
Date Made Active in Reports: 05/24/2012
Number of Days to Update: 7

Source: Health Care Agency
Telephone: 714-834-3446
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

PLACER COUNTY:

Master List of Facilities
List includes aboveground tanks, underground tanks and cleanup sites.

Date of Government Version: 06/12/2012
Date Data Arrived at EDR: 06/13/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 23

Source: Placer County Health and Human Services
Telephone: 530-889-7312
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Semi-Annually

RIVERSIDE COUNTY:

Listing of Underground Tank Cleanup Sites
Riverside County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 04/23/2012
Date Data Arrived at EDR: 04/24/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 31

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/25/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Quarterly

Underground Storage Tank Tank List
Underground storage tank sites located in Riverside county.

Date of Government Version: 07/18/2012
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/06/2012
Number of Days to Update: 18

Source: Department of Environmental Health
Telephone: 951-358-5055
Last EDR Contact: 06/25/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Quarterly

SACRAMENTO COUNTY:

Toxic Site Clean-Up List

List of sites where unauthorized releases of potentially hazardous materials have occurred.

Date of Government Version: 02/07/2012
Date Data Arrived at EDR: 04/16/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 22

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/13/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

Master Hazardous Materials Facility List

Any business that has hazardous materials on site - hazardous material storage sites, underground storage tanks, waste generators.

Date of Government Version: 02/02/2012
Date Data Arrived at EDR: 04/17/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 21

Source: Sacramento County Environmental Management
Telephone: 916-875-8406
Last EDR Contact: 07/13/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Quarterly

SAN BERNARDINO COUNTY:

Hazardous Material Permits

This listing includes underground storage tanks, medical waste handlers/generators, hazardous materials handlers, hazardous waste generators, and waste oil generators/handlers.

Date of Government Version: 05/30/2012
Date Data Arrived at EDR: 05/31/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 36

Source: San Bernardino County Fire Department Hazardous Materials Division
Telephone: 909-387-3041
Last EDR Contact: 08/13/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

SAN DIEGO COUNTY:

Hazardous Materials Management Division Database

The database includes: HE58 - This report contains the business name, site address, business phone number, establishment 'H' permit number, type of permit, and the business status. HE17 - In addition to providing the same information provided in the HE58 listing, HE17 provides inspection dates, violations received by the establishment, hazardous waste generated, the quantity, method of storage, treatment/disposal of waste and the hauler, and information on underground storage tanks. Unauthorized Release List - Includes a summary of environmental contamination cases in San Diego County (underground tank cases, non-tank cases, groundwater contamination, and soil contamination are included.)

Date of Government Version: 09/09/2010
Date Data Arrived at EDR: 09/15/2010
Date Made Active in Reports: 09/29/2010
Number of Days to Update: 14

Source: Hazardous Materials Management Division
Telephone: 619-338-2268
Last EDR Contact: 06/15/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Quarterly

Solid Waste Facilities

San Diego County Solid Waste Facilities.

Date of Government Version: 10/31/2011
Date Data Arrived at EDR: 11/04/2011
Date Made Active in Reports: 12/13/2011
Number of Days to Update: 39

Source: Department of Health Services
Telephone: 619-338-2209
Last EDR Contact: 07/26/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Varies

Environmental Case Listing

The listing contains all underground tank release cases and projects pertaining to properties contaminated with hazardous substances that are actively under review by the Site Assessment and Mitigation Program.

Date of Government Version: 03/23/2010
Date Data Arrived at EDR: 06/15/2010
Date Made Active in Reports: 07/09/2010
Number of Days to Update: 24

Source: San Diego County Department of Environmental Health
Telephone: 619-338-2371
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: No Update Planned

SAN FRANCISCO COUNTY:

Local Oversite Facilities

A listing of leaking underground storage tank sites located in San Francisco county.

Date of Government Version: 09/19/2008
Date Data Arrived at EDR: 09/19/2008
Date Made Active in Reports: 09/29/2008
Number of Days to Update: 10

Source: Department Of Public Health San Francisco County
Telephone: 415-252-3920
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

Underground Storage Tank Information

Underground storage tank sites located in San Francisco county.

Date of Government Version: 11/29/2010
Date Data Arrived at EDR: 03/10/2011
Date Made Active in Reports: 03/15/2011
Number of Days to Update: 5

Source: Department of Public Health
Telephone: 415-252-3920
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Quarterly

SAN JOAQUIN COUNTY:

San Joaquin Co. UST

A listing of underground storage tank locations in San Joaquin county.

Date of Government Version: 06/25/2012
Date Data Arrived at EDR: 06/27/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 34

Source: Environmental Health Department
Telephone: N/A
Last EDR Contact: 06/21/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Semi-Annually

SAN MATEO COUNTY:

Business Inventory

List includes Hazardous Materials Business Plan, hazardous waste generators, and underground storage tanks.

Date of Government Version: 04/09/2012
Date Data Arrived at EDR: 04/09/2012
Date Made Active in Reports: 05/08/2012
Number of Days to Update: 29

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/17/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Annually

Fuel Leak List

A listing of leaking underground storage tank sites located in San Mateo county.

Date of Government Version: 06/19/2012
Date Data Arrived at EDR: 06/20/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 16

Source: San Mateo County Environmental Health Services Division
Telephone: 650-363-1921
Last EDR Contact: 06/18/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Semi-Annually

SANTA CLARA COUNTY:

HIST LUST - Fuel Leak Site Activity Report

A listing of open and closed leaking underground storage tanks. This listing is no longer updated by the county. Leaking underground storage tanks are now handled by the Department of Environmental Health.

Date of Government Version: 03/29/2005
Date Data Arrived at EDR: 03/30/2005
Date Made Active in Reports: 04/21/2005
Number of Days to Update: 22

Source: Santa Clara Valley Water District
Telephone: 408-265-2600
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

LOP Listing

A listing of leaking underground storage tanks located in Santa Clara county.

Date of Government Version: 06/04/2012
Date Data Arrived at EDR: 06/08/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 28

Source: Department of Environmental Health
Telephone: 408-918-3417
Last EDR Contact: 06/04/2012
Next Scheduled EDR Contact: 09/17/2012
Data Release Frequency: Annually

Hazardous Material Facilities

Hazardous material facilities, including underground storage tank sites.

Date of Government Version: 05/15/2012
Date Data Arrived at EDR: 05/15/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 10

Source: City of San Jose Fire Department
Telephone: 408-535-7694
Last EDR Contact: 08/07/2012
Next Scheduled EDR Contact: 11/26/2012
Data Release Frequency: Annually

SOLANO COUNTY:

Leaking Underground Storage Tanks

A listing of leaking underground storage tank sites located in Solano county.

Date of Government Version: 06/18/2012
Date Data Arrived at EDR: 06/21/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 15

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/15/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Quarterly

Underground Storage Tanks

Underground storage tank sites located in Solano county.

Date of Government Version: 06/18/2012
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 14

Source: Solano County Department of Environmental Management
Telephone: 707-784-6770
Last EDR Contact: 06/15/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Quarterly

SONOMA COUNTY:

Leaking Underground Storage Tank Sites

A listing of leaking underground storage tank sites located in Sonoma county.

Date of Government Version: 03/31/2012
Date Data Arrived at EDR: 06/29/2012
Date Made Active in Reports: 08/09/2012
Number of Days to Update: 41

Source: Department of Health Services
Telephone: 707-565-6565
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/15/2012
Data Release Frequency: Quarterly

SUTTER COUNTY:

Underground Storage Tanks
Underground storage tank sites located in Sutter county.

Date of Government Version: 06/11/2012
Date Data Arrived at EDR: 06/12/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 24

Source: Sutter County Department of Agriculture
Telephone: 530-822-7500
Last EDR Contact: 06/11/2012
Next Scheduled EDR Contact: 09/24/2012
Data Release Frequency: Semi-Annually

VENTURA COUNTY:

Business Plan, Hazardous Waste Producers, and Operating Underground Tanks
The BWT list indicates by site address whether the Environmental Health Division has Business Plan (B), Waste Producer (W), and/or Underground Tank (T) information.

Date of Government Version: 03/30/2012
Date Data Arrived at EDR: 05/25/2012
Date Made Active in Reports: 07/06/2012
Number of Days to Update: 42

Source: Ventura County Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Quarterly

Inventory of Illegal Abandoned and Inactive Sites
Ventura County Inventory of Closed, Illegal Abandoned, and Inactive Sites.

Date of Government Version: 12/01/2011
Date Data Arrived at EDR: 12/01/2011
Date Made Active in Reports: 01/19/2012
Number of Days to Update: 49

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 07/03/2012
Next Scheduled EDR Contact: 10/22/2012
Data Release Frequency: Annually

Listing of Underground Tank Cleanup Sites
Ventura County Underground Storage Tank Cleanup Sites (LUST).

Date of Government Version: 05/29/2008
Date Data Arrived at EDR: 06/24/2008
Date Made Active in Reports: 07/31/2008
Number of Days to Update: 37

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 05/21/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Quarterly

Medical Waste Program List
To protect public health and safety and the environment from potential exposure to disease causing agents, the Environmental Health Division Medical Waste Program regulates the generation, handling, storage, treatment and disposal of medical waste throughout the County.

Date of Government Version: 03/30/2012
Date Data Arrived at EDR: 05/04/2012
Date Made Active in Reports: 05/25/2012
Number of Days to Update: 21

Source: Ventura County Resource Management Agency
Telephone: 805-654-2813
Last EDR Contact: 07/30/2012
Next Scheduled EDR Contact: 11/12/2012
Data Release Frequency: Quarterly

Underground Tank Closed Sites List
Ventura County Operating Underground Storage Tank Sites (UST)/Underground Tank Closed Sites List.

Date of Government Version: 06/27/2012
Date Data Arrived at EDR: 06/29/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 32

Source: Environmental Health Division
Telephone: 805-654-2813
Last EDR Contact: 06/27/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Quarterly

YOLO COUNTY:

Underground Storage Tank Comprehensive Facility Report
Underground storage tank sites located in Yolo county.

Date of Government Version: 06/29/2012
Date Data Arrived at EDR: 07/09/2012
Date Made Active in Reports: 08/02/2012
Number of Days to Update: 24

Source: Yolo County Department of Health
Telephone: 530-666-8646
Last EDR Contact: 06/21/2012
Next Scheduled EDR Contact: 10/08/2012
Data Release Frequency: Annually

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

CT MANIFEST: Hazardous Waste Manifest Data
Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 05/21/2012
Date Data Arrived at EDR: 05/22/2012
Date Made Active in Reports: 05/31/2012
Number of Days to Update: 9

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 05/22/2012
Next Scheduled EDR Contact: 09/03/2012
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 07/20/2011
Date Made Active in Reports: 08/11/2011
Number of Days to Update: 22

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 10/29/2012
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data
Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 05/01/2012
Date Data Arrived at EDR: 05/09/2012
Date Made Active in Reports: 06/14/2012
Number of Days to Update: 36

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 08/09/2012
Next Scheduled EDR Contact: 11/19/2012
Data Release Frequency: Annually

PA MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 04/27/2012
Date Made Active in Reports: 06/05/2012
Number of Days to Update: 39

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 07/19/2012
Next Scheduled EDR Contact: 11/05/2012
Data Release Frequency: Annually

RI MANIFEST: Manifest information
Hazardous waste manifest information

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 06/22/2012
Date Made Active in Reports: 07/31/2012
Number of Days to Update: 39

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 02/27/2012
Next Scheduled EDR Contact: 06/11/2012
Data Release Frequency: Annually

WI MANIFEST: Manifest Information
Hazardous waste manifest information.

Date of Government Version: 12/31/2010
Date Data Arrived at EDR: 08/19/2011
Date Made Active in Reports: 09/15/2011
Number of Days to Update: 27

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 07/16/2012
Next Scheduled EDR Contact: 10/01/2012
Data Release Frequency: Annually

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:
Source: American Hospital Association, Inc.
Telephone: 312-280-5991
The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing
Source: Centers for Medicare & Medicaid Services
Telephone: 410-786-3000
A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes
Source: National Institutes of Health
Telephone: 301-594-6248
Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools
Source: National Center for Education Statistics
Telephone: 202-502-7300
The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Facilities
Source: Department of Social Services
Telephone: 916-657-4041

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

STREET AND ADDRESS INFORMATION

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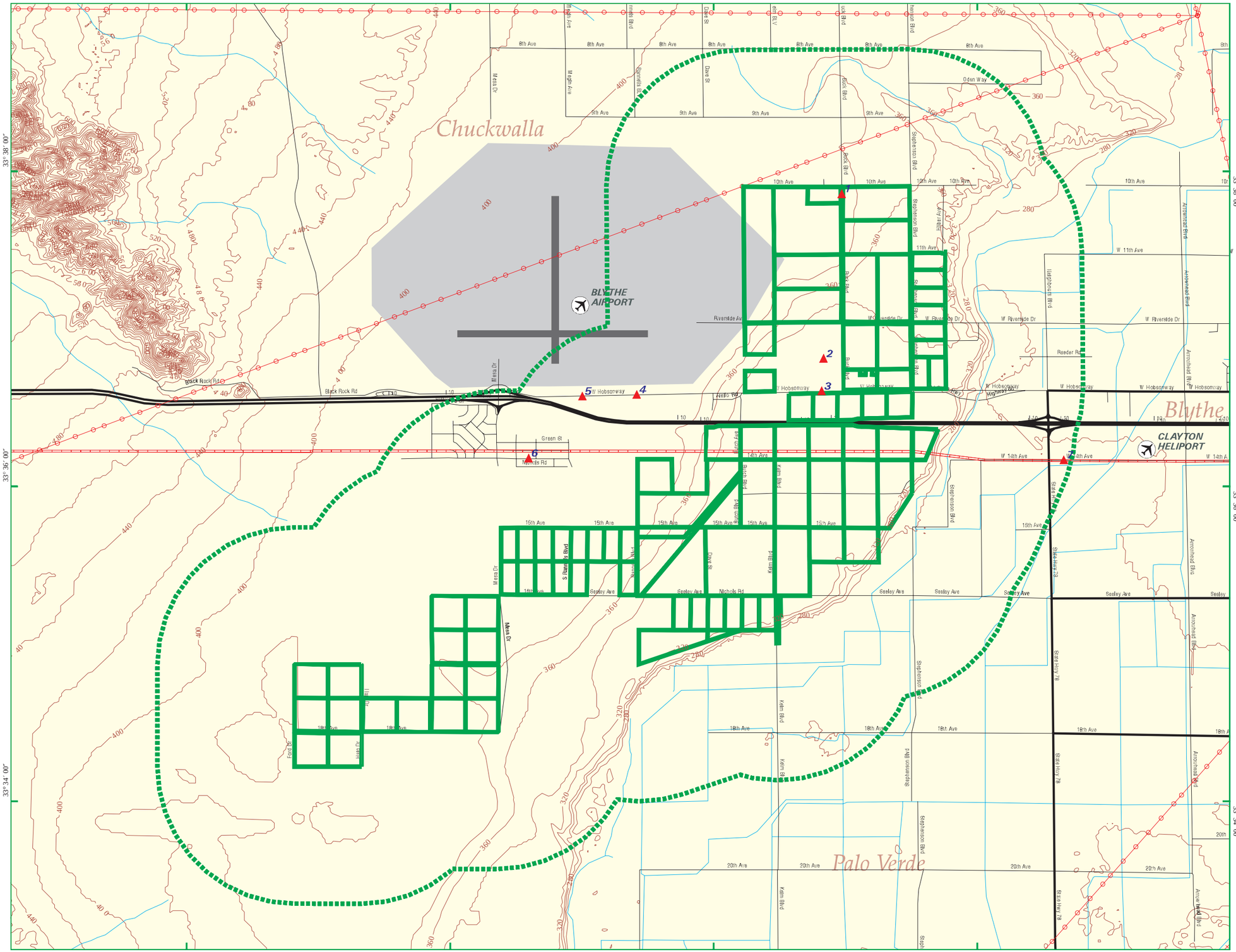
EDR DataMap® Area Study

BM



Listed Sites
Earthquake Epicenters (Richter 5 or greater)
Search Boundary
Roads
Major Roads
Waterways
Railroads
Contour Lines
Pipelines
Powerlines
Fault Lines
Water
Superfund Sites
Federal DOD Sites
Indian Reservations BIA

N

Blythe, CA

0 1/2 1

Scale in Miles

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3386243.1s - 14 Aug 12

Appendix C

Historical Aerials

Path: Z:\Projects\Western Development\Events\20121116_BMSP\MXD\Appendix_Historical_Aerials_Northern_1951.mxd

Legend

Northern Subject Property Parcels

N

0 1,500

Scale: Feet

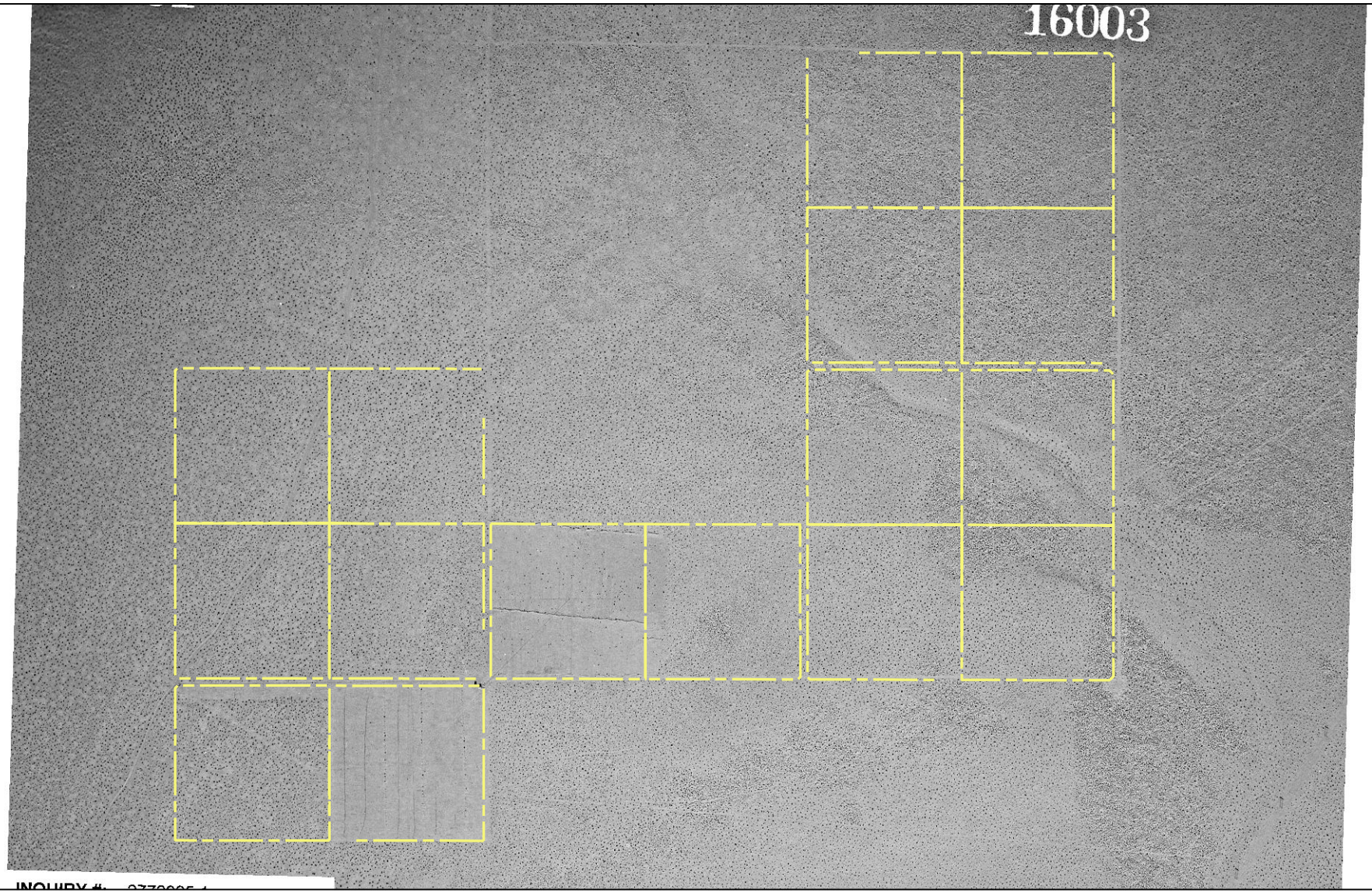
Kennedy/Jenks Consultants

Blythe Mesa Solar Project
Riverside County, California

Historical Aerial 1951
Northern Parcels
(Former Sun World Property)

K/J 1283030*00
November 2012

Appendix C



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Southern Subject Property Parcel

N

0 750 1,500

Scale: Feet

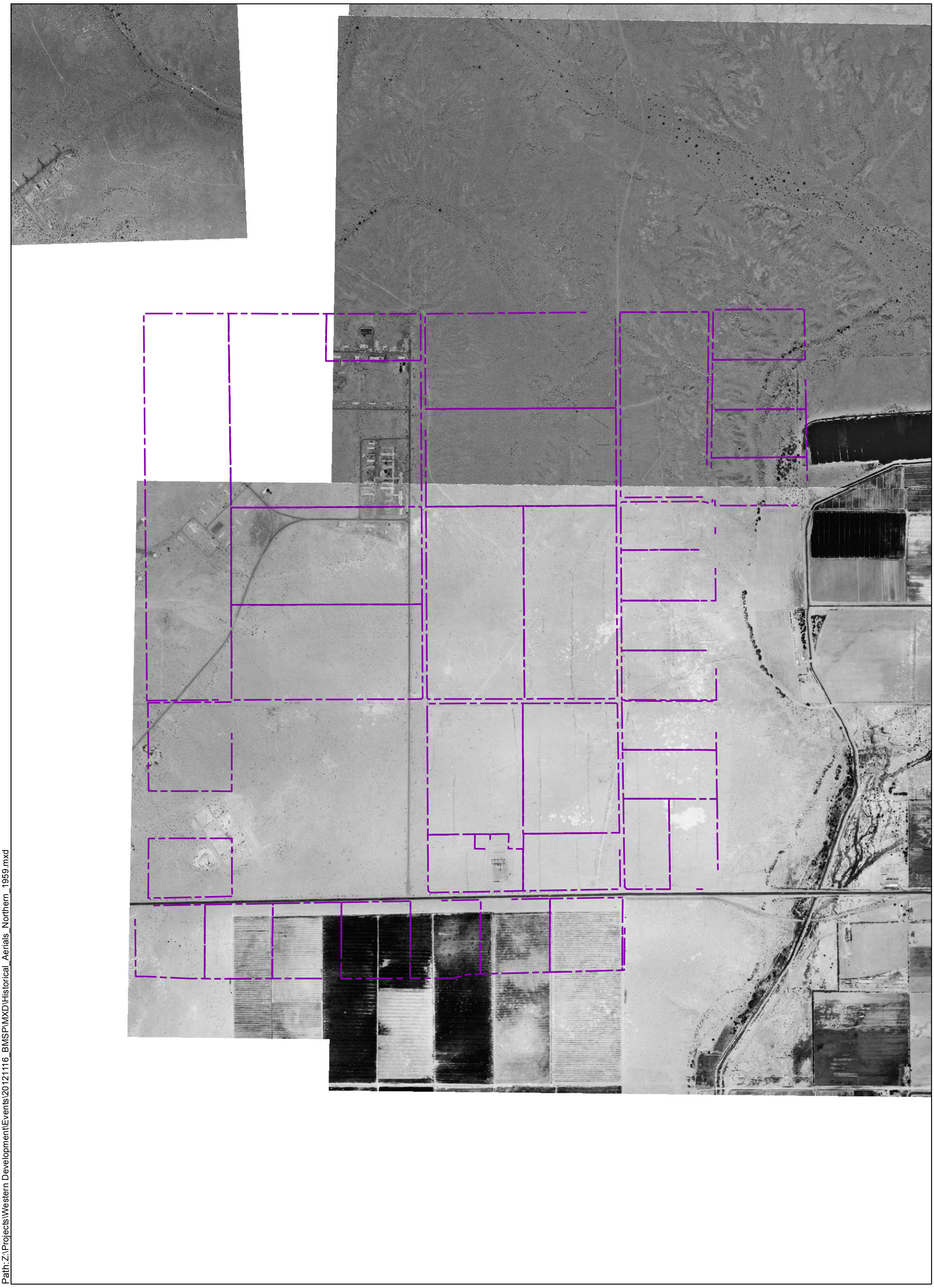
Kennedy/Jenks Consultants

Blythe Mesa Solar Project
Riverside County, California

Historical Aerial 1951
Southern Parcels
(Former Sun World Property)

K/J 1283030*00
November 2012

Appendix C



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Northern Subject Property Parcel

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Scale: Feet

Kennedy/Jenks Consultants

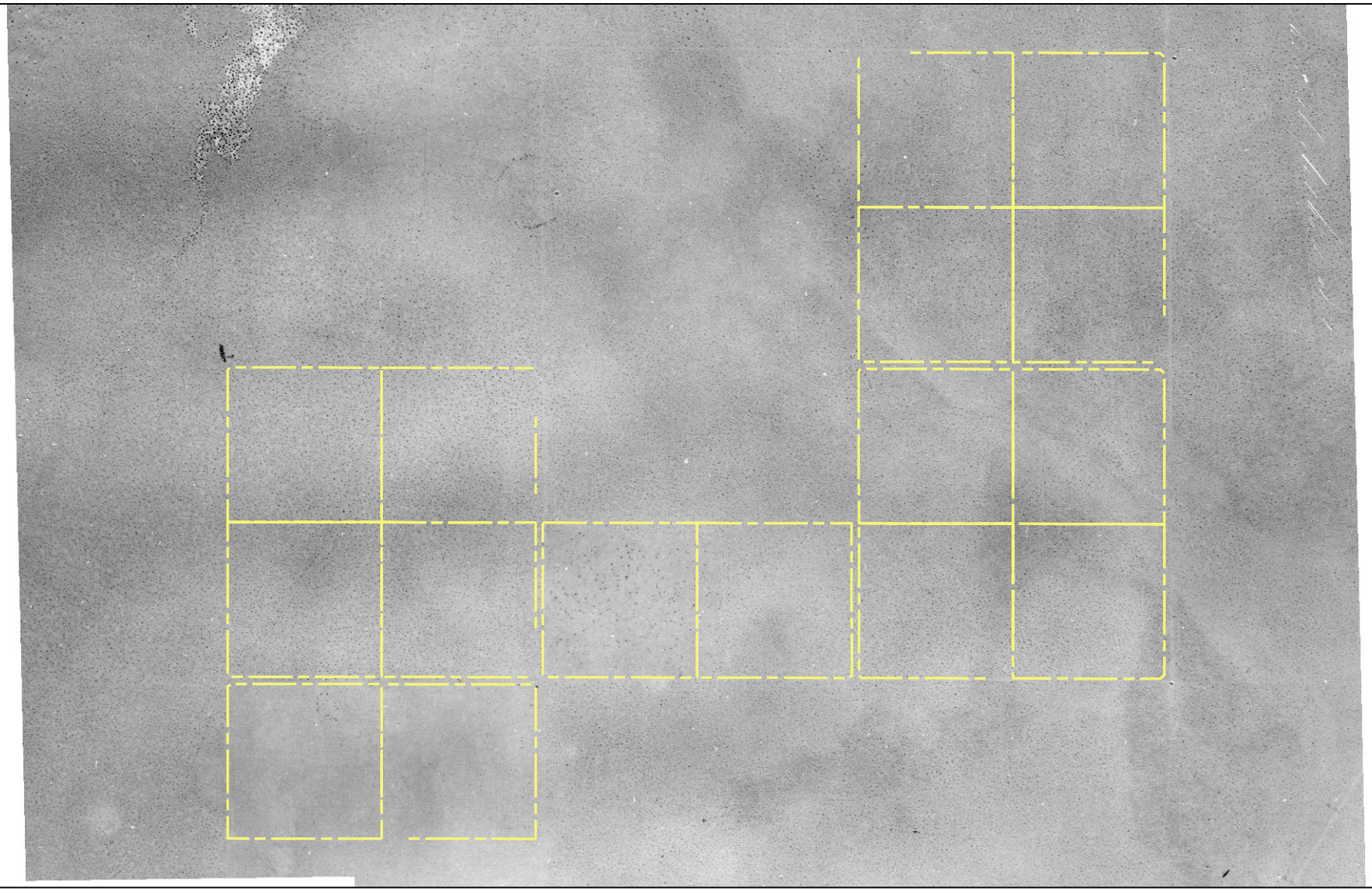
Blythe Mesa Solar Project
Riverside County, California

Historical Aerial 1959
Northern Parcels
(Former Sun World Property)

K/J 1283030*00
November 2012

Appendix C

Path: Z:\Projects\Western Development\Events\20121116_BMSP\MXD\Historical_Aerials_Southern_1959_Letter.mxd



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Southern Subject Property Parcel

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0 750 1,500

Scale: Feet

Kennedy/Jenks Consultants

Blythe Mesa Solar Project
Riverside County, California

Historical Aerial 1959
Southern Parcels
(Former Sun World Property)

K/J 1283030*00
November 2012

Appendix C

Path:Z:\Projects\Western Development\Events\20121116_BMSP\MXD\Historical_Aerials_Northern_1994.mxd

Legend

Northern Subject Property Parcel

N

0 1,500

Scale: Feet

Kennedy/Jenks Consultants

Blythe Mesa Solar Project
Riverside County, California

Historical Aerial 1994
Northern Parcels
(Former Sun World Property)

K/J 1283030*00
November 2012

Appendix C

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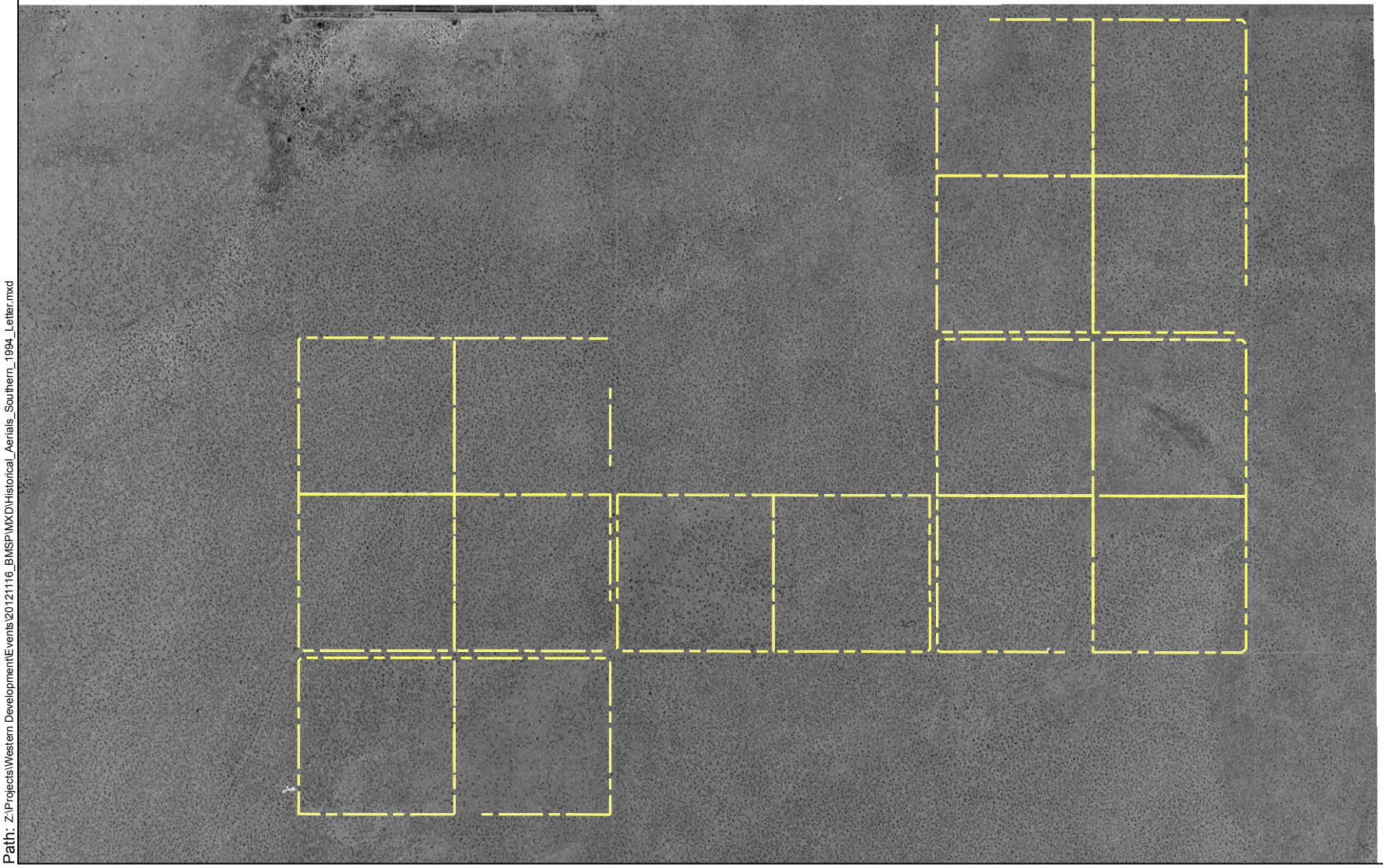

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Southern Subject Property Parcel

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0 750 1,500

Scale: Feet

Kennedy/Jenks Consultants

Blythe Mesa Solar Project
Riverside County, California

Historical Aerial 1994
Southern Parcels
(Former Sun World Property)

K/J 1283030*00
November 2012

Appendix C

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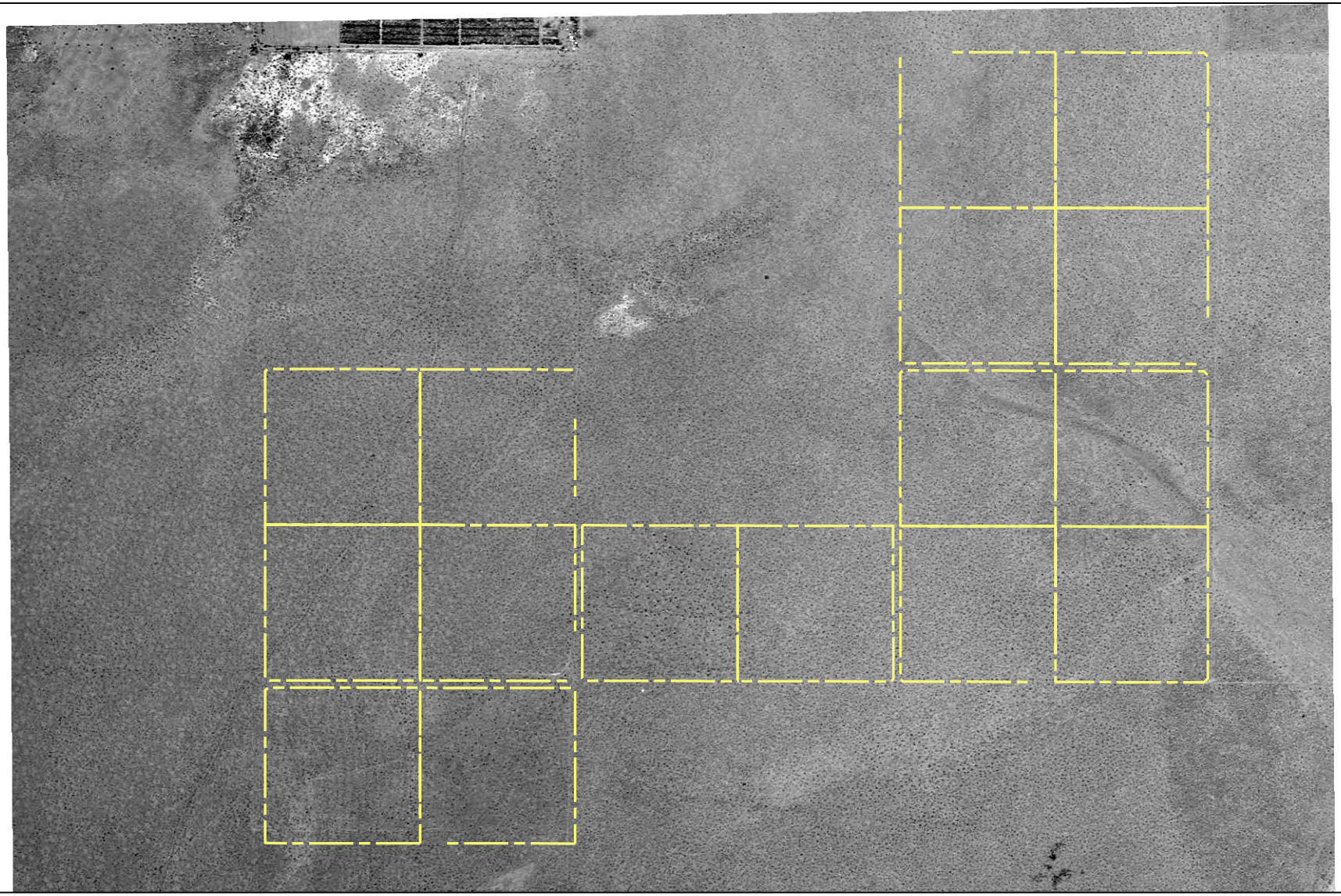

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Southern Subject Property Parcel

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Scale: Feet

Kennedy/Jenks Consultants

Blythe Mesa Solar Project
Riverside County, California

Historical Aerial 2002
Southern Parcels
(Former Sun World Property)

K/J 1283030*00
November 2012

Appendix C

Path: Z:\Projects\Western Development\Events\20121116_BMSP\MXD\Historical_Aerials_Northern_2010.mxd

Image Source: USDA FSA, NAIP 2010

Legend

Northern Subject Property Parcels

N

0 1,500

Scale: Feet

Kennedy/Jenks Consultants

Blythe Mesa Solar Project
Riverside County, California

Historical Aerial 2010
Northern Parcels
(Former Sun World Property)

K/J 1283030*00
November 2012

Appendix C

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Image Source: USDA FSA, NAIP 2010

Legend

Southern Subject Property Parcel

N

0 750 1,500

Scale: Feet

Kennedy/Jenks Consultants

Blythe Mesa Solar Project
Riverside County, California

Historical Aerial 2010
Southern Parcels
(Former Sun World Property)

K/J 1283030*00
November 2012

Appendix C

Cocopah Nurseries, Inc
Several Near I-10 and S Neighbors Blvd
Blythe, CA 92225

Inquiry Number: 3035163.2
April 11, 2011

The EDR Aerial Photo Decade Package

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Aerial Photo Decade Package

Environmental Data Resources, Inc. (EDR) Aerial Photo Decade Package is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's professional researchers provide digitally reproduced historical aerial photographs, and when available, provide one photo per decade.

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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Date EDR Searched Historical Sources:

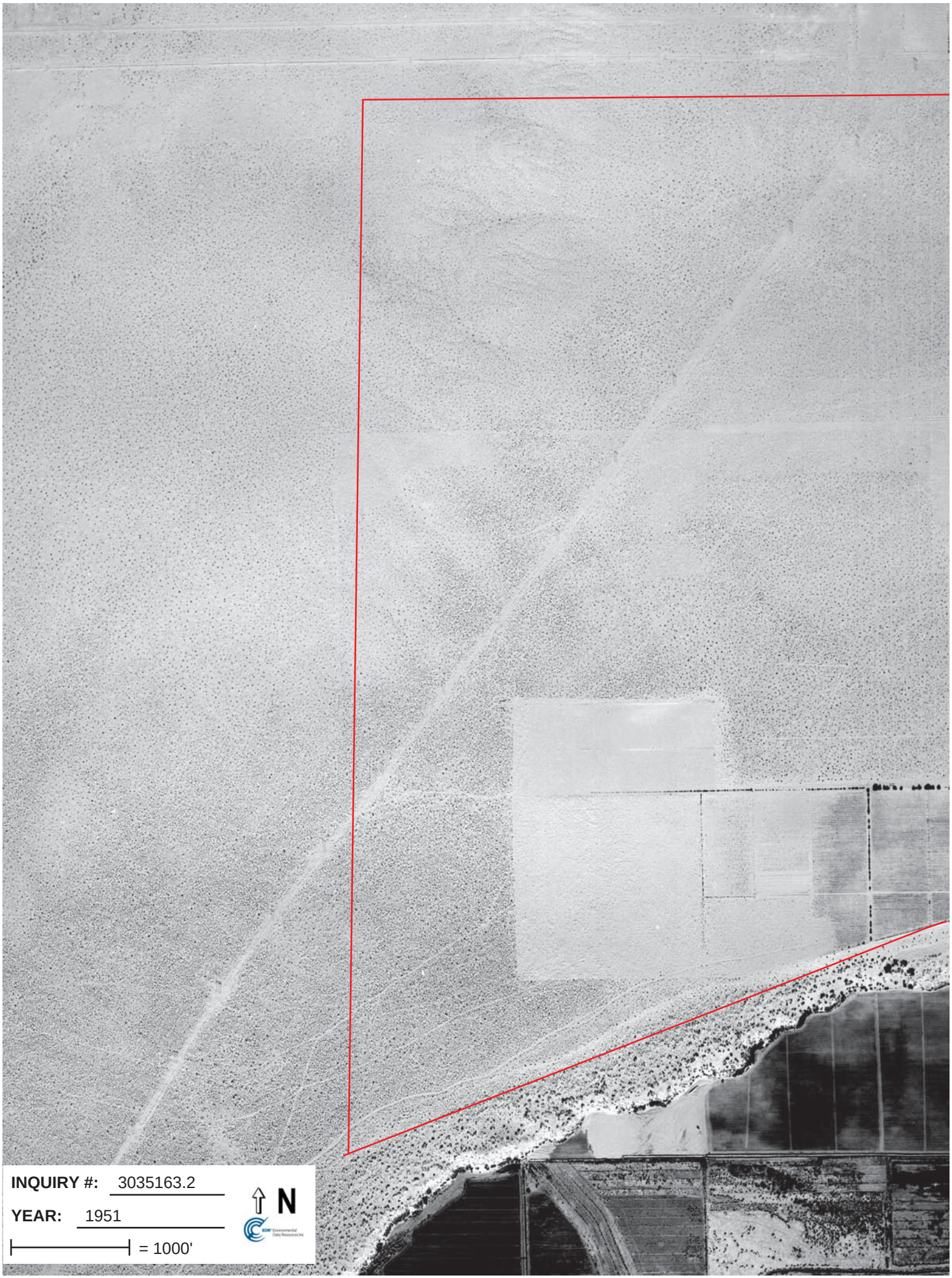
Aerial Photography April 11, 2011

Target Property:

Several Near I-10 and S Neighbors Blvd

Blythe, CA 92225

Year	***Scale***	***Details***	***Source***
1951	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1951	Fairchild
1951	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1951	Fairchild
1959	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1959	Robinson
1959	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1959	Robinson
1961	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1961	USGS
1961	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1961	USGS
1996	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1996	USGS
1996	Aerial Photograph. Scale: 1"=1000'	Flight Year: 1996	USGS
2002	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2002	USGS
2002	Aerial Photograph. Scale: 1"=1000'	Flight Year: 2002	USGS
2005	Aerial Photograph. Scale: 1"=604'	Flight Year: 2005	EDR
2006	Aerial Photograph. Scale: 1"=604'	Flight Year: 2006	EDR



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YEAR: 1951

= 1000'

N

INQUIRY #: 3035163.2
YEAR: 1951
= 1000'
N

INQUIRY #: 3035163.2
YEAR: 1959
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N

INQUIRY #: 3035163.2
YEAR: 1959
= 1000'
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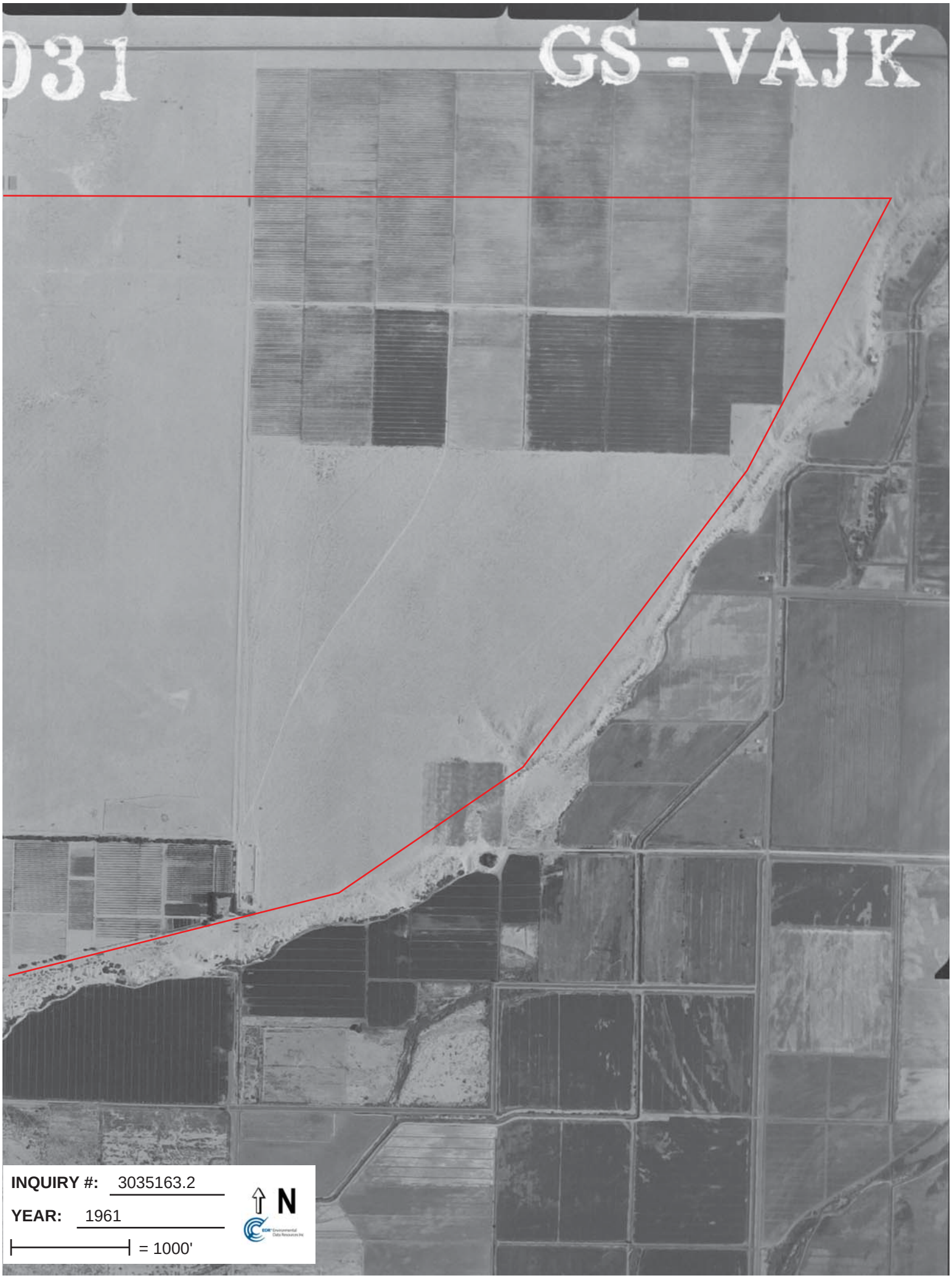
INQUIRY #: 3035163.2

YEAR: 1961

= 1000'

N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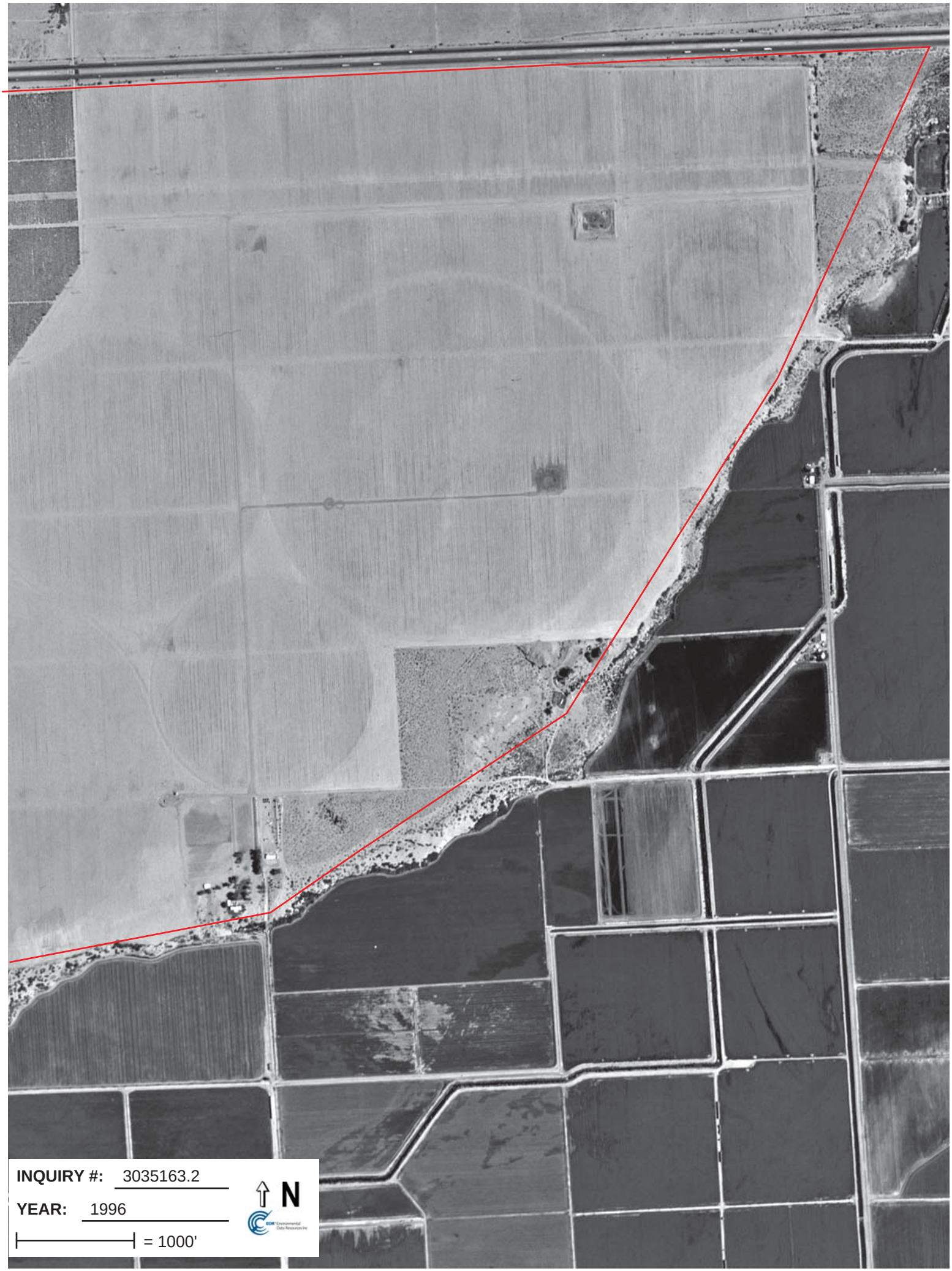
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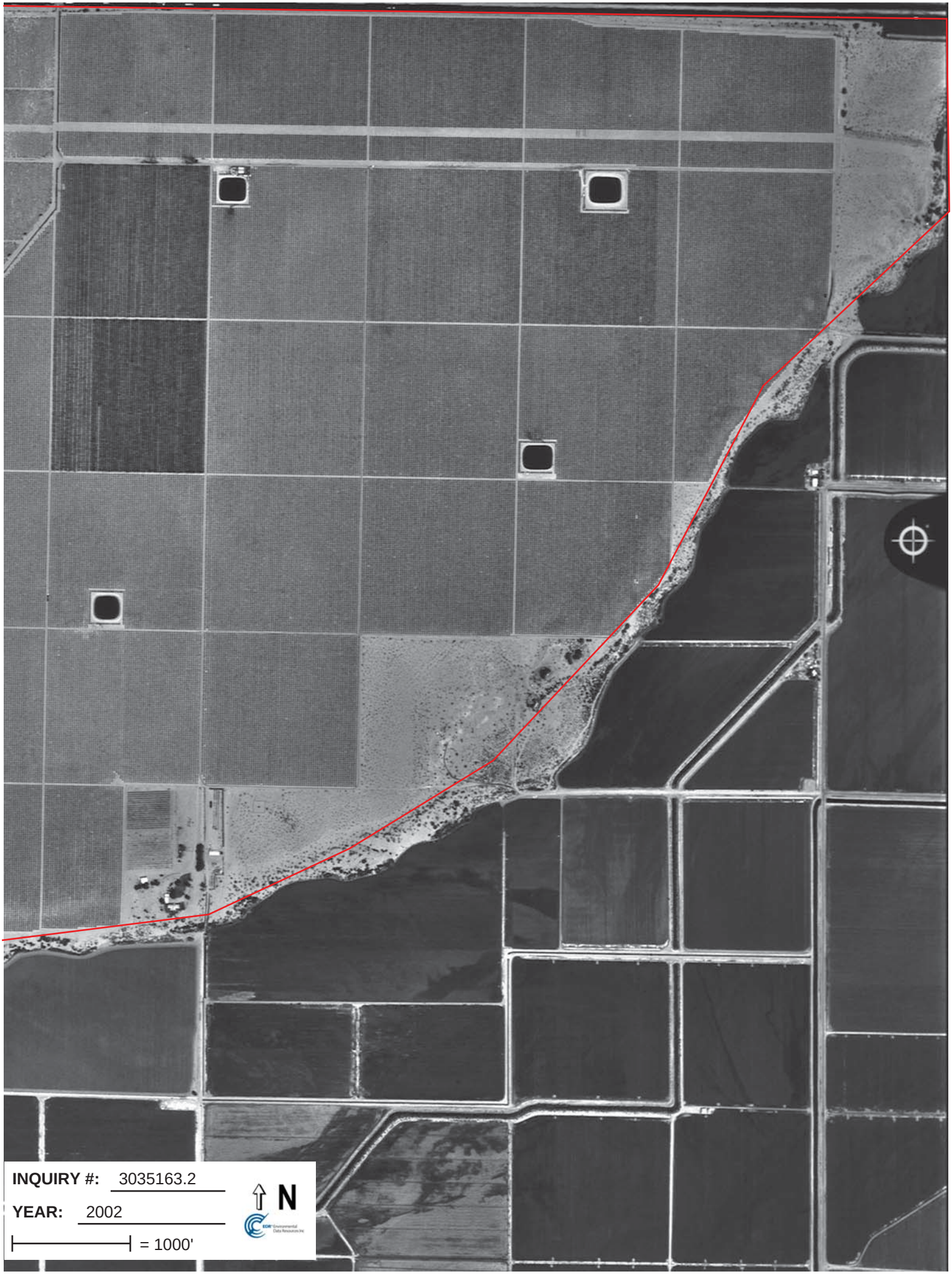
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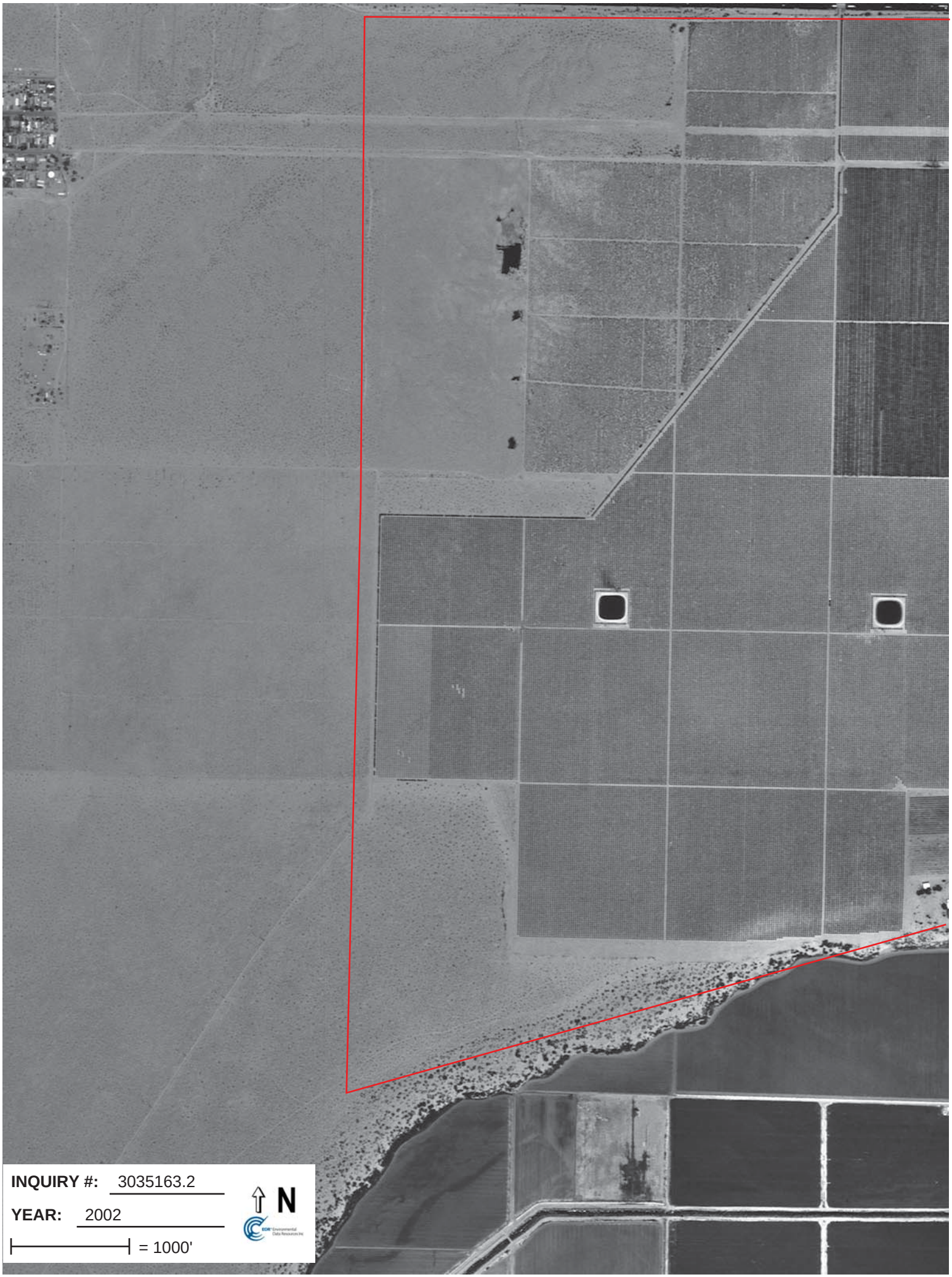
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YEAR: 2005
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INQUIRY #: 3035163.2
YEAR: 2006
= 604'
N

Appendix D

EDR Historical Topographic Maps

Sun World Blythe Lemon Ranch

Sun World Blythe Lemon Ranch

Blyth, CA 92225

Inquiry Number: 2772995.2

May 19, 2010

The EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

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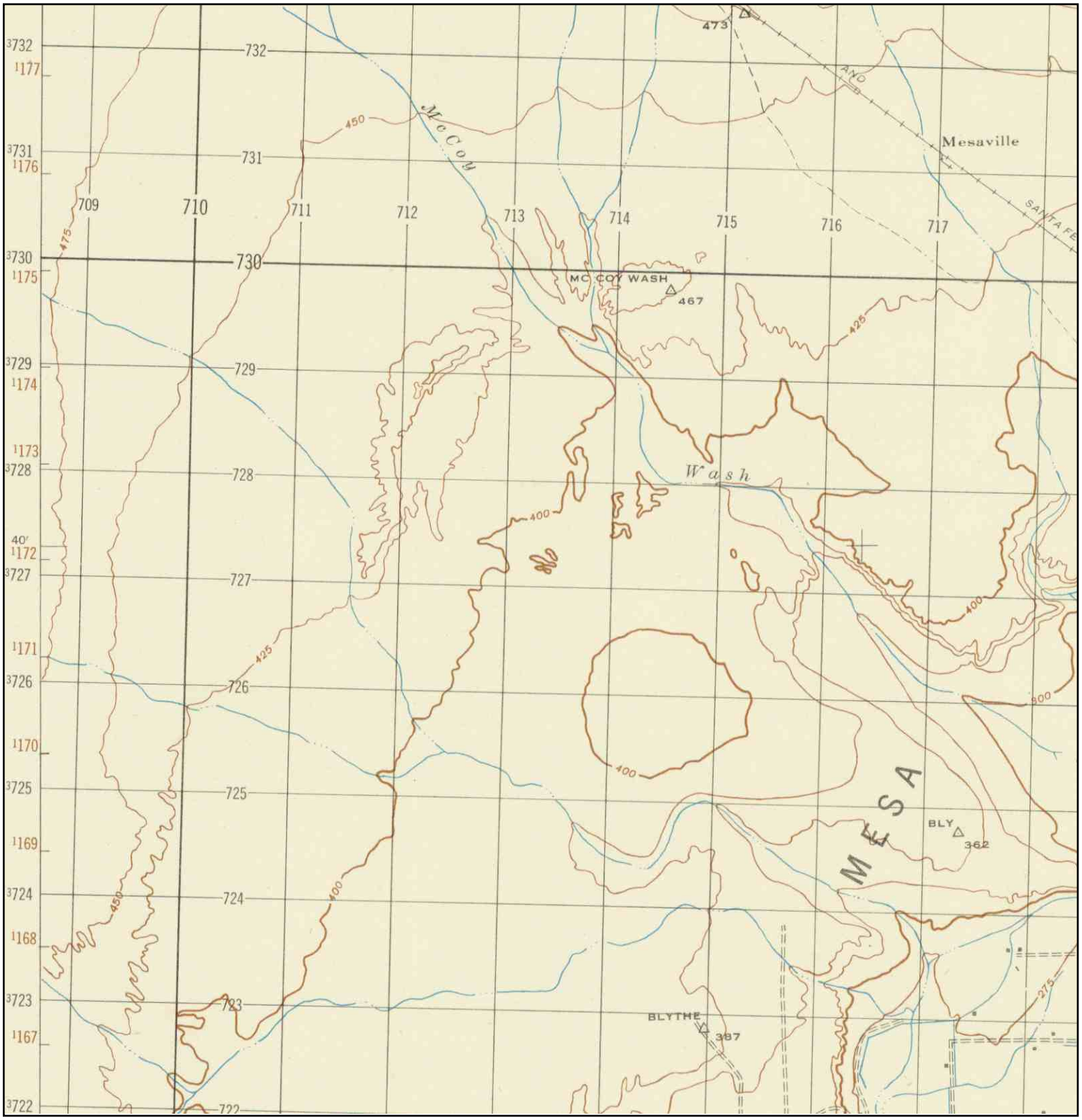
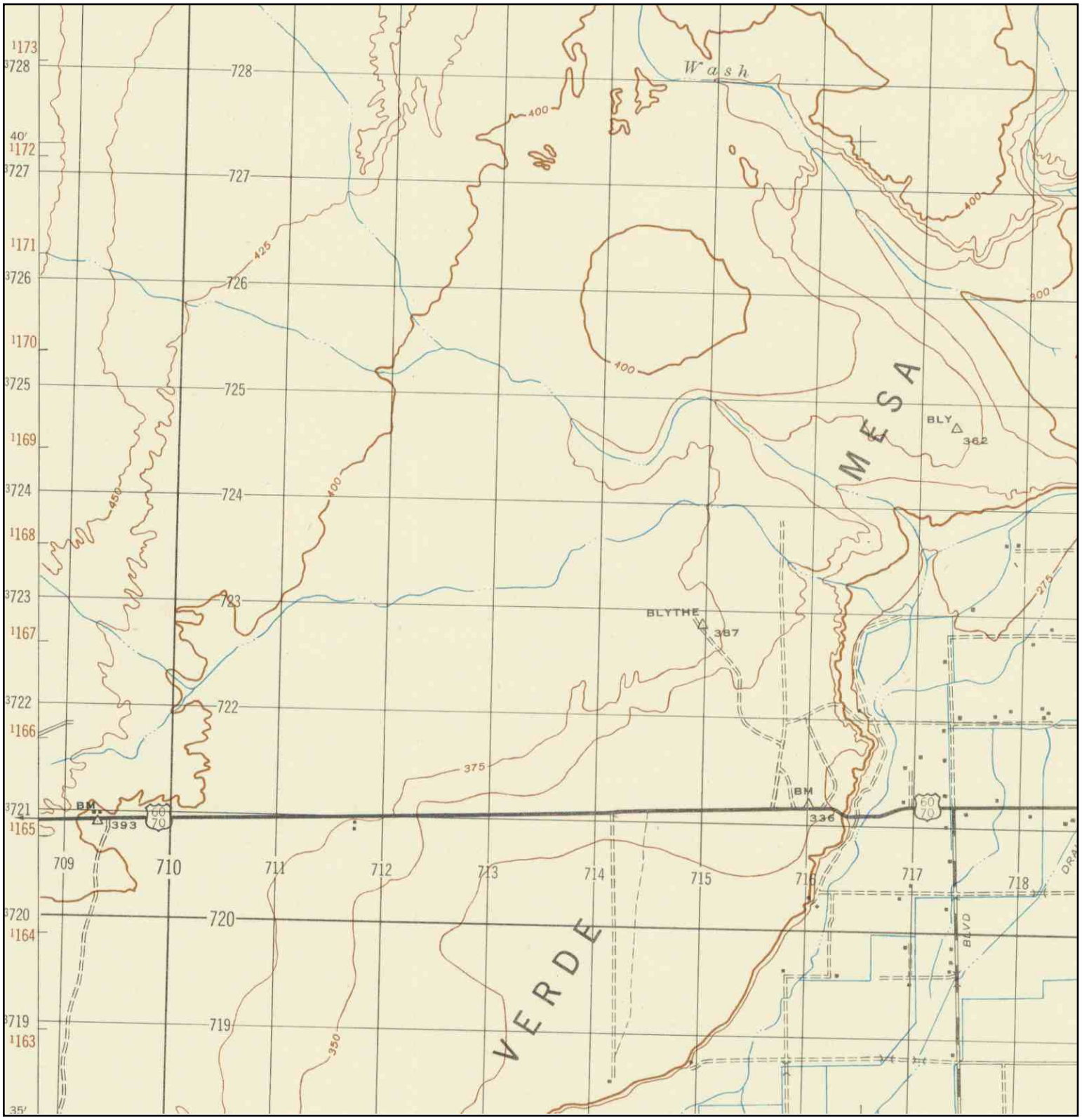
Historical Topographic Map



N	TARGET QUAD NAME: BLYTHE MAP YEAR: 1947 SERIES: 15 SCALE: 1:50000	SITE NAME: Sun World Blythe Lemon Ranch ADDRESS: Sun World Blythe Lemon Ranch Blyth, CA 92225 LAT/LONG: 33.6635 / 114.6965	CLIENT: Kennedy/Jenks Consultants CONTACT: Nadine Stroud INQUIRY#: 2772995.2 RESEARCH DATE: 05/19/2010

Historical Topographic Map



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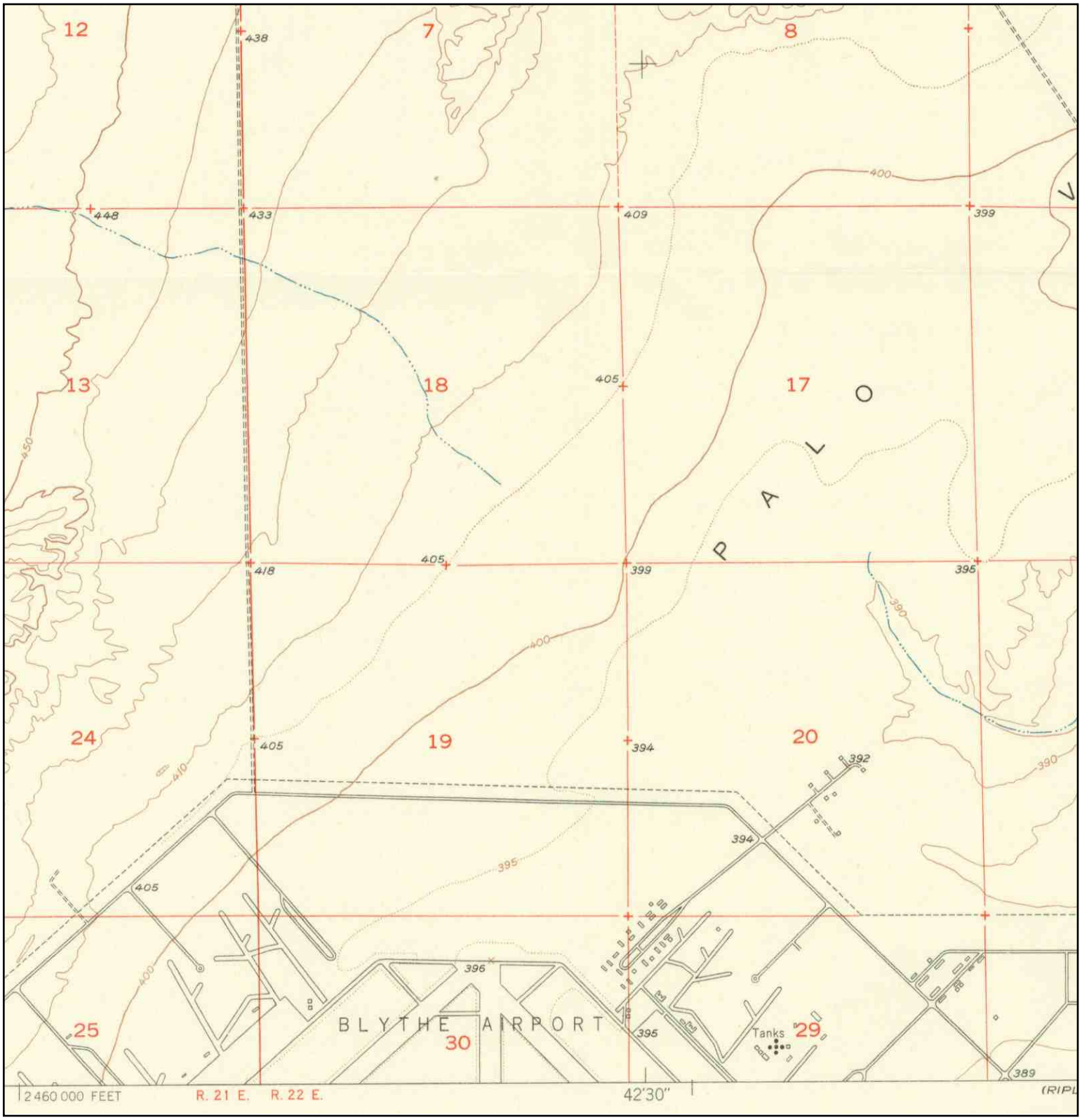
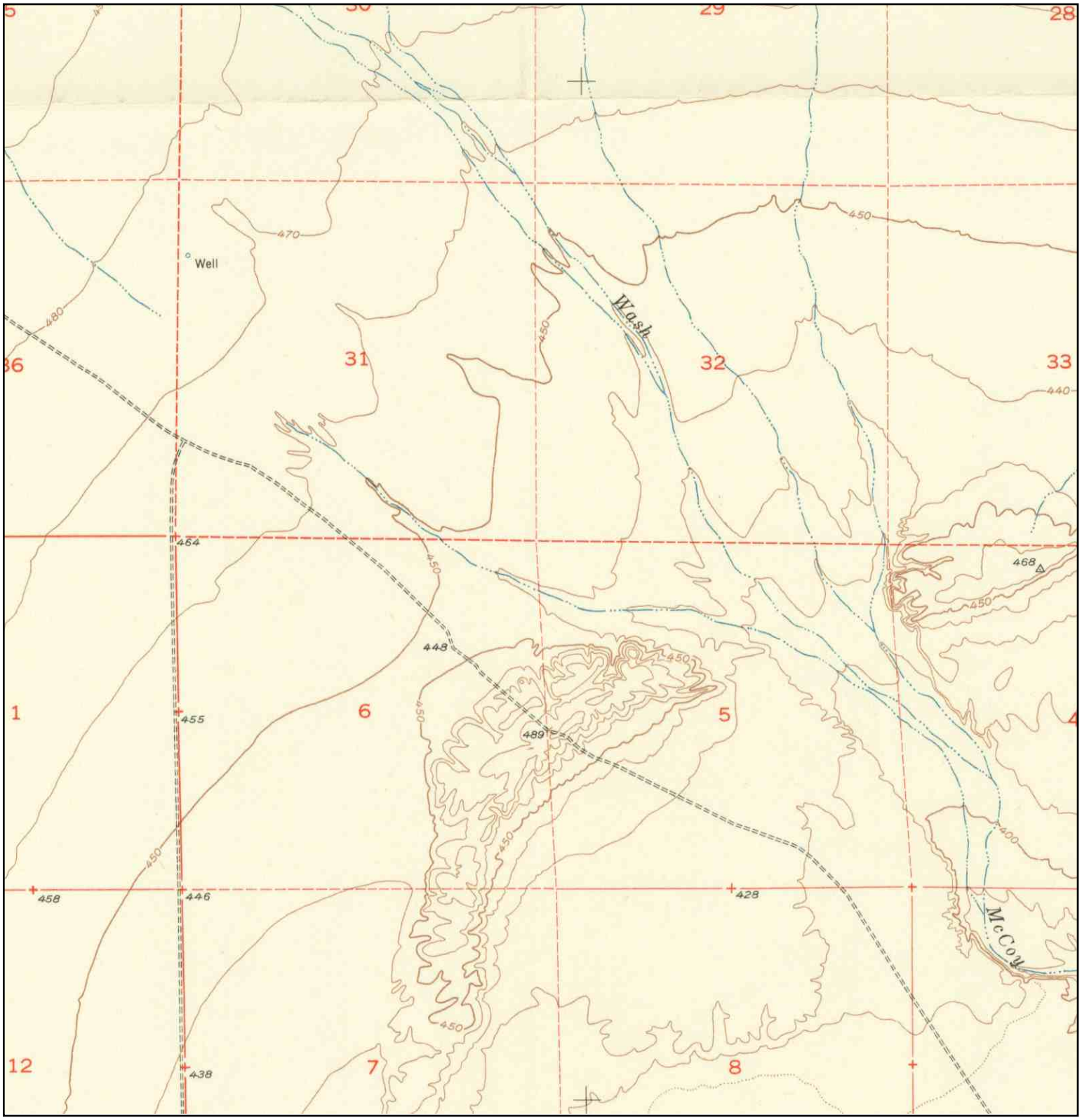
Historical Topographic Map



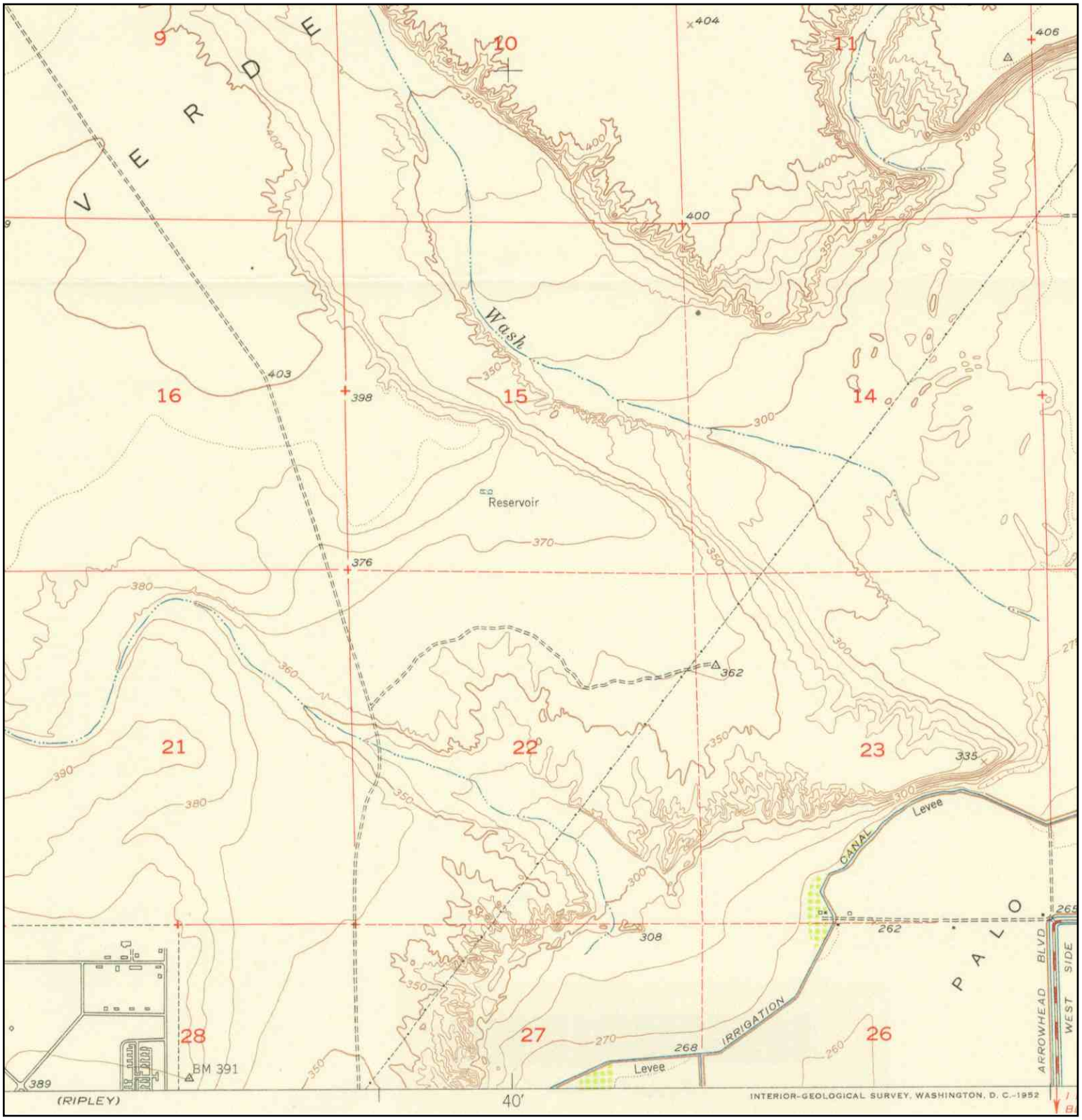
N	TARGET QUAD NAME: MCCOY WASH MAP YEAR: 1951 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Sun World Blythe Lemon Ranch ADDRESS: Sun World Blythe Lemon Ranch Blyth, CA 92225 LAT/LONG: 33.6635 / 114.6965	CLIENT: Kennedy/Jenks Consultants CONTACT: Nadine Stroud INQUIRY#: 2772995.2 RESEARCH DATE: 05/19/2010

Historical Topographic Map



N	TARGET QUAD NAME: MCCOY WASH MAP YEAR: 1951 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Sun World Blythe Lemon Ranch ADDRESS: Sun World Blythe Lemon Ranch Blyth, CA 92225 LAT/LONG: 33.6635 / 114.6965	CLIENT: Kennedy/Jenks Consultants CONTACT: Nadine Stroud INQUIRY#: 2772995.2 RESEARCH DATE: 05/19/2010

Historical Topographic Map



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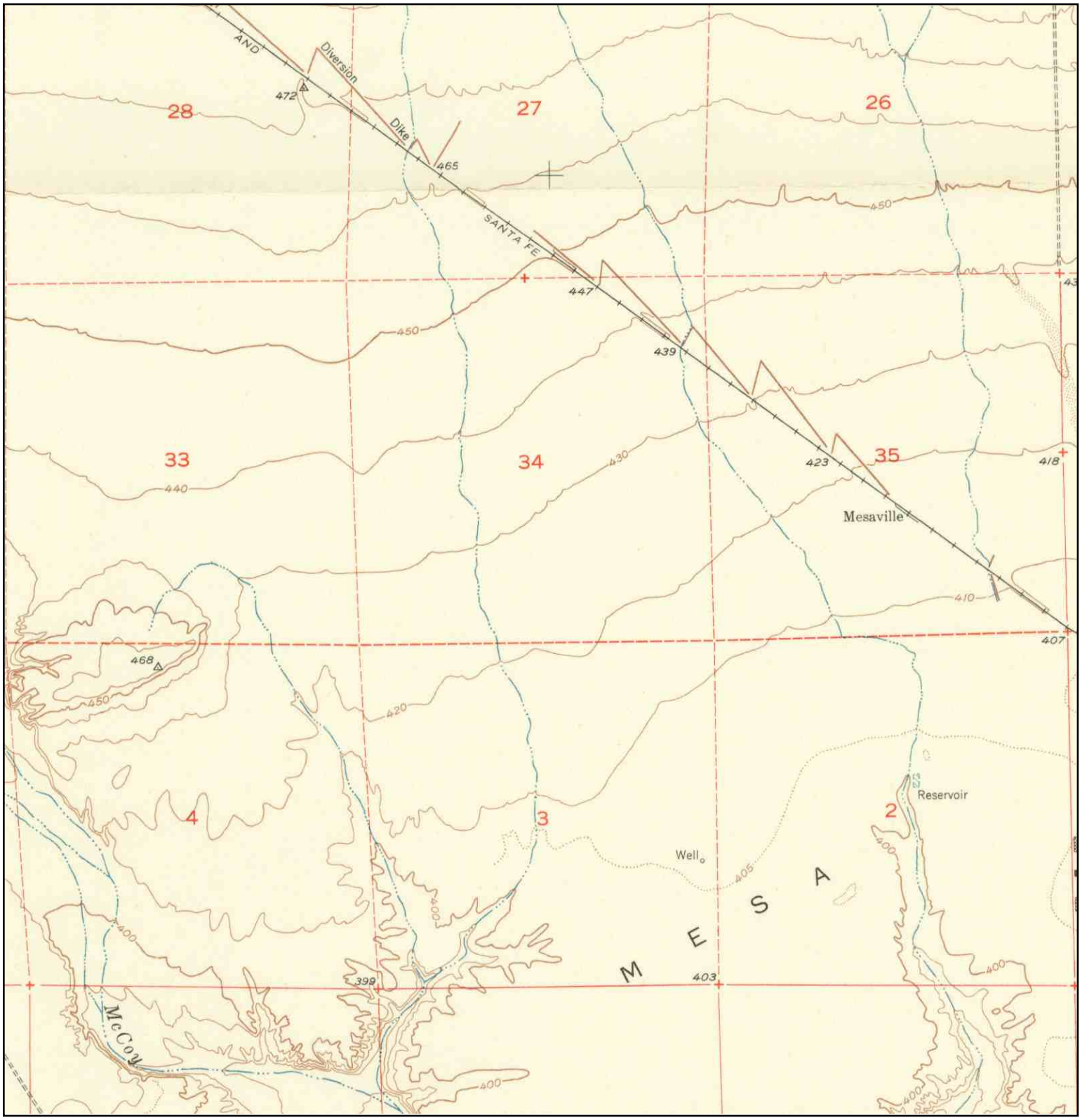

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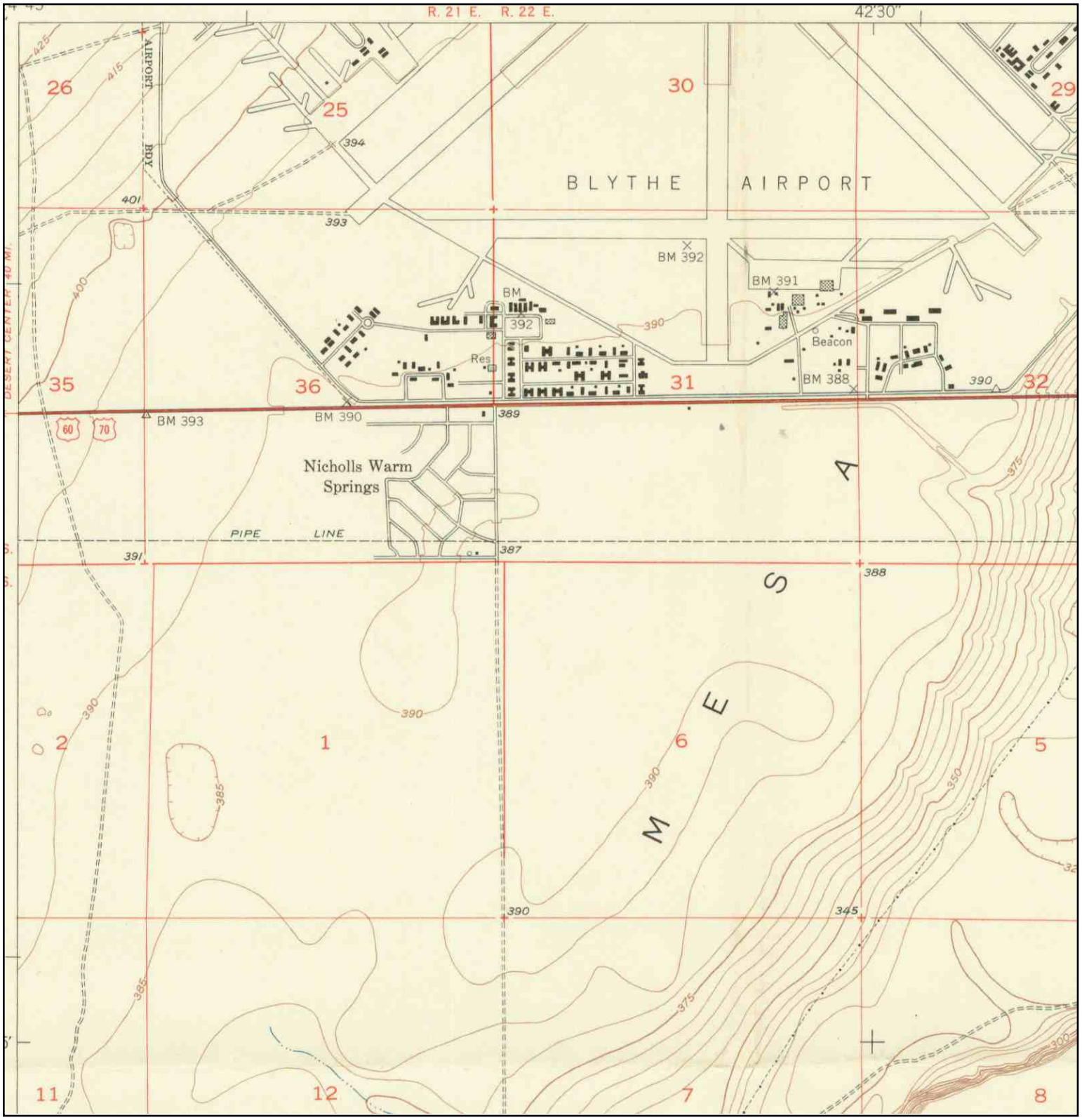

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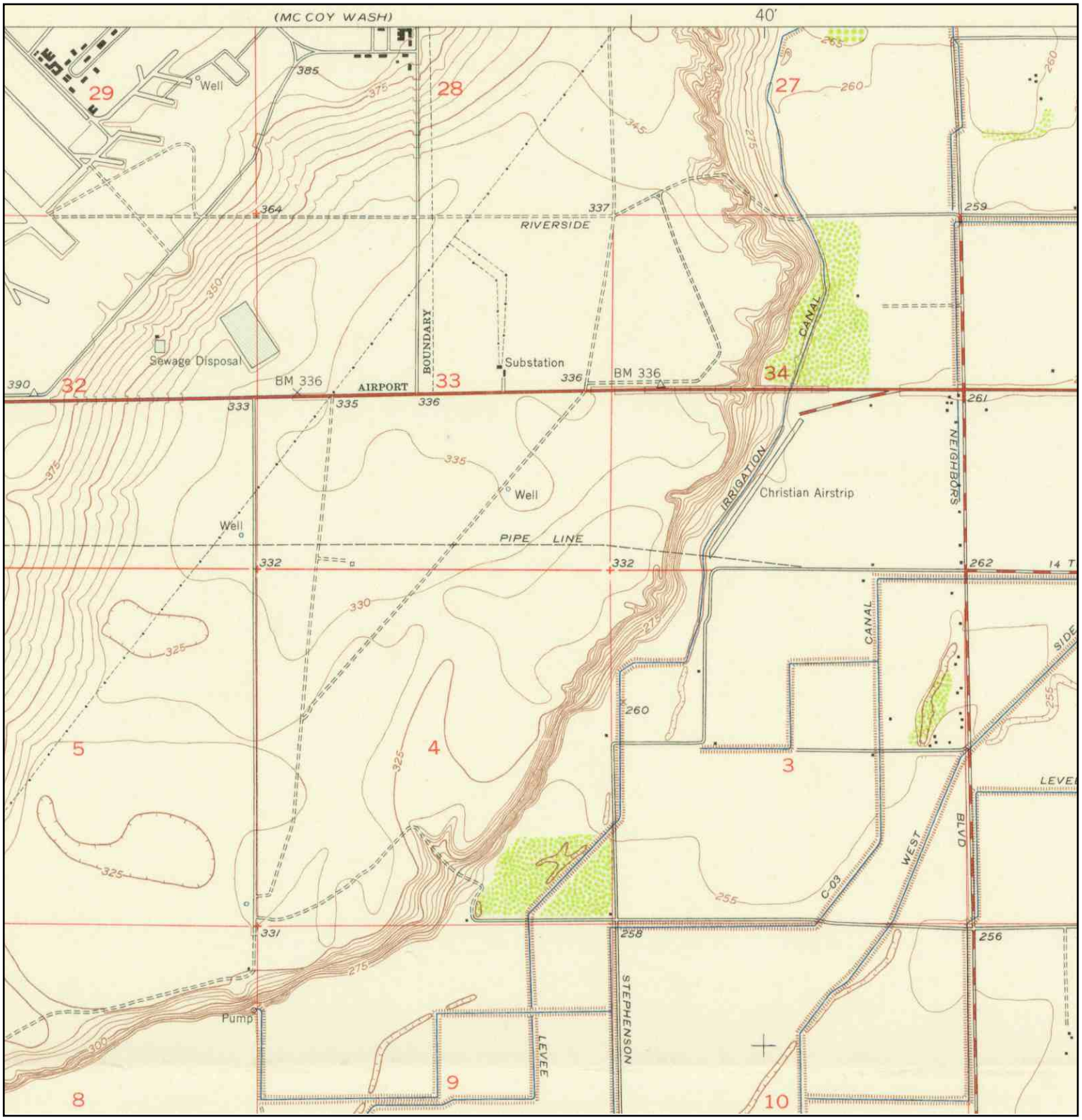

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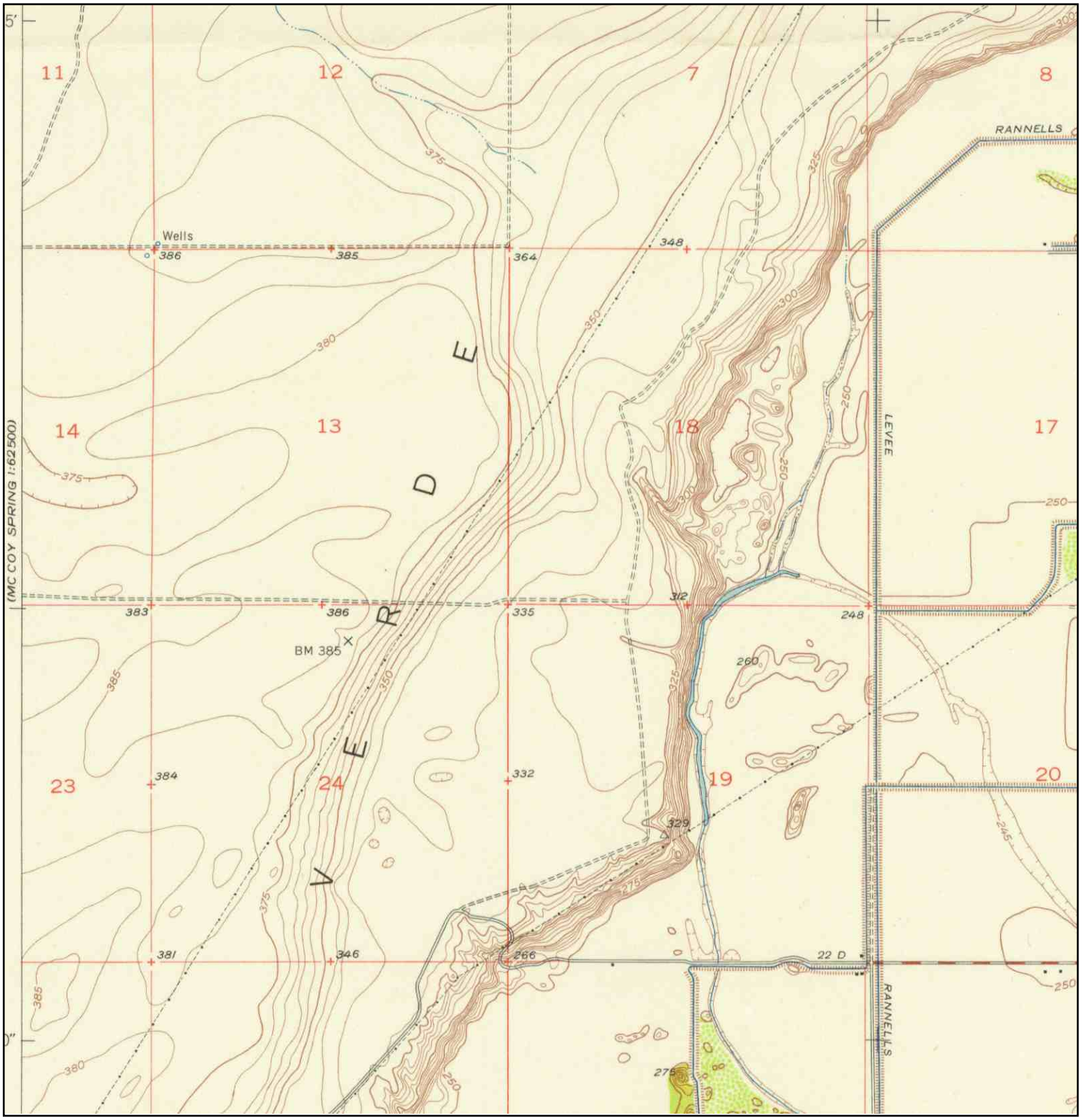

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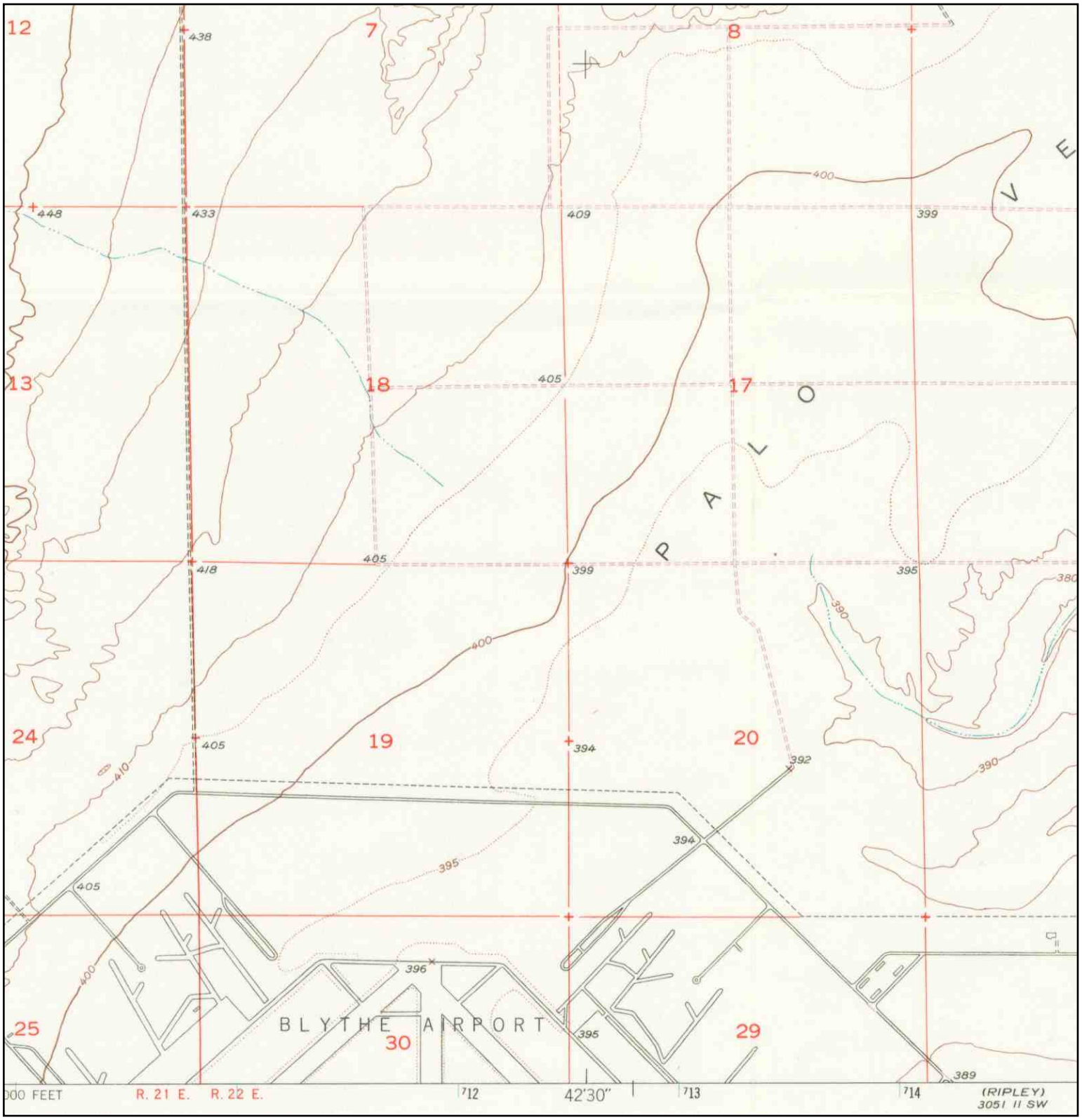

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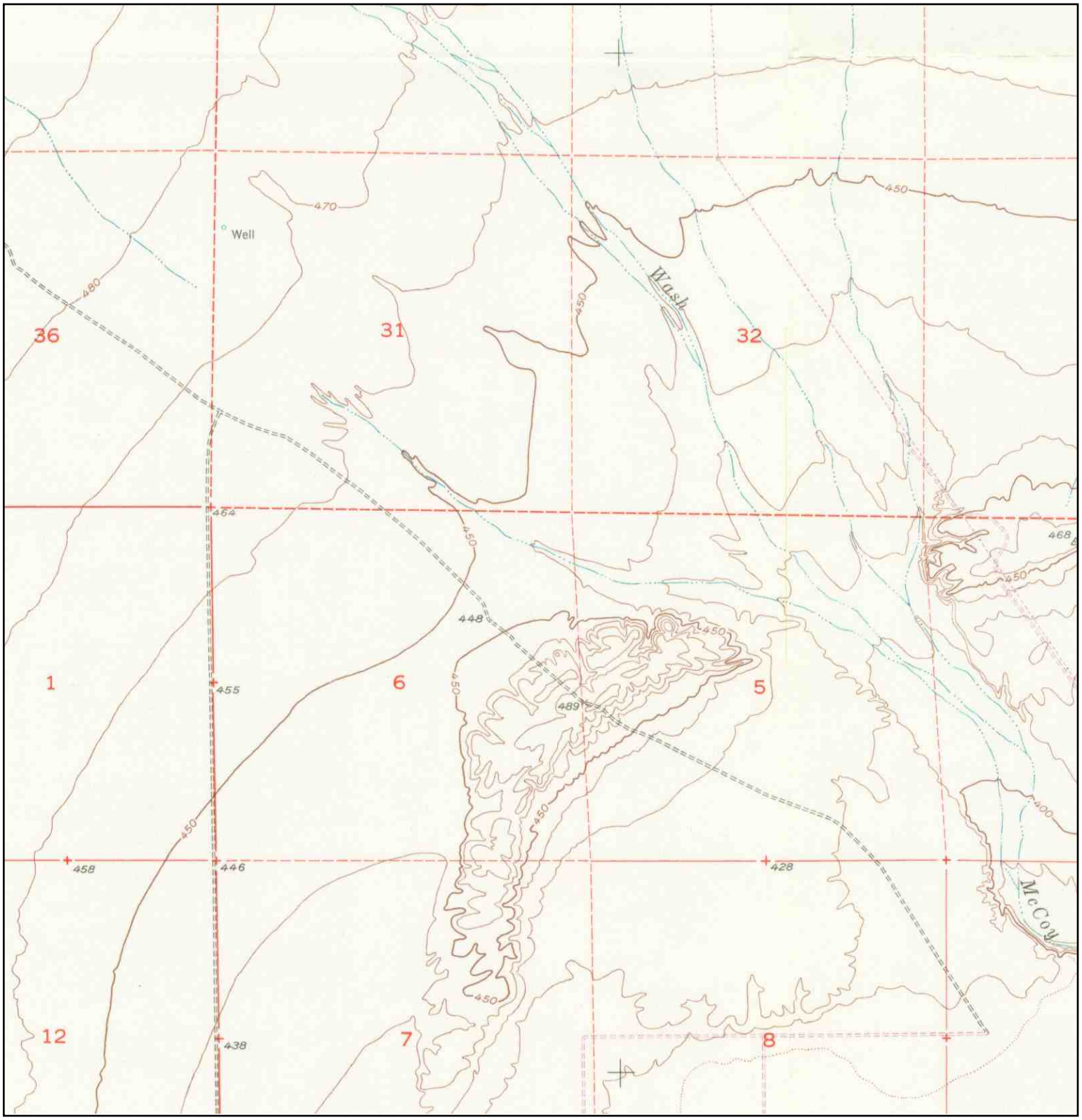

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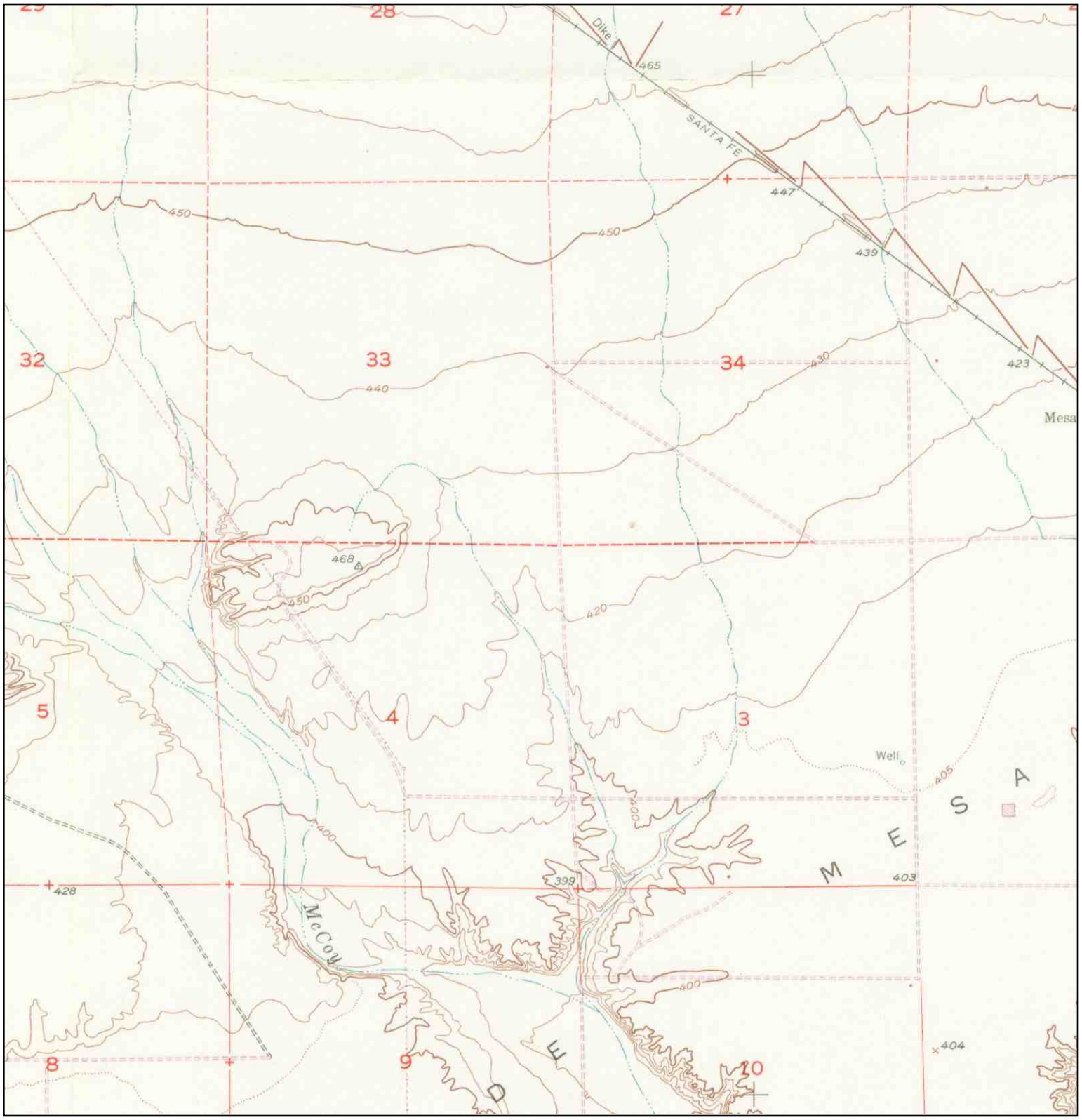

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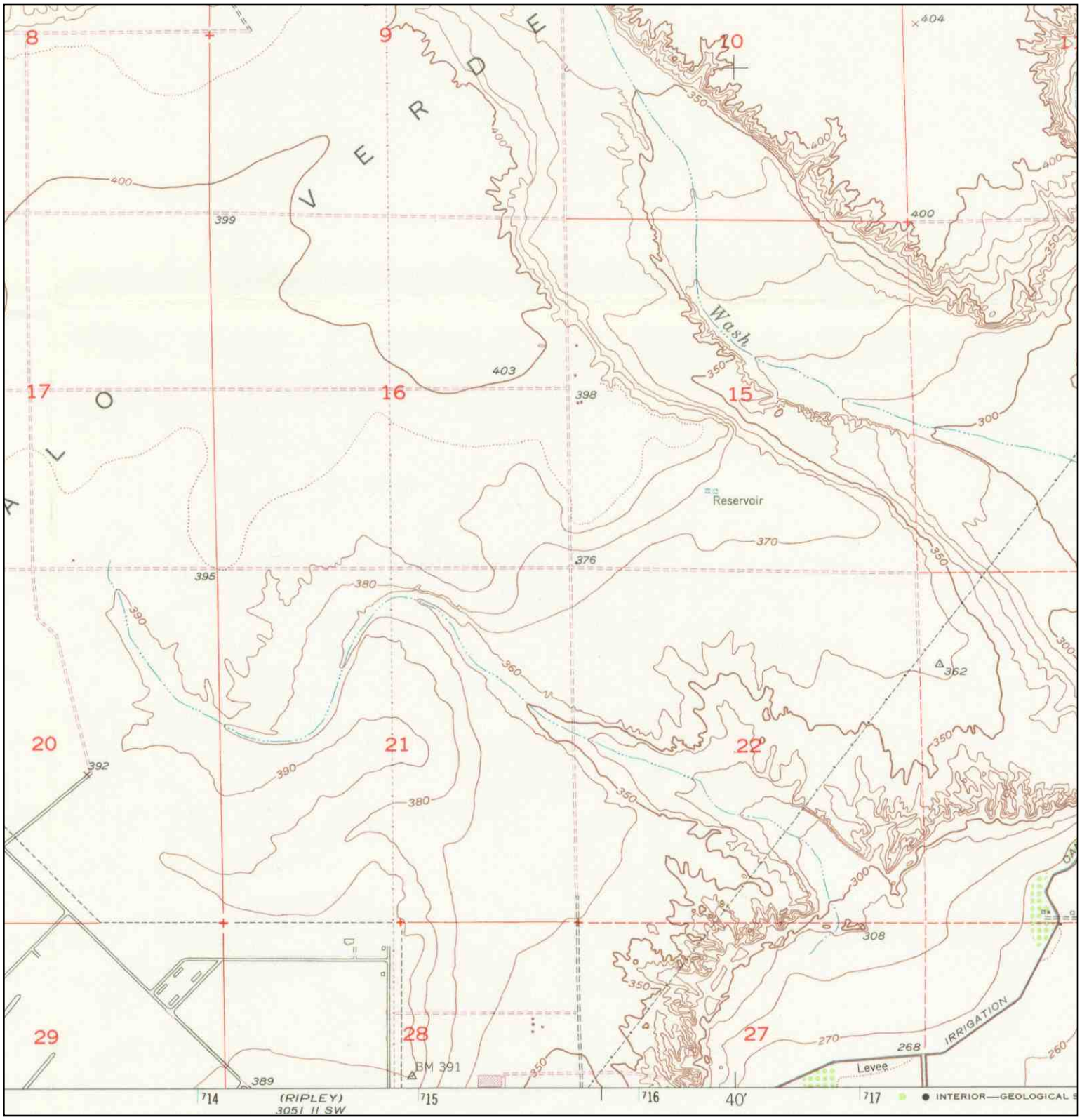

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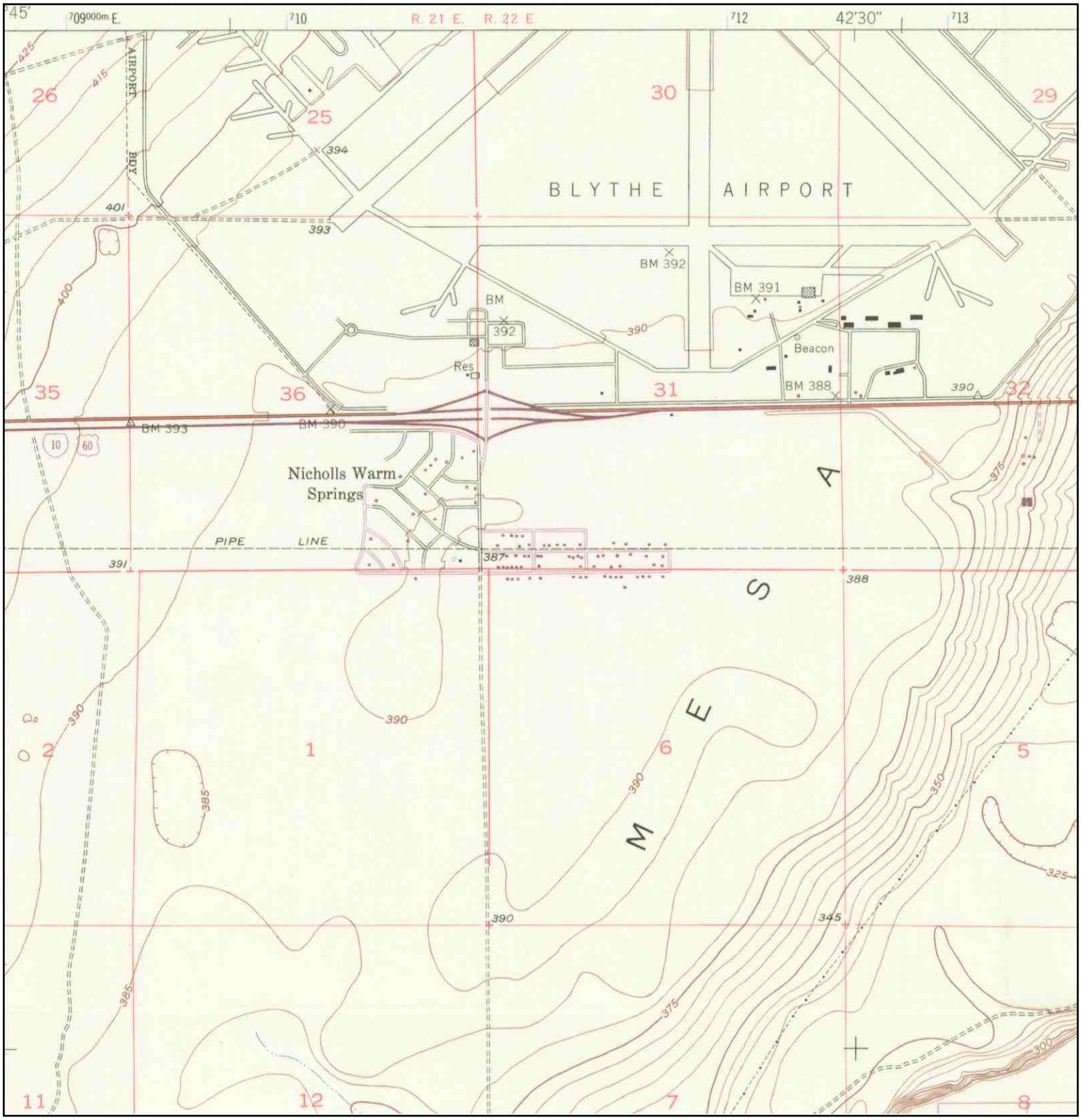

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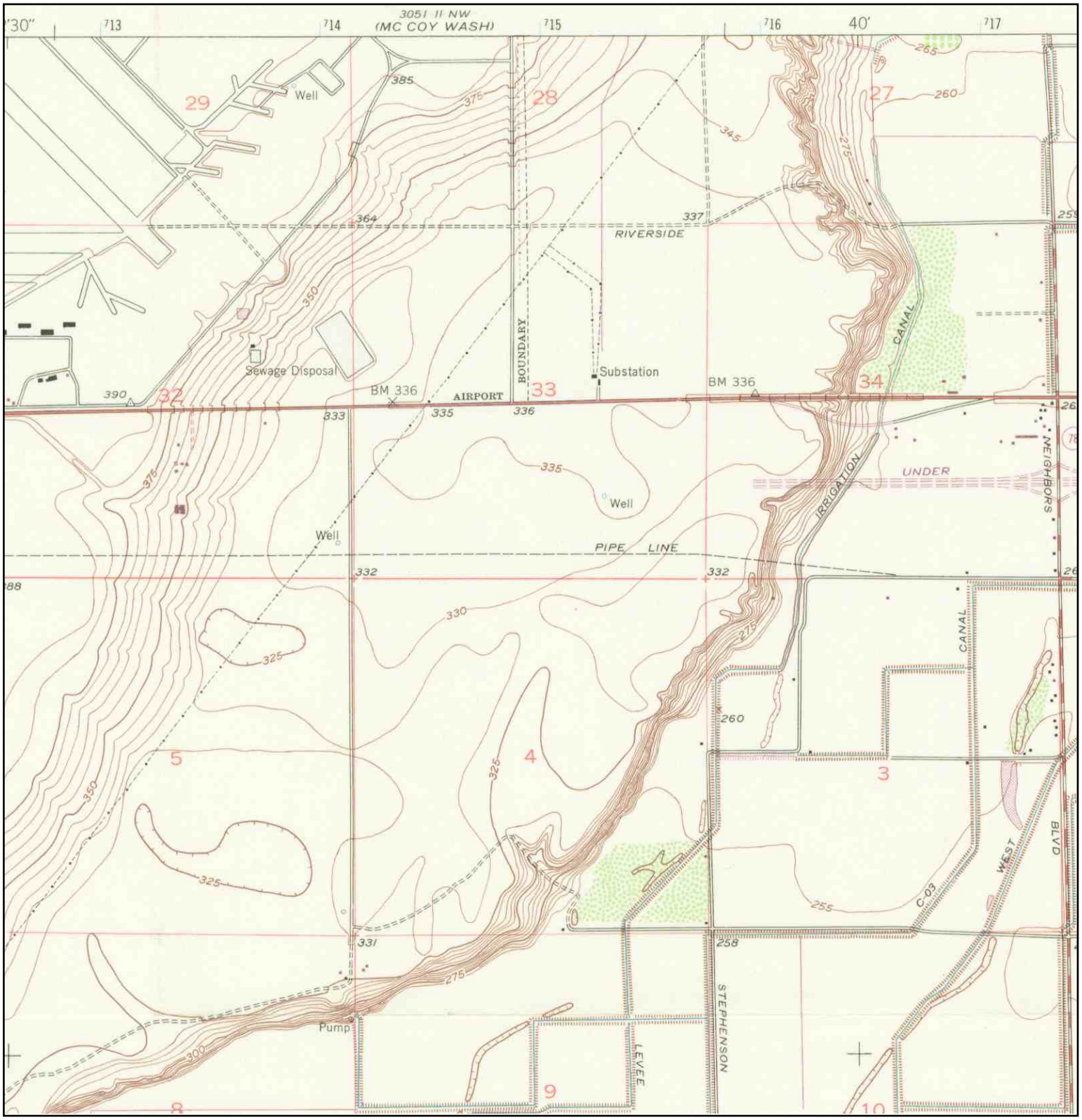

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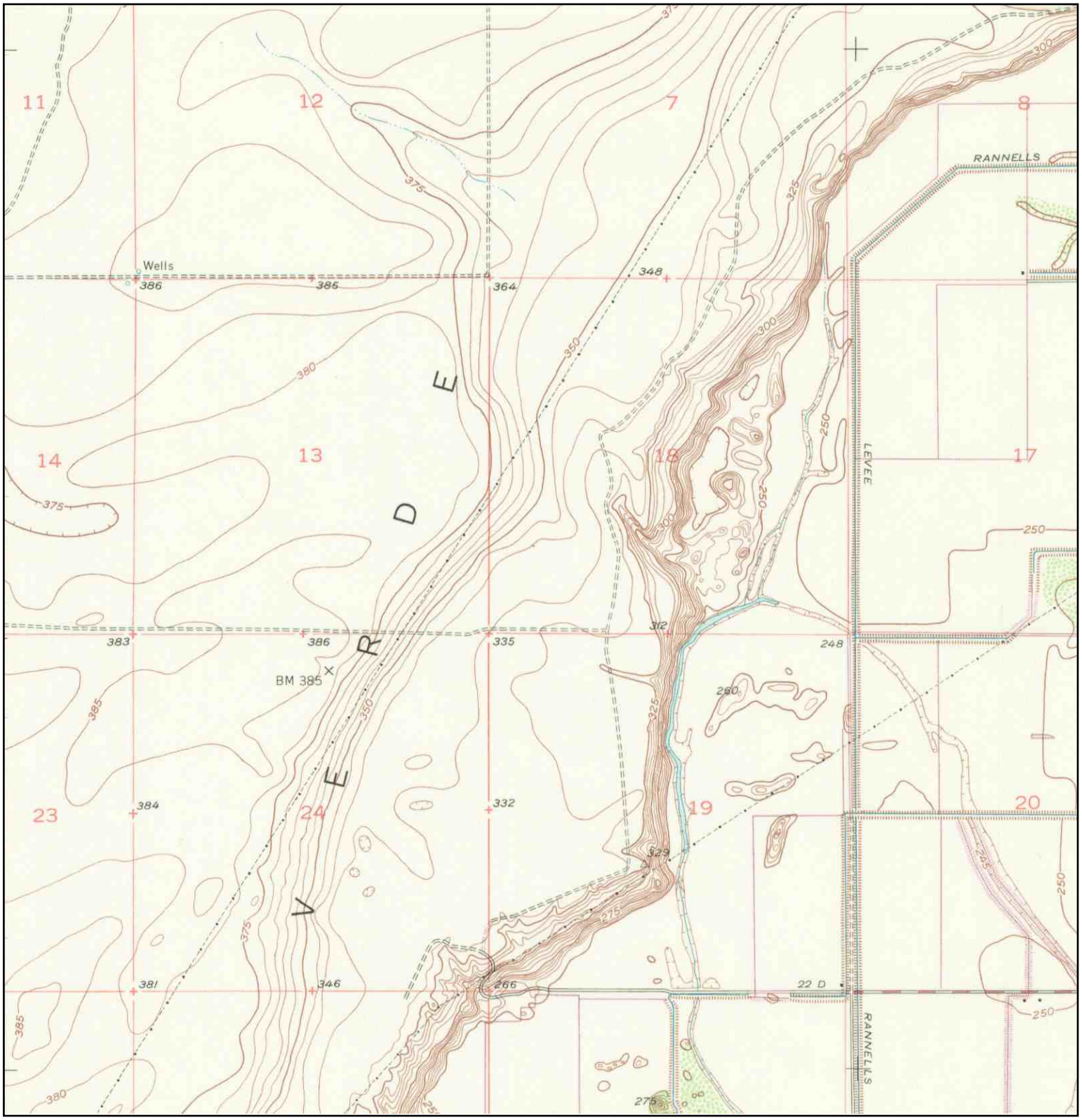

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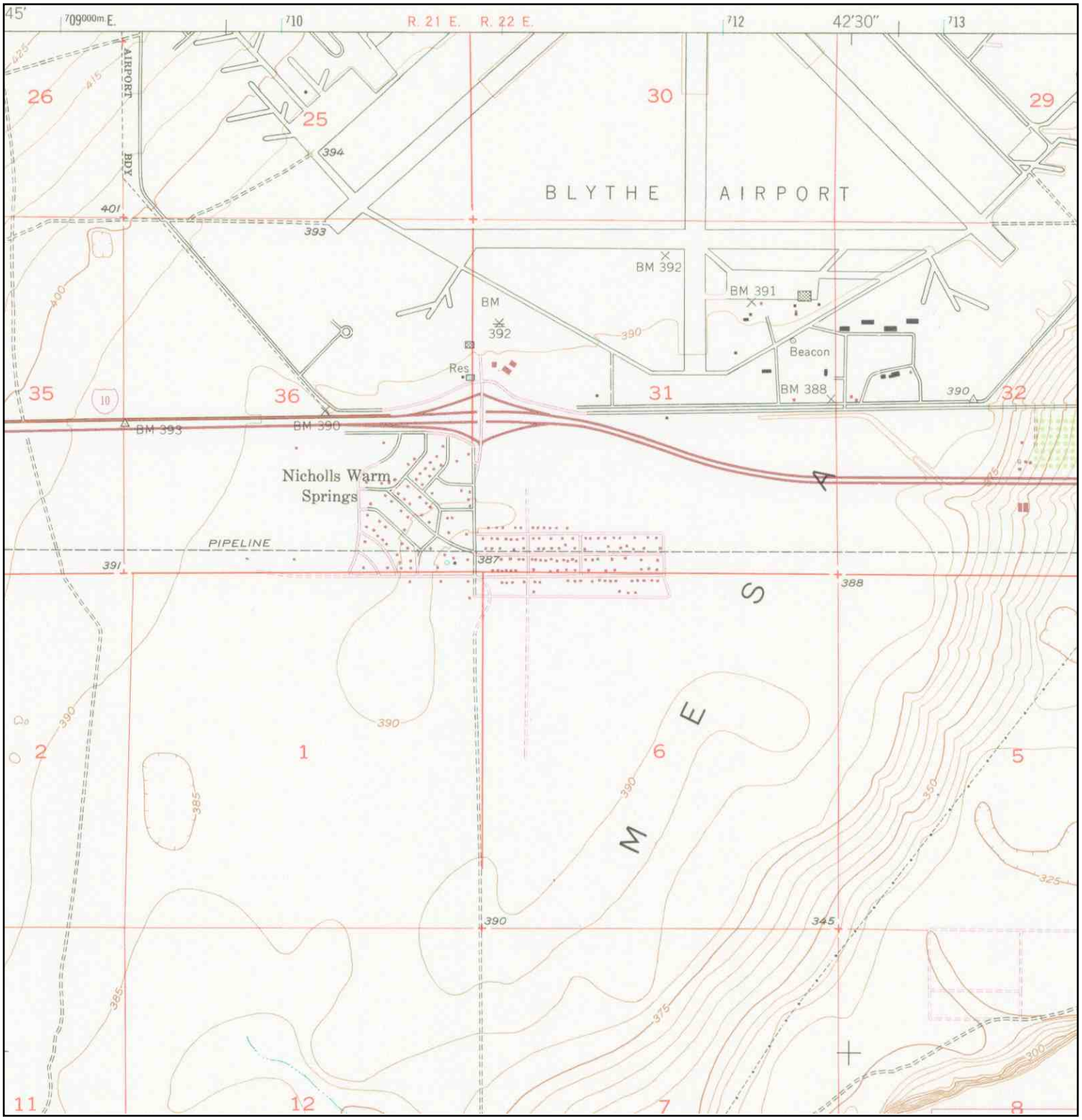

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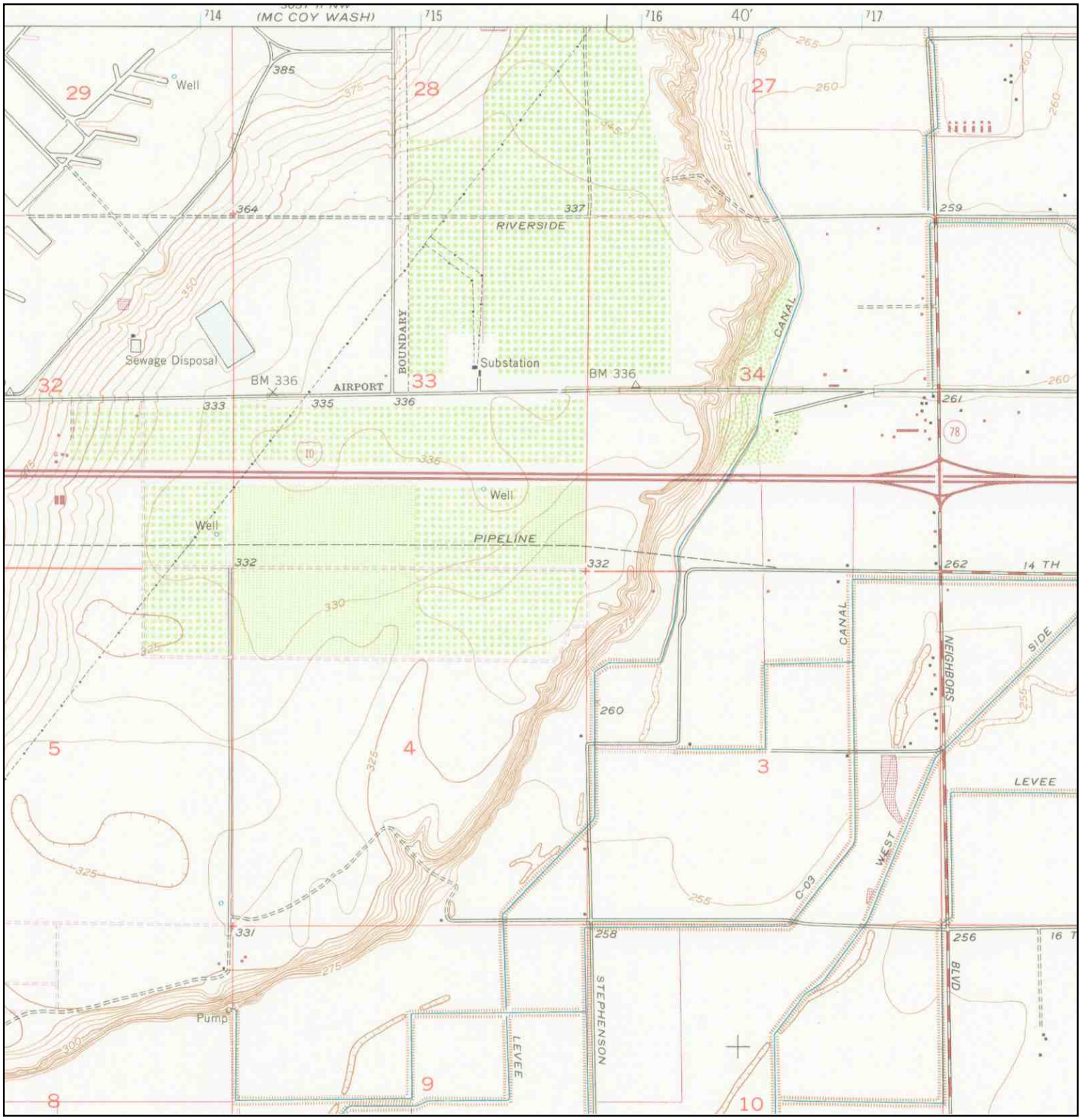

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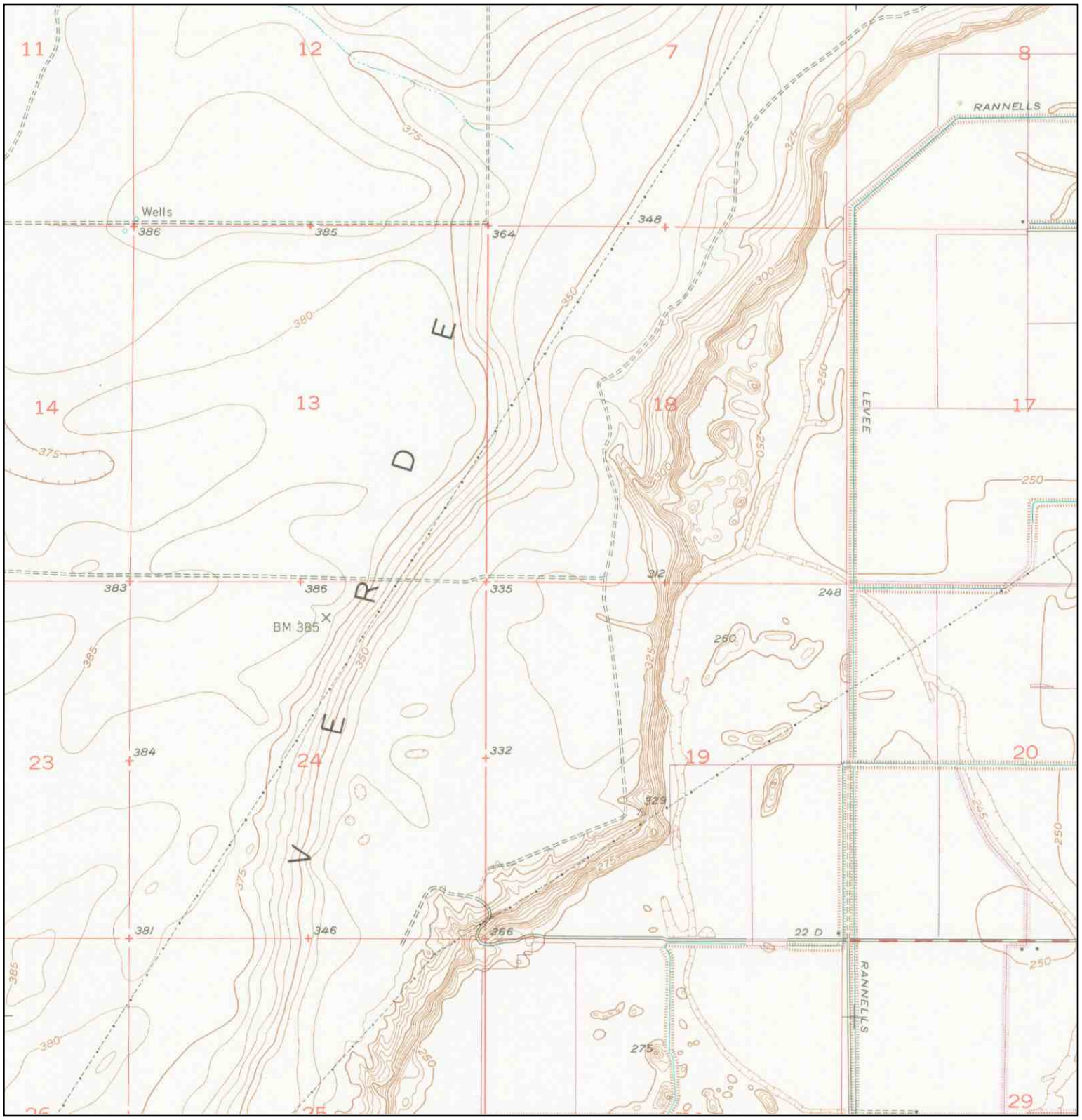

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Cocopah Nurseries, Inc
Several Near I-10 and S Neighbors Blvd
Blythe, CA 92225

Inquiry Number: 3035163.1
April 08, 2011

EDR Historical Topographic Map Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
800.352.0050
www.edrnet.com

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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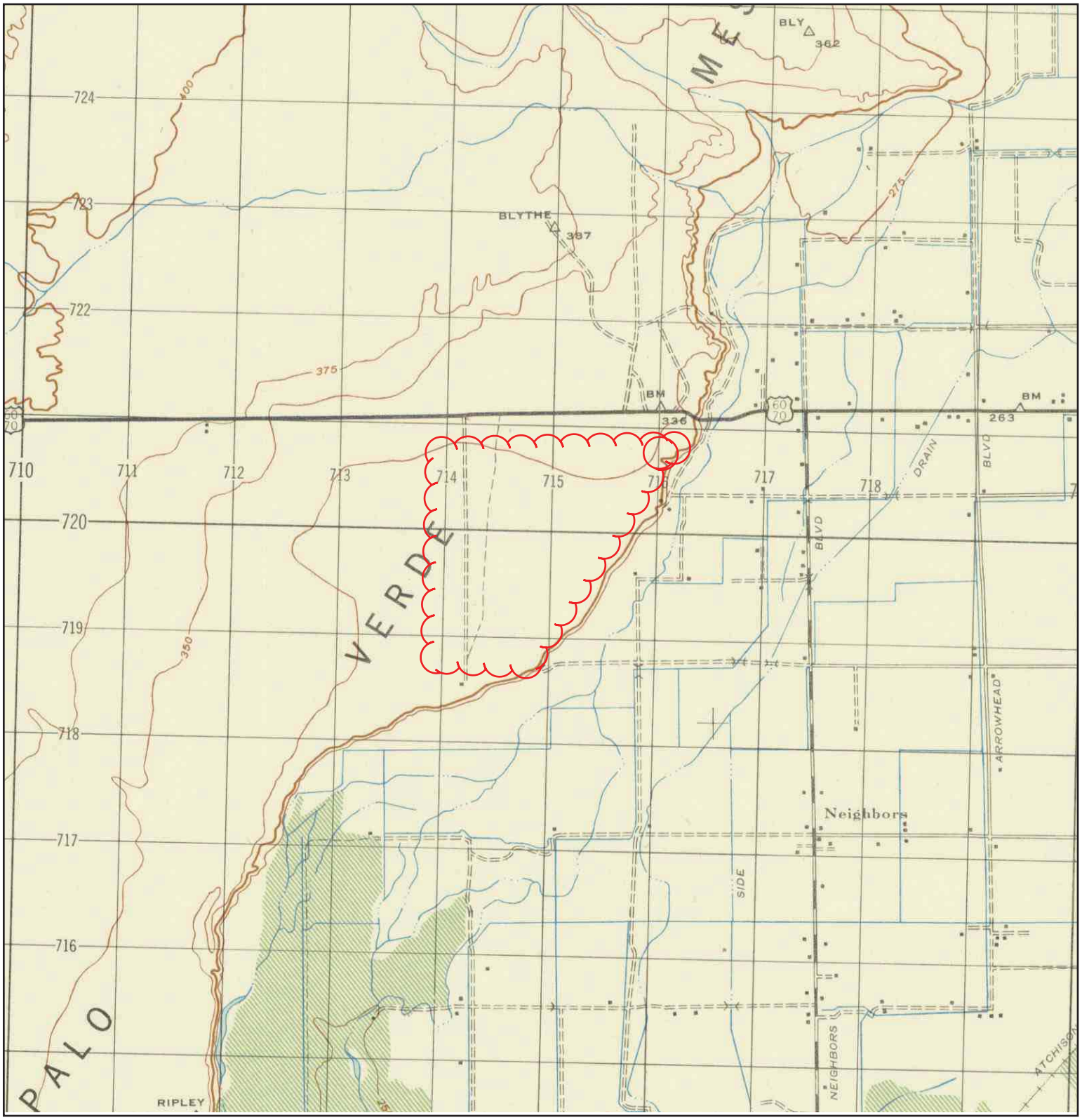
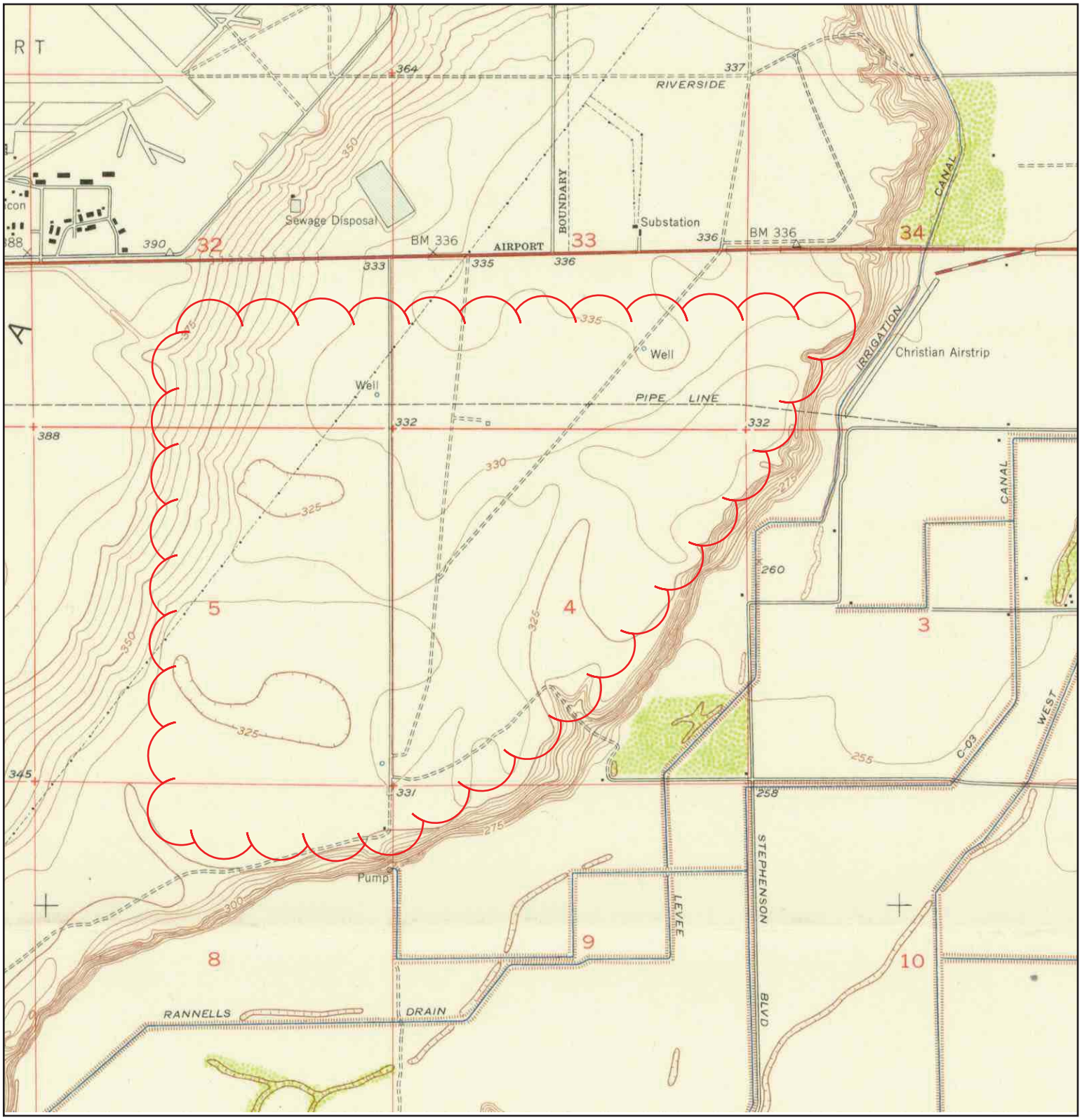


N	TARGET QUAD NAME: BLYTHE MAP YEAR: 1947 SERIES: 15 SCALE: 1:50000	SITE NAME: Cocopah Nurseries, Inc ADDRESS: Several Near I-10 and S Neighbors Blvd Blythe, CA 92225 LAT/LONG: 33.5975 / -114.6841	CLIENT: Kennedy/Jenks Consultants CONTACT: Valerie Zagnoli INQUIRY#: 3035163.1 RESEARCH DATE: 04/08/2011

Historical Topographic Map



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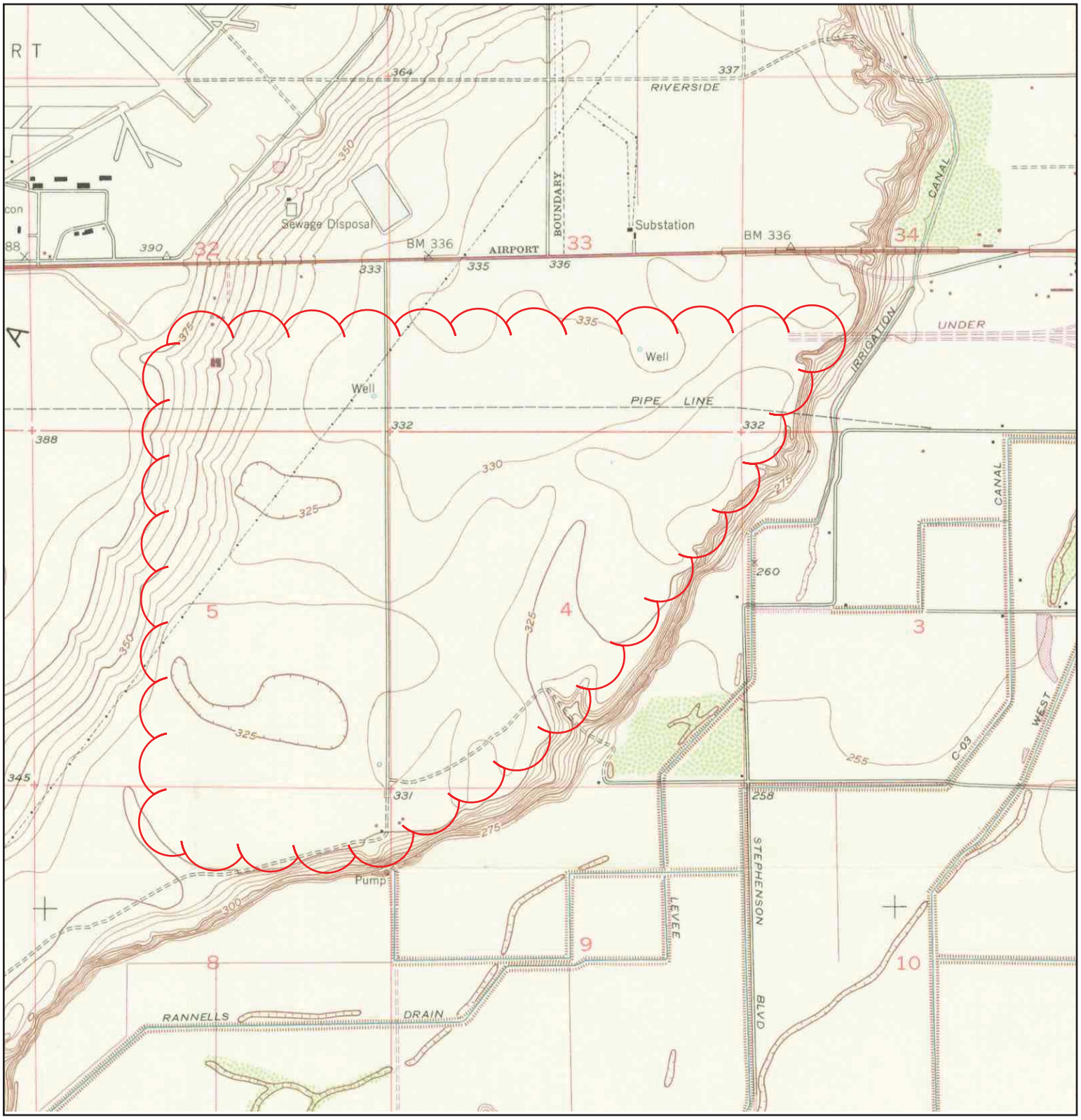

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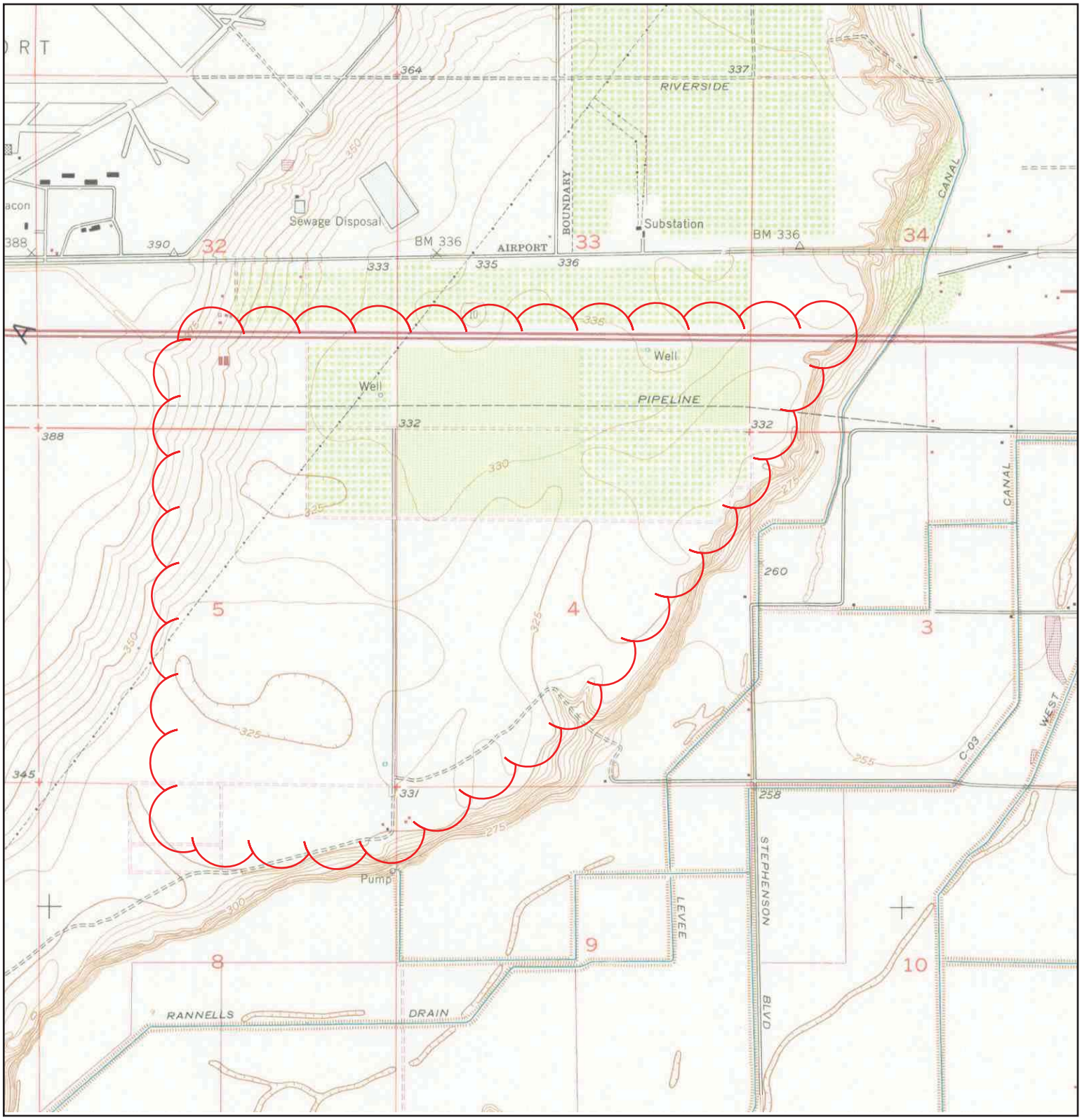

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Appendix E

Colorado River RWQCB Documentation

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

APR 26 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 7
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Closure Summary for the referenced site for you records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant a regulation contained in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721 (e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

File Ref: C SUNW 8.0

7T2225069

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION DATE: _____

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO: 7T2225069
FILE CODE NO: *UST C SUNW 8.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California Suite 240, Bakersfield, Ca 93309	(805)833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	Gasoline	Removed	Aug 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:*None*
PROPER SCREENED INTERVAL? YES [] NO [X]
HIGHEST GW DEPTH BELOW GROUND SURFACE: Reported at 90ft below grade
LOWEST DEPTH: Unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: *Municipal*
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: *Colorado river*

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	4400 @ 6'	N/A	N/A	N/A
Benzene	24			
Toluene	270			
Eythl-benzene	720			
Xylene	140			

COMMENTS (Dept of Remediation, etc):
Soil samples were taken to a depth of 35 ft and no TPHg or BTEX component were detected deeper then 6 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 8.0 , Tank No. 7.

IV. SUMMARY

ARE THE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN? YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

REGIONAL BOARD STAFF RESPONSE: No Further Action

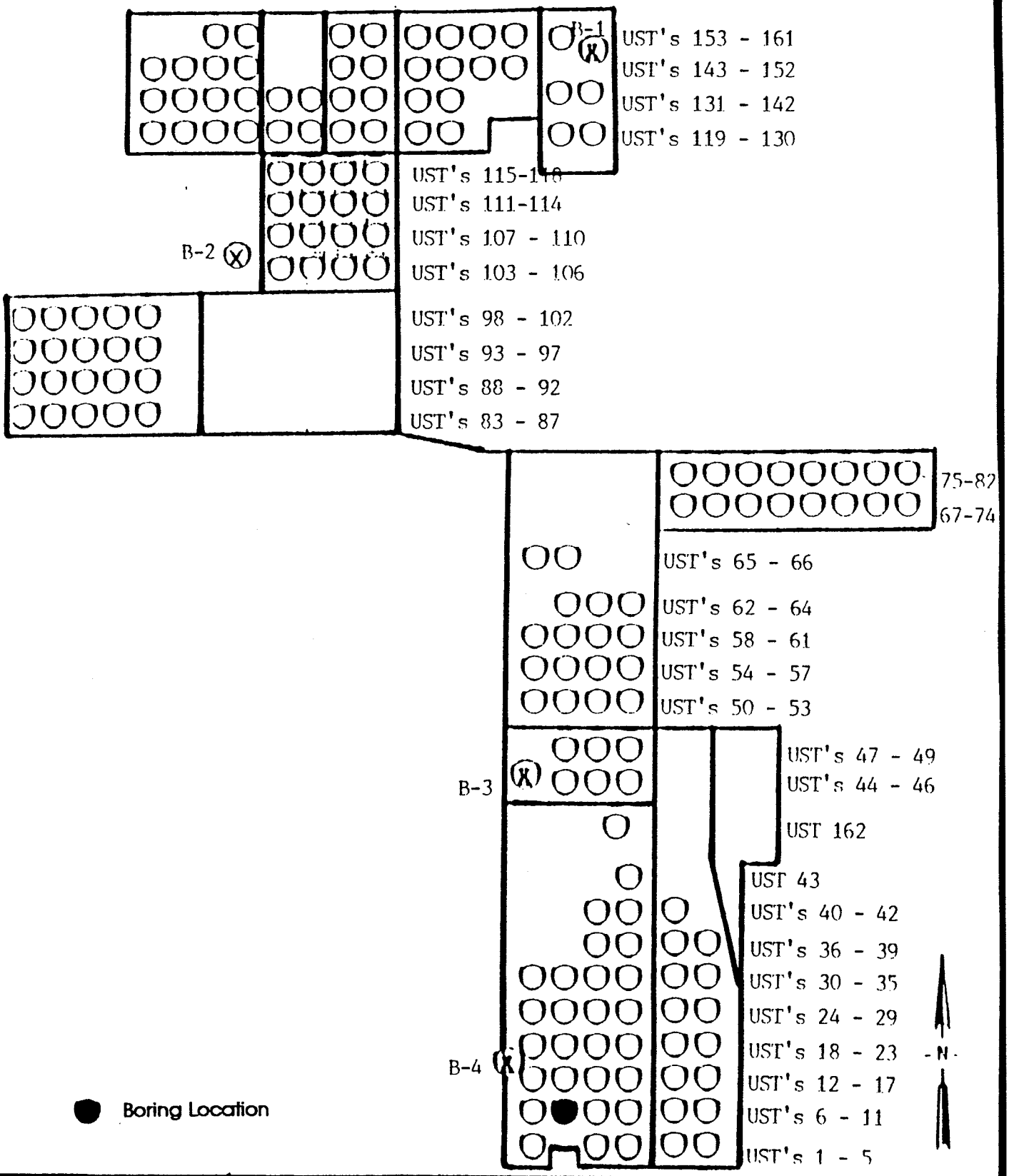
RWQCB STAFF NAME: Robert Tucker : Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Stephen Dennis for

DATE:

V. ADDITIONAL COMMENTS, DATA, ETC.

At 10 ft. no TPHg or BTEX detected
At 15 ft. no TPHg or BTEX detected
At 20 ft. no TPHg or BTEX detected
At 25 ft. no TPHg or BTEX detected
At 30 ft. no TPHg or BTEX detected
At 35 ft. no TPHg or BTEX detected



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40872
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #48-2-35-7
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

Paul Knupp
Sun World
P. O. Box 9110
Bakersfield, CA 93389

RE: UNDERGROUND STORAGE TANK (UST) CASE
CASE FILE NO. 7T2225066
Sun World # 11
15550 West Hobsonway
Blythe, CA 92225

Dear Mr. Knupp,

This letter confirms the completion of a site investigation and remedial action for the underground storage tank(s) formerly located at the above described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on the information on the above-referenced file, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank release is required.

This notice is issued pursuant to a regulation contained Section 2721(e) of Title 23 of the California Code of Regulations.

Please contact our office if you have any questions regarding this matter.

Sincerely,

Gary L. Mains

for PHIL GRUENBERG
Executive Officer

RT/jb

cc: Dave Deaner, CWP, SWRCB, Sacramento
Jonathan Buck, AEC, Bakersfield

File Ref: 7T2225066, UST C SUNW 5.0

RT

UNDERGROUND STORAGE TANK
CASE SUMMARY
(soil only)

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: April 18, 97	LUSTIS Case No. 7T2225066	Case Reviewer: Rob Tucker	
Site Name/ Address: Blythe lemon Ranch 15550 West Hobsonway Blythe, CA	Responsible Parties: Sun World	Address: Paul Knupp. P.O. Box 9110 Bakersfield CA 93389	Phone: 805 833-6460

I.CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	300	gasoline	Removed	91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: 1.5 mile away		
GW. highest depth: 90 Ft bgs	GW. lowest depth: unknown	Flow direction: Southeast
GW. impacted: Yes (No)	Maximum depth sampled: 40 Below grade	SW. impacted: Yes (No)

III. DOCUMENTED RESIDUAL CONTAMINANT CONCENTRATIONS (ND=not detected, NA -not analyzed)

Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil Lowest Conc.	Depth (ft)	Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)
TPH(gas)	1400	6'	ND	30	Ethyl-benzene	6.9	6'	ND	30
TPH (diesel)	—				Xylenes	178	6'	ND	35
Benzene	4.8	6'	ND	30	MTBE				
Toluene	14	6'	ND	30	Other				

IV. SHALLOW SOIL POLLUTION

Highest TPH concentration found above 10 feet below grade: 1400 mg/kg

IV. SOIL REMEDIATION

Method: N/A	Duration of remediation: None

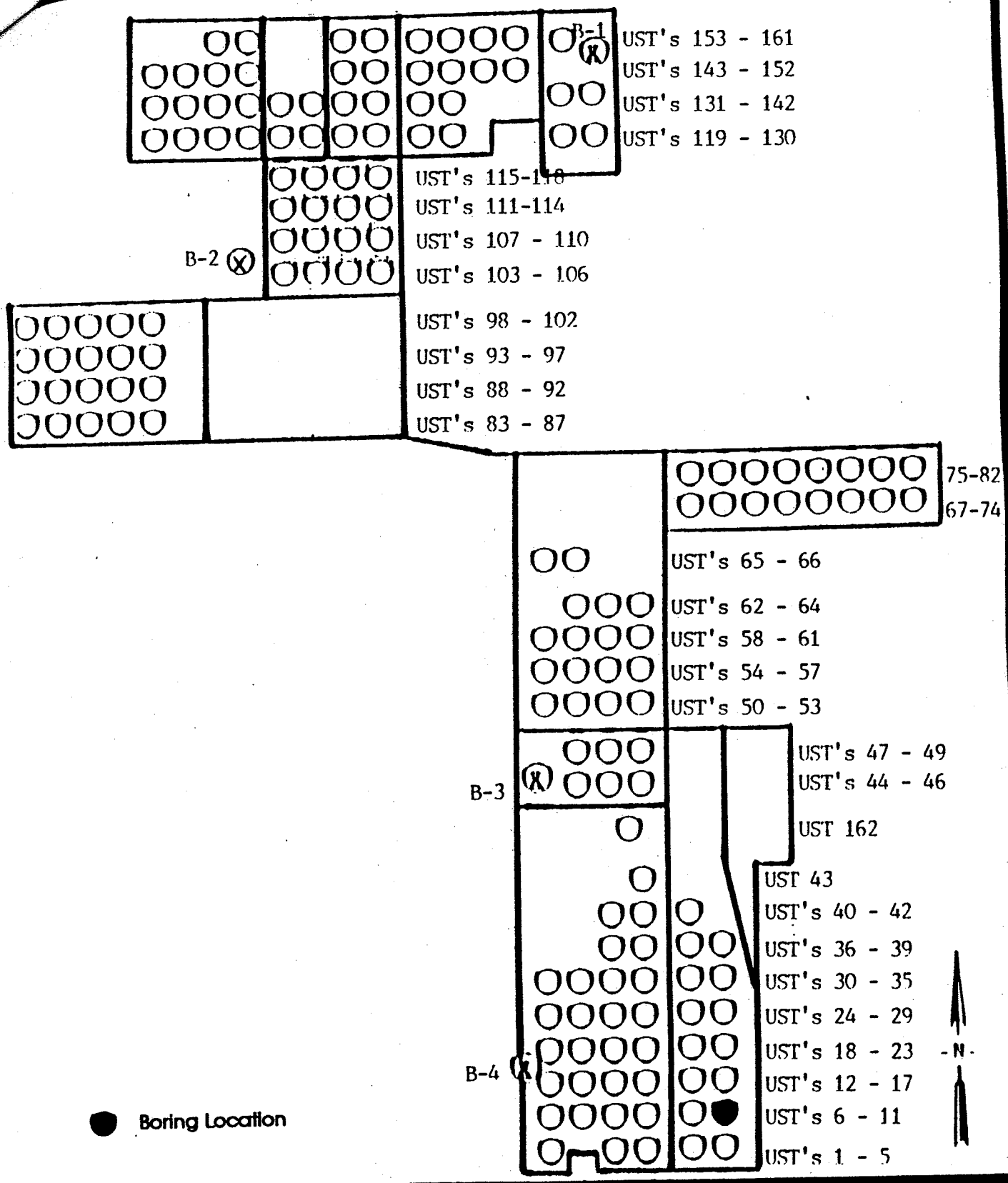
V. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue No Further Action letter

VI. COMMENTS

No soil pollution detected a greater than 30 Ft below grade. Most of the Pollution is in the top 6' Ft of Soil.

Windmachine (UST) 48-2-37-11
AKA 48-2-39-11



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

APR 2 ∪ 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 12
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Closure Summary for the referenced site for you records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721 (e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

PHIL GRUENBERG
Executive Officer

RT/jj

File Ref: C SUNW 4.0

7T22250 65

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION DATE: _____

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: Blythe Lemon Ranch
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO: 7T2225065
FILE CODE NO: *UST C SUNW 4.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California Suite 280, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	Gasoline	Removed	Date removed

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:*none*
PROPER SCREENED INTERVAL? YES [] NO [X]
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: *unknown* FLOW DIRECTION: *South East*

MOST SENSITIVE CURRENT GW USE: *Agriculture (minimal)*
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: *Colorado River*

REPORT(S) ON FILE? YES [X] NO []

RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm) BEFORE	SOIL (ppm) AFTER	WATER (ppm) BEFORE	WATER (ppm) AFgwR
TPHg	900 @ 20'	NS	N/A	N/A
Benzene	ND			
Toluene	ND			
Eythl-benzene	ND			
Xylene	ND			

COMMENTS (Dept of Remediation, etc):
Soil samples were taken to a depth of 35 ft and no TPHg or BTEX component were detected deeper then 30 ft below grade. Ground water is reported to be at 90ft below grade. This Case summary is for UST Case SUNW 4.0, Tank No. 12.

IV. SUMMARY

DOES COMPLETED CORRECTIVE ACTION PROTECT EXISTING BENEFICIAL USES PER THE REGIONAL BOARD BASIN PLAN? YES [] NO[X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

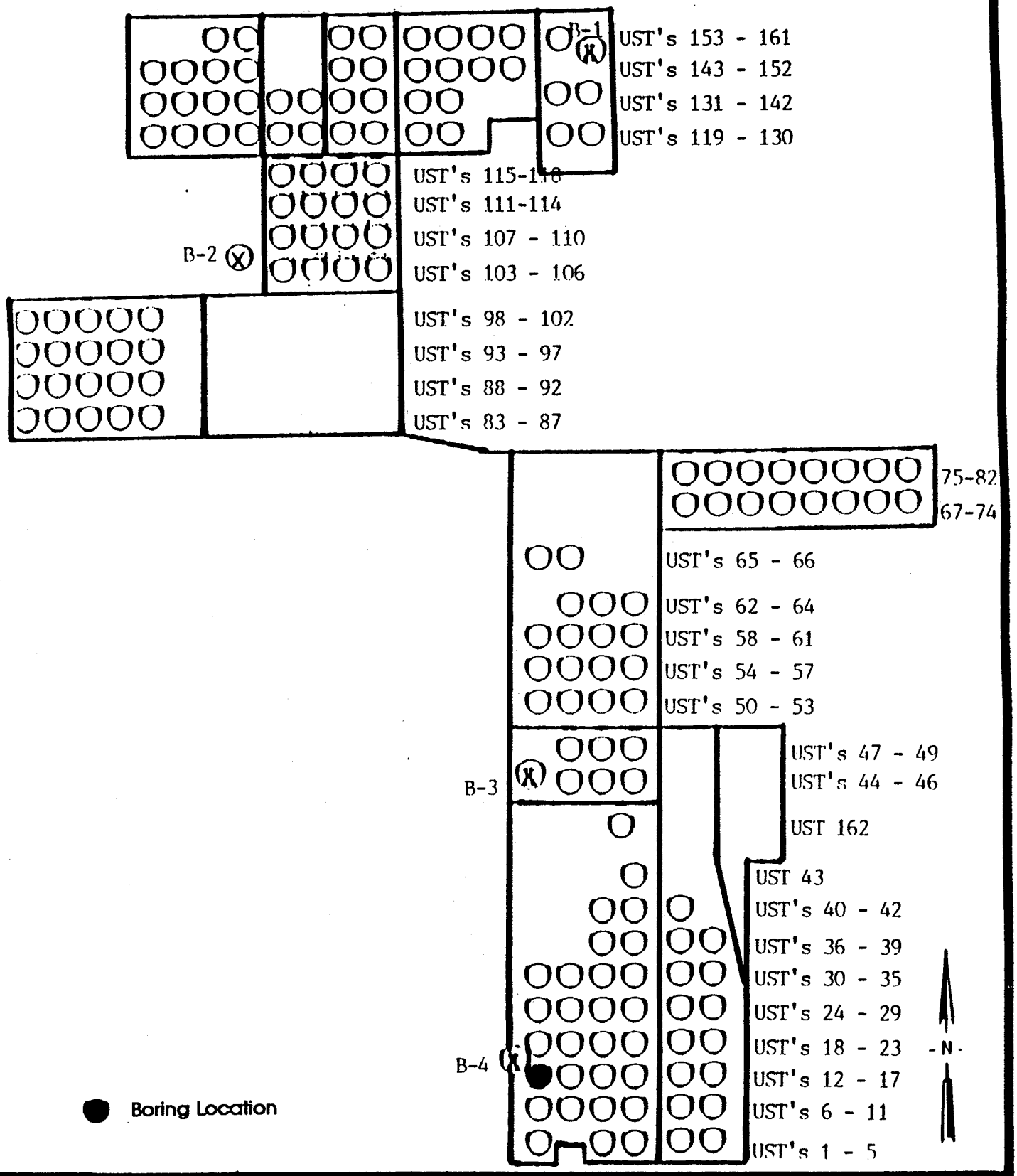
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Hail: Stephen Dearin for

V. ADDITIONAL COMMENTS, DATA, ETC.

At 25ft no BTEX component detected and TPHg was at 180ppm
At 30 ft no BTEX or TPHg detected
At 35 ft no BTEX or TPHg detected



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40872
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #48-2-12
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

MAY 14 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 13
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation contained in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield (w/attachments)

File Ref: Working (UST C SUNW C 3.0); 7T2225064

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 4/30/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225064
FILE CODE NO: *UST C SUNW 3.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unk FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg Benzene Toluene Ethyl-benzene Xylene	2500 @ 15' ND 1.5 4.6 50	N/A	N/A	N/A

COMMENTS (Dept of Remediation, etc):
Soil samples were taken to a depth of 40 ft and no TPHg or BTEX component were detected deeper then 25 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 3.0 , Tank No. 13.

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert L. Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Stephen Devereux for

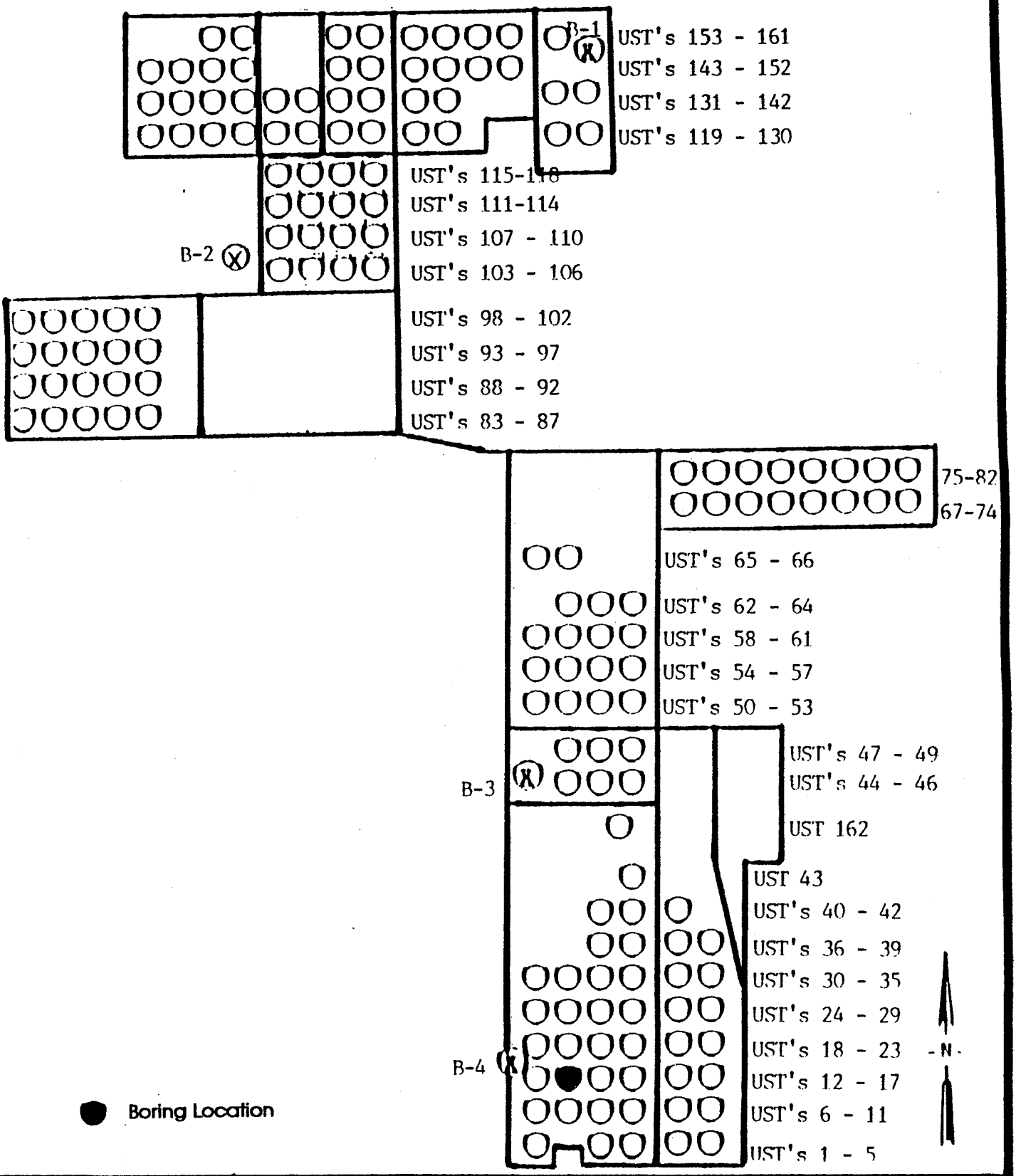
V. ADDITIONAL COMMENTS, DATA, ETC.

At 10 ft TPHg at 2100 mg/kg, Benzene not detected, Toluene, Xylenes Ethylbenzene detected.

At 15 ft TPHg at 2500mg/kg, Benzene not detected, Toluene, Xylenes Ethylbenzene detected.

At 20 ft TPHg at 10 mg/kg, Benzene not detected, only Xylenes detected

At 25 ft no TPHg or BTEX detected
At 30 ft no TPHg or BTEX detected



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #48-2-13
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 09 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 19
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: 7T2225068, UST C SUNW 7.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 7/31/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225068
FILE CODE NO: *UST C SUNW 7.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	3840 @15'	N/A	N/A	N/A
Benzene	ND			
Toluene	12 @10'			
Ethyl-benzene	35 @15'			
Xylene	501 @15'			

COMMENTS : *Soil samples were taken to a depth of 50 ft and no TPHg or BTEX component were detected deeper than 25 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 7.0 , Tank No. 19.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

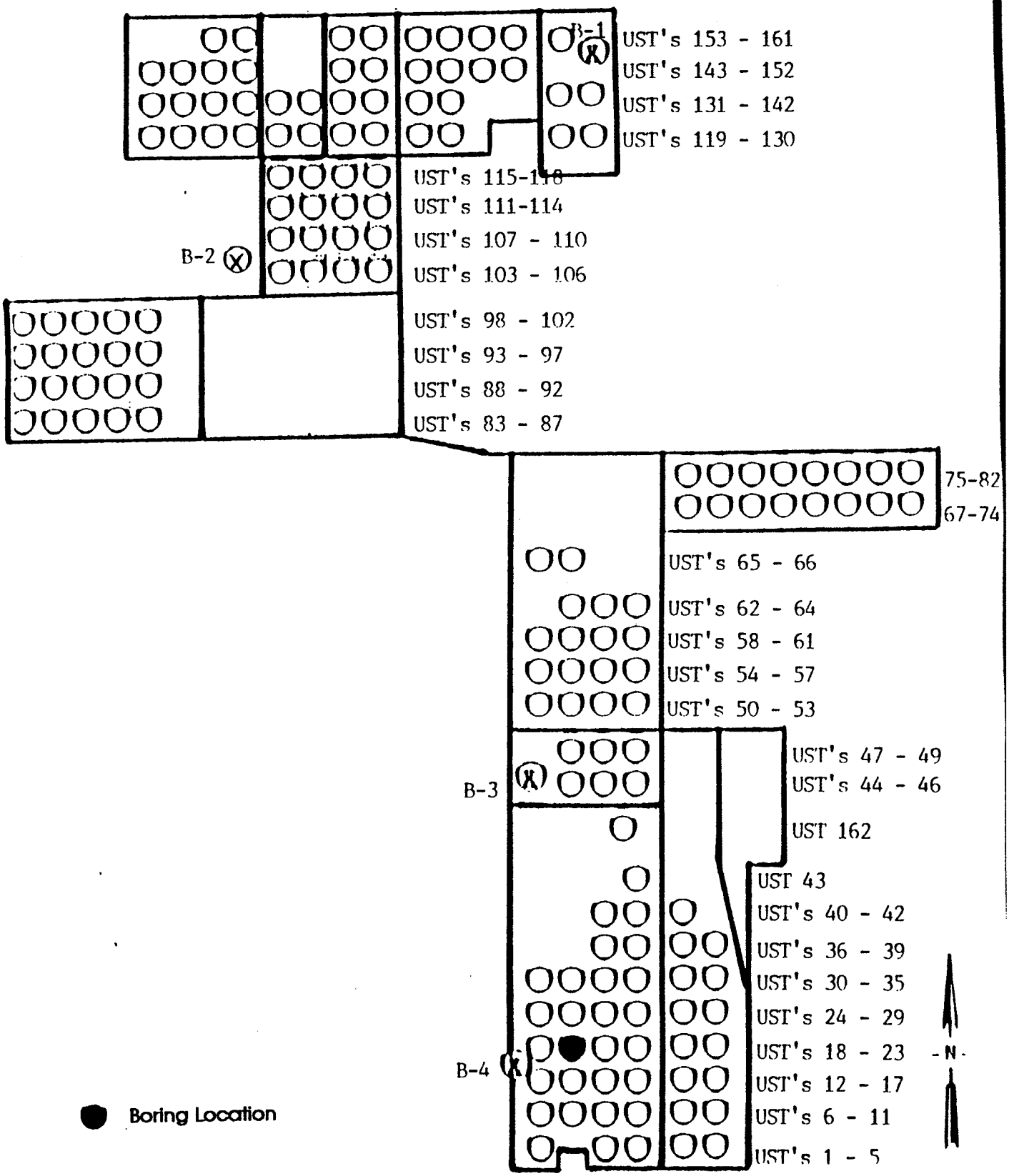
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 6	ND	ND	ND	ND	ND
At 10 ft	2780	ND	12	265	17
At 15 ft	3840	ND	4	501	35
At 20 ft	2910	ND	2.7	284	17
At 25 ft	ND	ND	ND	ND	ND
At 30 ft	ND	ND	ND	ND	ND
At 35 ft	ND	ND	ND	ND	ND
At 40 ft	ND	ND	ND	ND	ND
At 50 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #48-2-19
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

MAY 14 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 20
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation contained in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield (w/attachments)

File Ref: Working (UST C SUNW 2.0); 7T2225063

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 4/30/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO: 7T2225063
FILE CODE NO: *UST C SUNW 2.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unk FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	210 @ 6'	N/A	N/A	N/A
Benzene	ND			
Toluene	ND			
Ethyl-benzene	ND			
Xylene	5.52			

COMMENTS (Dept of Remediation, etc):
Soil samples were taken to a depth of 30 ft and no TPHg or BTEX component were detected deeper then 15 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 2 , Tank No. 20.

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert C. Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Stephen Devaine for

V. ADDITIONAL COMMENTS, DATA, ETC.

At 10 ft TPHg at 16 mg/kg, BTEX not detected.
At 15 ft no TPHg or BTEX detected
At 20 ft no TPHg or BTEX detected
At 25 ft no TPHg or BTEX detected
At 30 ft no TPHg or BTEX detected

ADVANCED ENVIRONMENTAL CONCEPTS INC

Advanced Environmental Concepts, Inc. is pleased to present the following:

Environmental Site Assessment

for

Sun Desert Lemon Ranch

Windmachine 48-2-24-20
15550 West Hobsonway
County of Riverside • Blythe, California

This report has been prepared for:

7T2225063

SUNW 2.0

Sun World, Inc.
Mr. Paul Knupp

Prepared: May, 1993

• ENVIRONMENTAL CONCEPTS WITH DESIGN IN MIND •

4400 ASHE ROAD, #206 • BAKERSFIELD, CA 93313 805/831-1646 • FAX 805/831-1771

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Appendices:

(A) Project Maps / Figures
(B) Boring Logs
(C) Laboratory Reports / Chain-of-Custody Documents

• ENVIRONMENTAL CONCEPTS WITH DESIGN IN MIND •
4400 ASHE ROAD. #206 • BAKERSFIELD. CA 93313 805/831-1646 • FAX 805/831-1771

1.0 INTRODUCTION

This report presents the results of a soil investigation conducted by **Advanced Environmental Concepts, Inc.** (AEC) to determine the extent of hydrocarbon-impacted soil resulting from the unauthorized discharge of gasoline fuel. The release was identified following the removal of windmachine tank #48-2-24-20, a 300-gallon, steel underground storage tank (UST) and its associated piping. The UST was located at the Sun Desert Lemon Ranch, 15550 West Hobsonway, Blythe, California, and is one of 162 windmachine USTs that were removed from the Sun Desert Lemon Ranch by Kern Environmental Services (KES) during July and August 1991 (**Appendix A, Figure 1**). The windmachine USTs are identified by Section number, windmachine number, and finally by the KES I.D. number that was assigned to each UST during removal.

This soil investigation was performed on May 4, 1993 in accordance with the work plan prepared by AEC and approved by the Riverside County Environmental Health Department (RCEHD). This assessment was authorized by Sun World, Inc. (Mr. Paul Knupp), and conducted under the direct supervision of Mr. Wayne Hoy, Hazardous Materials Specialist, RCEHD.

Contained in this report is background information regarding existing site characteristics, regional geologic and local hydrogeological profiles, and the project history. Also included in the following sections are the objectives and scope of investigation, detailed investigative procedures, and subsequent findings. Finally, AEC provides an evaluation of said findings and makes related conclusions and recommendations. The report appendices contain project maps and figures (**Appendix A**), soil boring logs (**Appendix B**), and laboratory reports/chain-of-custody documents (**Appendix C**).

2.0 BACKGROUND

From July 9 to August 8, 1991, Sun World, Inc. contracted Kern Environmental Services to perform the excavation, transportation, and disposal of one-hundred sixty two (162) 300-gallon gasoline USTs from the Sun Desert Lemon Ranch (refer to AEC's Tank Closure Report). Soil samples were collected from native soil at vertical depths of approximately 2 feet and 6 feet beneath the bottom center of the removed USTs. The samples from approximately half of the removed tanks exhibited hydrocarbon concentrations in excess of Riverside County guidelines, prompting an agency request for further assessment at those particular windmachine sites on the subject property.

The following are laboratory analyses from windmachine #20 as identified by KES. The results of the laboratory analyses for total petroleum hydrocarbons as gasoline (TPH-g) and volatile aromatics (BTXE) are reported in milligrams per kilograms (mg/kg) which are equivalent to parts per million.

Sample I.D.	TPH-g DHS 5030	Benzene EPA 8020	Toluene EPA 8020	Xylenes, Total EPA 8020	Ethylbenzene EPA 8020
20-2'	ND	ND	ND	ND	ND
24-6'	210	ND	ND	5.52	ND
Detection Limit (mg/kg)	1.0	0.005	0.005	0.005	0.005

ND: Not detected at the indicated level of detection
TPH-g: Total Petroleum Hydrocarbons as gasoline

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3.0 SITE CHARACTERISTICS

The following sections summarize the project site features and conditions along with regional and local geological and hydrological characteristics.

3.1 Site Description

The Sun Desert Lemon Ranch is located on approximately 1600 acres at an average elevation of 375 feet above mean sea level. The Ranch is located on the north side of West Hobsonway, and is also north and east of the Blythe Municipal Airport. The site comprises all or portions of Sections 15, 16, 17, 18, 22, 23, 27, 28, and 35 in T6S, R22E, San Bernardino Baseline and Meridian as shown on the McCoy Wash USGS Quadrangle.

The Sun Desert Lemon Ranch is on the Palo Verde Mesa which is separated from the Palo Verde Valley by an abrupt bluff approximately 75 to 125 feet high. Prior to the planting of citrus in 1971, the Palo Verde Mesa was open range land consisting of indigenous desert shrubs and grasses. Flood irrigation from wells is the current source of water for the citrus, however, a drip irrigation system will be installed on the Ranch in the immediate future.

The City of Blythe is approximately 7 miles east of the site. Agriculture is the primary industry, and high-value row crops consisting of lettuce, tomatoes, squash, onions, melons, and alfalfa are extensively grown.

3.2 Regional Geology

The subject property is located in the Palo Verde Area, consisting of approximately 154,000-acres in the extreme southeastern portion of Riverside County and the northeastern part of Imperial County. The soils of the study area are derived from the upper watershed of the Colorado River which were then deposited, eroded and reworked during seasonal flood stages. The Palo Verde Mesa is an older terrace which represents the level at which the tributaries of the Colorado River originally flowed. The Palo Verde Valley, or lower terrace is more recent. In the general vicinity, the Colorado River is bordered from north to south by the Maria, McCoy, Mule, and Palo Verde mountain ranges. The Maria Range to the immediate north of the lemon ranch consists of granitic rock and pre-Cenozoic metasedimentary and metavolcanic rock comprised of quartzite, phyllites, marbles, and schist. The McCoy Range to the west is composed primarily of Cretaceous sandstone and conglomerate.

The McCoy Wash bisects the lemon ranch and is the largest local tributary averaging 19-miles in length. Storm runoff is the only surface water which flows through the wash.

3.3 Local Geology

The property is located on fluvial sediments transported and deposited during flood stages of the Colorado River. The site is situated in a low- to moderate-energy floodplain environment consisting of weakly-consolidated to unconsolidated, poorly-bedded gravels, sands and silts.

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3.4 Hydrogeology

Ground and surface water in the Blythe area is regulated by the Colorado Regional Water Quality Control Board. The piezometric groundwater surface in unconfined and equivalent irrigation wells is estimated at 90 feet below grade level (BGL). Perched water has been reported on the valley floor at approximately 10 feet BGL, or approximately 100 feet below surface grade of the Palo Verde Mesa.

4.0 ASSESSMENT ACTIVITIES

4.1 Decontamination Procedures

Prior to initiating drilling operations, the augers and associated drilling equipment were thoroughly cleaned using a high-pressure steam-cleaner. In addition, the soil samplers were washed in an Alconox solution and double-rinsed in clean, deionized water prior to initial use and between each sampling interval to minimize the possibility of cross-contamination between samples.

4.2 Soil Borings

On May 4, 1993 one soil boring (48-2-24-20) was drilled at the former windmachine UST and positioned to evaluate the vertical migration of gasoline-range hydrocarbons in the subsurface (**Appendix A, Figure 2**). The boring was advanced using a truck-mounted Mobile B-61 drill rig, equipped with 8-inch O.D., continuous-flight, hollow-stem augers.

Boring B-1 was drilled through the estimated center of the removed gasoline UST and was positioned to evaluate the vertical extent of hydrocarbon migration.

Soil samples were collected at 5 foot intervals in B-1, commencing at 10 feet BGL. Samples were collected by driving a thin-walled steel sampler, equipped with three 1.5-inch x 6-inch brass sleeves a minimum of 18 inches into previously undisturbed soil. The sampler was driven ahead of the augers using a 140-lb. slide hammer with a 30-inch vertical fall.

Following each sample drive, the sampler was withdrawn from the borehole and the three brass sleeves were removed. The bottom sleeve was retained for laboratory analysis and prepared by placing Teflon tape and plastic caps over each end, then securing the caps with duct tape. The samples were labeled, placed in sealable plastic bags, recorded on a chain-of-custody document and placed in an ice chest cooled with dry ice. Soil exposed at each end of the center brass sleeve (and the cuttings) were examined for lithology and for any obvious evidence of hydrocarbons. Lithologic descriptions (**Appendix B**) were logged according to the Unified Soils Classification System (USCS). Chain-of-custody protocol was strictly followed to ensure sample integrity and traceability. Upon completion of the above-described procedures, the boring was plugged with hydrated bentonite.

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5.0 ANALYTICAL RESULTS

Soil sample analyses were performed by Associated Laboratories, Inc., a California-Certified laboratory in Orange, to determine the presence and concentration levels of total petroleum hydrocarbons as gasoline (TPH-g) and volatile aromatics (BTXE) by CA DHS and EPA method 8020. The analytical results are tabulated below and the laboratory reports are provided in **Appendix C.** Units are in milligrams per kilogram (mg/kg) which are equivalent to parts per million (ppm). AEC has abbreviated laboratory samples 48-2-24-20B1 to 20B1.

Sample I.D.	TPH-g DHS 5030	Benzene EPA 8020	Toluene EPA 8020	Xylenes, Total EPA 8020	Ethylbenzene EPA 8020
20B1 @ 10'	16	ND	ND	ND	ND
20B1 @ 15'	ND	ND	ND	ND	ND
20B1 @ 20'	ND	ND	ND	ND	ND
20B1 @ 25'	ND	ND	ND	ND	ND
20B1 @ 30'	ND	ND	ND	ND	ND
Detection Limit (mg/kg)	1.0	0.005	0.005	0.005	0.005

ND: Not detected at the indicated limit of detection

6.0 FEASIBILITY STUDY

6.1 Soils Profile

The soil profile at the southern portion of the Sun Desert Lemon Ranch consists of fine to coarse-grained sands and gravels containing lenticular deposits of silt and clay to a total drilled depth of 50 feet BGL. The sands (SP-SW) are commonly tan to reddish-brown, slightly to moderately dense, unconsolidated, and slightly to moderately moist. The clay (CL) is commonly reddish-brown, moderately stiff, slightly plastic, and non to slightly moist.

The sediments are typical of low to high energy desert fluvial deposits subjected to periodic reworking during flood stages. The strata were loosely compacted due to the shallow depth of burial and recent deposition.

6.2 Extent of Hydrocarbon Migration

Boring B-1 was positioned to evaluate the vertical migration of gasoline-range hydrocarbons proximal to the UST. B-1 was drilled through the estimated center of the hydrocarbon plume. Backfill material was encountered to a depth of 10 feet BGL.

6.3 Remediation Alternatives

Advanced Environmental Concepts, Inc. recommends the following three remediation alternatives for treatment of the hydrocarbon contamination located at windmachine #48-2-24-20 on the Sun Desert Lemon Ranch:

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1) No-action alternative;
2) Excavation and landfill disposal, or
3). Vapor extraction.

Alternative #1: The no-action remediation alternative involves leaving in place, the soils that exhibit hydrocarbon levels in excess of RAL, then capping the contaminated area with a relatively impermeable layer of asphalt or concrete. This alternative would require approval of the Riverside County Environmental Health Department.

To be eligible for this remediation alternative, the site location must satisfy specific parameters associated with depth to groundwater, site geology and contaminant concentration levels. It is possible that the Sun Desert Lemon Ranch will be eligible for this alternative in that the site satisfies the following criteria based upon the "Leaching Potential Analysis-gasoline" as outlined in the LUFT Manual:

(a)	Groundwater depth is estimated at 100-feet BGL	(10 points)
(b)	No discernible fractures	(10 points)
(c)	Average annual precipitation is less the 10-inches (5.72)	(10 points)
(d)	No available man-made conduits	(10 points)
(e)	Coarse grained soil	(9 points)

There is a total of 49 points scored which correlates to the following maximum allowable levels of gasoline-range hydrocarbons that can be left in place; 1,000-ppm and 1/50/50/50 for TPH and BTXE constituents, respectively. The hydrocarbon concentration levels found at the subject site do not exceed these limits.

Alternative #2: The excavation and landfill disposal alternative involves excavation of the impacted soil, transport, and disposal at an appropriate waste facility. The drawback with this alternative is the continuing liability for the gasoline contaminated soil in the landfill.

Alternative #3: Vapor extraction involves manifolding a vadose zone extraction well to a regenerative blower or internal combustion engine capable of creating a vacuum that would extract the hydrocarbon vapors from the soil. These vapors can either be destroyed through combustion and/or adsorbed with granulated activated carbon. The vapor extraction well is constructed of 2-inch diameter, flush-threaded, schedule 40 PVC casing with the 0.040 screened interval positioned between 15 feet and 5 feet below grade level. The annular space around the screened interval would be packed with aquarium grade sand. The drawback with this option is a relatively high cost due to the lack of accessible utilities.

7.0 CONCLUSIONS

On the basis of our investigation, AEC presents the following conclusions:

a) The soil profile at the subject site generally consists of interbedded fine to coarse sands and silts to the total drilled depth of 50-feet. The lithology suggests minimal lateral migration of the hydrocarbons.

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b) The vertical extent of the gasoline migration appears to end at 10 feet BGL. The lateral migration is apparently confined to the horizontal limits of the former UST location.

c) The soils containing elevated levels of TPH and BTXE are separated from the uppermost groundwater surface by approximately 90-feet.

d) It is unlikely that groundwater is currently threatened by this unauthorized release.

8.0 RECOMMENDATIONS

Based upon the elevated levels of gasoline-range hydrocarbons found in the soil proximal to the former underground storage tank location and the current depth to groundwater, **Advanced Environmental Concepts, Inc.** recommends that Sun Desert Lemon Ranch implement the vapor extraction alternative for windmachine #48-2-24-20.

Please note that this is a preliminary recommendation. Upon completion of the drilling phase of all hydrocarbon-impacted sites, AEC will present recommendations that will be best suited for the entire Lemon Ranch. Parameters that will be reviewed prior to a final recommendation include depth to contamination, concentrations of TPH-g and benzene, volume of impacted soil, and regulatory requirements.

9.0 LIMITATIONS

This work has been performed in accordance with generally accepted environmental science and engineering practices. The soil samples for this project were obtained on a finite grid as directed by the on-site regulatory agency representative, hence the analytical results are indicative of discrete samples and are not meant to be misconstrued or representative of unsampled subsurface areas. Conclusions and recommendations are based upon information collected and compiled during this investigation. No other warranty, expressed or implied, is given.

- -

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10.0 CLOSING

Advanced Environmental Concepts, Inc. appreciates the opportunity to be of service to Sun World, Inc. on this project. If there should be any questions or additional information required regarding this report, please do not hesitate to contact our office at (805) 831-1646.

This Environmental Site Assessment has been prepared by:

Advanced Environmental Concepts, Inc.

Jonathan L. Buck
Project Hydrogeologist
Registered Environmental Assessor #1508

REGISTERED ENVIRONMENTAL ASSESSOR
JONATHAN L. BUCK
No. 01508
Expires: 6-30-94
STATE OF CALIFORNIA

This Environmental Site Assessment has been conducted under my direct supervision:

Joseph A. Dunwoody III
Registered Geologist #5504

REGISTERED GEOLOGIST
JOSEPH A. DUNWOODY III
5504
STATE OF CALIFORNIA

Blythe/Lemon93

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"Appendix A"

PROJECT MAPS / FIGURES

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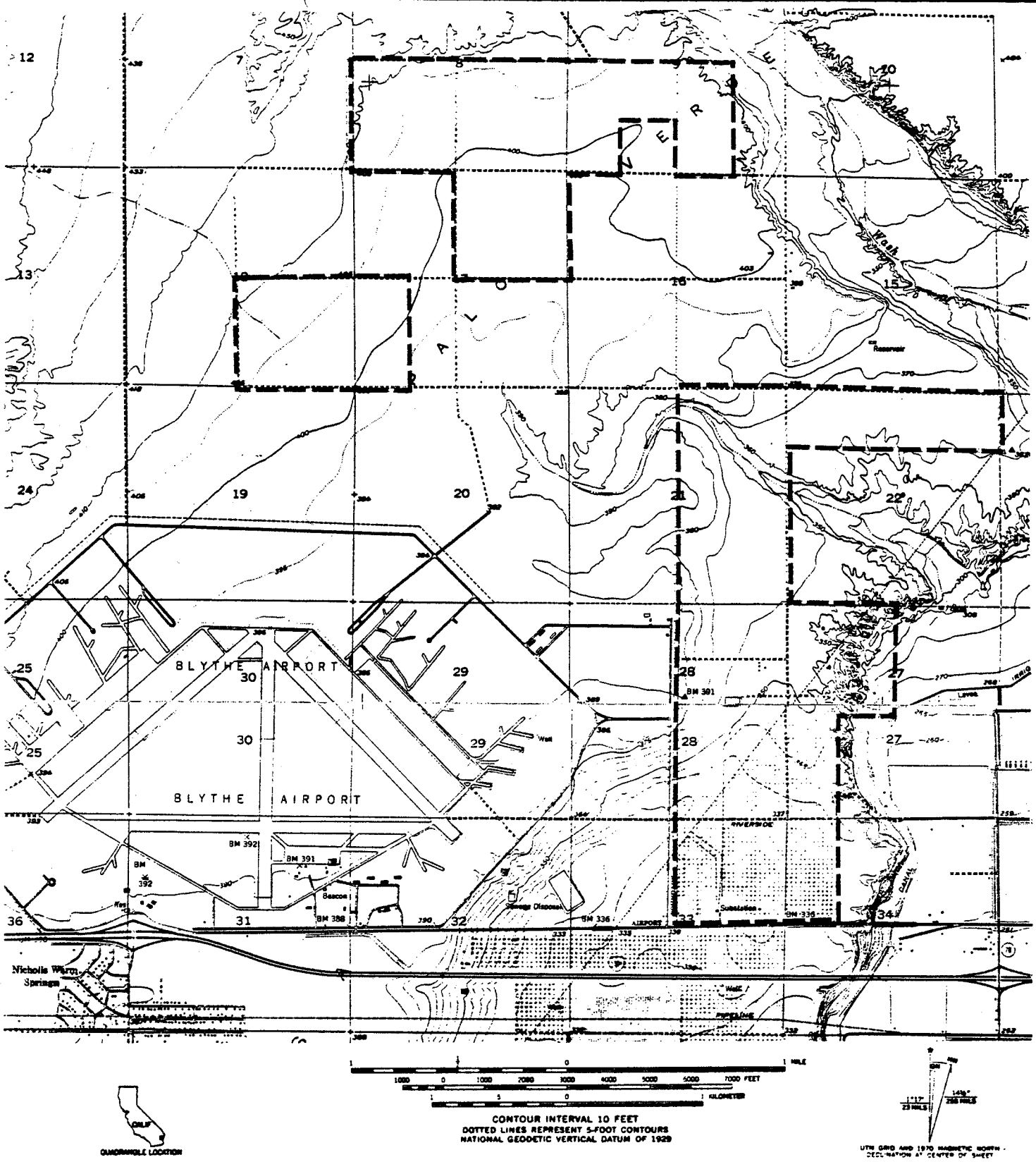

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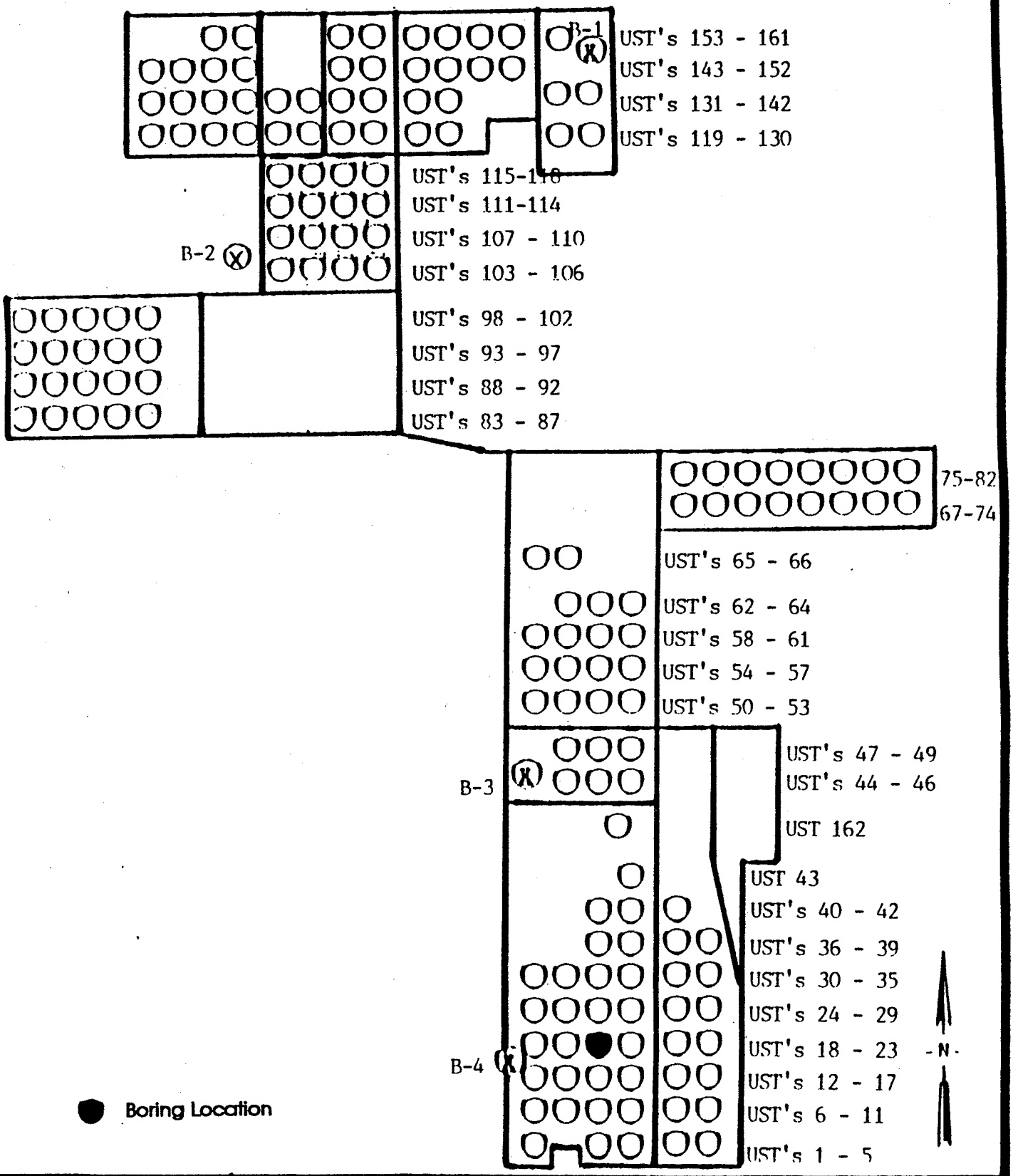
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Location Map -

Sun Desert Lemon Ranch
County of Riverside • Blythe, California

FIGURE
1



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P.O. BOX 40672
BAKERSFIELD, CA 93384

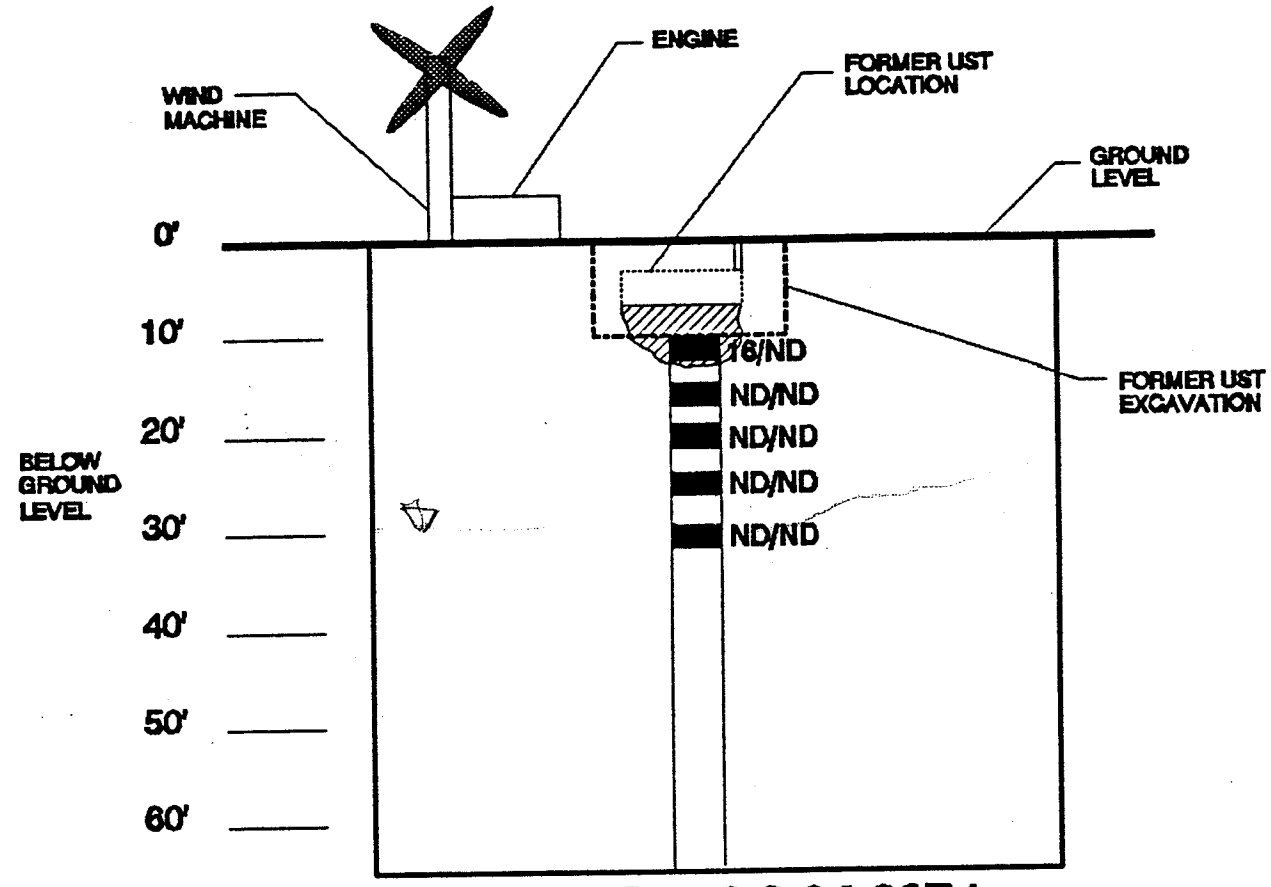
- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2



BORING-ID: 48-2-24-20B1
(NTS)

SAMPLE POINT

16 / ND = TPH-g / Benzene

APPROXIMATE LIMITS OF HYDROCARBON PLUME

ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40872
BAKERSFIELD, CA 93384

- CROSS SECTION -

SUN DESERT LEMON RANCH
15550 West Hobsonway
Blythe, California

FIGURE

3

"Appendix B"

BORING LOGS

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WELL CONSTRUCTION	PID	Blow Count	Depth (feet)	Sample Interval	Sample Number	USCS Design	SOIL DESCRIPTION
			1				
			2				
			3				
			4				
			5				
			6				
			7				
			8				
			9				
	> 2500	15 21	10	■			SAND (SW): fine grained, gravelly, poorly sorted, lt. tan, loose, damp, strong hydrocarbon odor,
			11				
			12				
			13				
			14				
	1000	8 14	15	■			SAND (SP): medium grained, well sort no gravel, no fines, lt. tan, loose damp, strong hydrocarbon odor.
			16				
			17				
			18				
			19				
	20	7 13	20	■			SAND (SW): Medium to fine grained, gravelly, poorly sorted, lt. tan, loose, damp, no hydrocarbon odor.
			21				
			22				
			23				
			24				
	20	14	25	■			SAND (SP): fine to med. grained, well sorted, lt. tan, loose, damp, no hydrocarbon odor.

Water Encountered: _____ feet
Total Depth: 30 feet
Date Drilled: 05/03/93

Logged By: D. Palmer
Supervised By: J. Dunwoody
Diameter of Boring: 8" inches

Advanced Environmental Concepts, Inc.
4100 Ashe Road #206
Bakersfield, California 93313

NAME: Sun Desert Lemon Ranch
SITE: 15550 West Hobsonway
Blythe, CA

PLATE
48-2-24-20-B1
Page 1 of 2

Log of Boring

WELL CONSTRUCTION	PID	Blow Count	Depth (feet)	Sample Interval	Sample Number	USCS Design	SOIL DESCRIPTION
			26				
			27				
			28				
			29				
		16					SAND (SP): very fine to fine grained,
	10	25	30				well sorted, lt. tan, loose, damp,
							no hydrocarbon odor.
			31				
			32				
			33				
			34				
			35				
			36				
			37				
			38				
			39				
			40				
			41				
			42				
			43				
			44				
			45				
			46				
			47				
			48				
			49				
			50				

Water Encountered: _____ feet
Total Depth: 30 feet
Date Drilled: 05/03/93

Logged By: D. Palmer
Supervised By: J. Dunwoody
Diameter of Boring: 8" inches

Advanced Environmental Concepts, Inc.
4400 Ashe Road #206
Bakersfield, California 93313

NAME: Sun Desert Lemon Ranch
SITE: 15550 West Hobsonway
Blythe, CA

Log of Boring

PLATE
48-2-24-20-B1
Page 2 of 2

"Appendix C"

LABORATORY REPORTS / CHAIN-OF-CUSTODY DOCUMENTS

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ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92668 - 714/771-6900
FAX 714/538-1209

CLIENT

Advanced Environmental Concept (4283)
Attn: Jon Buck
4400 Ashe Road
Suite #206
Bakersfield, CA 93313

LAB NO. G52668-01

REPORTED 05/18/93

RECEIVED 05/05/93

SAMPLE Soil

IDENTIFICATION Windmachine - Project #48-2-24
Sun Desert Lemon Ranch
15550 Hobson Way, Blythe, CA

BASED ON SAMPLE As Submitted

	20BLE-10'	20BLE-15'	20BLE-20'
Total Hydrocarbons (TPH DHS) (mg/kg)	16	ND< 5	ND< 5
Benzene (mg/kg)	ND< 0.005	ND< 0.005	ND< 0.005
Toluene (mg/kg)	ND< 0.005	ND< 0.005	ND< 0.005
Ethylbenzene (mg/kg)	ND< 0.005	ND< 0.005	ND< 0.005
Total Xylenes (8020) (mg/kg)	ND< 0.015	ND< 0.015	ND< 0.015

Date Analyzed: 05/13/93

ASSOCIATED LABORATORIES, by:

Edward S. Behare, Ph.D.
Vice President

ESB/ql

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

TESTING & CONSULTING
Chemical •
Microbiological •
Environmental •

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ASSOCIATED LABORATORIES
806 North Batavia - Orange, California 92668 - 714/771-6900
FAX 714/538-1209

CLIENT

Advanced Environmental Concept (4283)
Attn: Jon Buck
4400 Ashe Road
Suite #206
Bakersfield, CA 93313

LAB NO. G52668-0?

REPORTED 05/18/93

RECEIVED 05/05/93

SAMPLE Soil

IDENTIFICATION Windmachine - Project #48-2-24
Sun Desert Lemon Ranch
15550 Hobson Way, Blythe, CA

BASED ON SAMPLE As Submitted

	20BLE-25'	20BLE-30'
Total Hydrocarbons (TPH DHS) (mg/kg)	ND< 5	ND< 5
Benzene (mg/kg)	ND< 0.005	ND< 0.005
Toluene (mg/kg)	ND< 0.005	ND< 0.005
Ethylbenzene (mg/kg)	ND< 0.005	ND< 0.005
Total Xylenes (8020) (mg/kg)	ND< 0.015	ND< 0.015

Date Analyzed: 05/13/93

ASSOCIATED LABORATORIES, by:

Edward S. Behare, Ph.D.
Vice President

ESB/ql

NOTE: Unless notified in writing, all samples will be discarded by appropriate disposal protocol 30 days from date reported.

ASSOCIATED LABORATORIES

" COMMITMENT TO QUALITY "

QUALITY CONTROL /QUALITY ASSURANCE REPORT G52668

QA/QC CONTROL NO. G52668-5 INSTRUMENT LOGBOOK Star #2-2

DATE G52668-5 ANALYZED May 13 1993 I.L.B. PAGE LOCATION 16

DATE G52668 ANALYZED May 13 1993 SAMPLE LOG PAGE LOCATION

EPA 8020 REPORTING UNITS mg/kg SAMPLE MATRIX soil

COMPOUND	SR	SR1	RPD	S.A.	SSR	SSR1	%RE	%RE1	RPD	BLK
BENZENE	0	0	0	0.05	0.049	0.047	98	94	4	0
TOLUENE	0	0	0	0.05	0.048	0.046	96	92	4	0
ETHYLBENZENE	0	0	0	0.05	0.043	0.042	86	84	2	0
XYLENES	0	0	0	0.15	0.135	0.138	90	92	2	0
CHLOROBENZENE										
1,2-DICHLOROBENZENE										
1,3-DICHLOROBENZENE										
1,4-DICHLOROBENZENE										
AVERAGE			0				92	90	3	

SR------- SAMPLE
SR1----- SAMPLE DUPLICATE
RPD---- RELATIVE PERCENT DIFFERENCE
S.A.---- ANALYTE SPIKE IN SAMPLE MATRIX
SSR----- SPIKE RECOVERED AND SAMPLE 'SR'
SSR1---- SPIKE RECOVERED AND SAMPLE 'SR1'
%RE---- PERCENT RECOVERY OF SPIKE IN 'SR'
%RE1--- PERCENT RECOVERY OF SPIKE IN 'SR1'
BLK----- ANALYTE CONCENTRATION DETECTED IN LAB BLANK
99%----- UPPER/LOWER CONTROL LIMIT
95%----- UPPER/LOWER WARNING LIMIT
s--------- STANDARD DEVIATION
2s-------- 2 x STANDARD DEVIATION (WARNING LIMIT)
3s-------- 3 x STANDARD DEVIATION (CONTROL LIMIT)
MEAN-- TIME WEIGHTED AVERAGE OF SPIKE RECOVERY

SURROGATE SPIKE DATE
BENZENYL FLUORIDE SPIKE CONCENTRATION OF 150 ng
WITH A RECOVERY OF 99 %
BENZENYL FLUORIDE RECOVERY LIMITS OF81 % TO 129 %

PASS / NO PASS pass DATE TYPED May 18 1993 A133201

ACTION TAKEN

SPIKE SOURCE EPA Repository Dil. STANDARD LOT NO. BTX 40893

ANALYST Roy Martinez QA / QC COMPILER

ASSOCIATED LABORATORIES

" COMMITMENT TO QUALITY "

QUALITY CONTROL /QUALITY ASSURANCE REPORT G52668

QA/QC CONTROL NO. G52665-7 INSTRUMENT LOGBOOK Hyd 1-5

DATE G52665-7 ANALYZED May 13 1993 I.L.B. PAGE LOCATION 38

DATE G52668 ANALYZED May 13 1993 SAMPLE LOG PAGE LOCATION

EPA 8020 REPORTING UNITS ug/kg SAMPLE MATRIX soil

COMPOUND	SR	SR1	RPD	S.A.	SSR	SSR1	%RE	%RE1	RPD	BLK
BENZENE	0	0	0	0.05	0.045	0.046	90	92	8	0
TOLUENE	0	0	0	0.05	0.051	0.049	102	98	4	0
ETHYLBENZENE	0	0	0	0.05	0.045	0.045	90	90	0	0
XYLENES	0	0	0	0.15	0.16	0.155	106	103	3	0
CHLOROBENZENE										
1,2-DICHLOROBENZENE										
1,3-DICHLOROBENZENE										
1,4-DICHLOROBENZENE										
AVERAGE			0				97	96	4	

SR------- SAMPLE
SR1----- SAMPLE DUPLICATE
RPD---- RELATIVE PERCENT DIFFERENCE
S.A.---- ANALYTE SPIKE IN SAMPLE MATRIX
SSR----- SPIKE RECOVERED AND SAMPLE 'SR'
SSR1---- SPIKE RECOVERED AND SAMPLE 'SR1'
%RE---- PERCENT RECOVERY OF SPIKE IN 'SR'
%RE1--- PERCENT RECOVERY OF SPIKE IN 'SR1'
BLK----- ANALYTE CONCENTRATION DETECTED IN LAB BLANK
99%----- UPPER/LOWER CONTROL LIMIT
95%----- UPPER/LOWER WARNING LIMIT
s--------- STANDARD DEVIATION
2s-------- 2 x STANDARD DEVIATION (WARNING LIMIT)
3s-------- 3 x STANDARD DEVIATION (CONTROL LIMIT)
MEAN-- TIME WEIGHTED AVERAGE OF SPIKE RECOVERY

SURROGATE SPIKE DATE
BENZENYL FLUORIDE SPIKE CONCENTRATION OF 150 ng
WITH A RECOVERY OF 101 %
BENZENYL FLUORIDE RECOVERY LIMITS OF81 % TO 129 %

PASS / NO PASS pass DATE TYPED May 18 1993 A133201

ACTION TAKEN

SPIKE SOURCE EPA Repository Dil. STANDARD LOT NO. BTX 40893

ANALYST Roy Martinez QA / QC COMPILER

ASSOCIATED LABORATORIES

" COMMITMENT TO QUALITY "

QUALITY CONTROL /QUALITY ASSURANCE REPORT G52668

QA/QC CONTROL NO. G52668-5 INSTRUMENT LOGBOOK Star #2-2

DATE G52668-5 ANALYZED May 13 1993 I.L.B. PAGE LOCATION 16

DATE G52668 ANALYZED May 13 1993 SAMPLE LOG PAGE LOCATION

EPA 8015M/D.H.S. L.U.F.T. REPORTING UNITS mg/kg SAMPLE MATRIX soil

COMPOUND	SR	SR1	RPD	S.A.	SSR	SSR1	%RE	%RE1	RPD	BLK
GASOLINE	0	0	0	5	3.8	3.9	76	78	2	0
DIESEL										
AVERAGE			0				76	78	2	
							X	O		

SR------- SAMPLE
SR1----- SAMPLE DUPLICATE
RPD---- RELATIVE PERCENT DIFFERENCE
S.A.---- ANALYTE SPIKE IN SAMPLE MATRIX
SSR----- SPIKE RECOVERED AND SAMPLE 'SR'
SSR1---- SPIKE RECOVERED AND SAMPLE 'SR1'
%RE---- PERCENT RECOVERY OF SPIKE IN 'SR'
%RE1--- PERCENT RECOVERY OF SPIKE IN 'SR1'
BLK----- ANALYTE CONCENTRATION DETECTED IN LAB BLANK
99%----- UPPER/LOWER CONTROL LIMIT
95%----- UPPER/LOWER WARNING LIMIT
s--------- STANDARD DEVIATION
2s-------- 2 x STANDARD DEVIATION (WARNING LIMIT)
3s-------- 3 x STANDARD DEVIATION (CONTROL LIMIT)
MEAN-- TIME WEIGHTED AVERAGE OF SPIKE RECOVERY

SURROGATE SPIKE DATE
BENZENYL FLUORIDE SPIKE CONCENTRATION OF
WITH A RECOVERY OF
BENZENYL FLUORIDE RECOVERY LIMITS OF TO

PASS / NO PASS pass DATE TYPED May 17 1993 B133201

ACTION TAKEN

SPIKE SOURCE SH-R STANDARD LOT NO. Gas 22892

ANALYST Roy Martinez QA / QC COMPILER

ASSOCIATED LABORATORIES

* COMMITMENT TO QUALITY *

QUALITY CONTROL /QUALITY ASSURANCE REPORT G52668

QA/QC CONTROL NO. G52665-7 INSTRUMENT LOGBOOK Hyd 1-5

DATE G52665-7 ANALYZED May 13 1993 I.L.B. PAGE LOCATION 38

DATE G52668 ANALYZED May 13 1993 SAMPLE LOG PAGE LOCATION

EPA 8015M/D.H.S. L.U.F.T. REPORTING UNITS mg/kg SAMPLE MATRIX soil

COMPOUND	SR	SR1	RPD	S.A.	SSR	SSR1	%RE	%RE1	RPD	BLK
GASOLINE	0	0	0	5	5	5.5	100	110	10	0
DIESEL										
AVERAGE			0				100	110	10	
							X	O		

SR------- SAMPLE
SR1----- SAMPLE DUPLICATE
RPD---- RELATIVE PERCENT DIFFERENCE
S.A.---- ANALYTE SPIKE IN SAMPLE MATRIX
SSR----- SPIKE RECOVERED AND SAMPLE 'SR'
SSR1---- SPIKE RECOVERED AND SAMPLE 'SR1'
%RE---- PERCENT RECOVERY OF SPIKE IN 'SR'
%RE1--- PERCENT RECOVERY OF SPIKE IN 'SR1'
BLK----- ANALYTE CONCENTRATION DETECTED IN LAB BLANK
99%----- UPPER/LOWER CONTROL LIMIT
95%----- UPPER/LOWER WARNING LIMIT
s--------- STANDARD DEVIATION
2s-------- 2 x STANDARD DEVIATION (WARNING LIMIT)
3s-------- 3 x STANDARD DEVIATION (CONTROL LIMIT)
MEAN-- TIME WEIGHTED AVERAGE OF SPIKE RECOVERY

SURROGATE SPIKE DATE
BENZENYL FLUORIDE SPIKE CONCENTRATION OF
WITH A RECOVERY OF
BENZENYL FLUORIDE RECOVERY LIMITS OF TO

PASS / NO PASS pass DATE TYPED May 17 1993 B133201

ACTION TAKEN

SPIKE SOURCE SH-R STANDARD LOT NO. Gas 22892

ANALYST Roy Martinez QA / QC COMPILER

CHAIN-OF-CUSTODY RECORD

Client: AEC

Date: 5/5/93

Project Name: SUN DESERT LEMON RANCH

Client Project#:

Project Address: 15550 W. HOBSON WAY

BLYTHE, CA

Sampler's Signature: David A. Palm

Turn Around Requested:
- ☐ 24-Hour-Rush
- ☐ 48-Hour-Rush
- ☑ Normal
- ☐ Mobile Lab

LAB Project #:

Page 4 of 4

Lab Use Only. Sample Condition as received:
Chilled Yes / No
Sealed Yes / No

Analysis Requested: TPH-g / BTEX

Sample	Sample Location	Date	Time	Laboratory Sample Number	Sample Matrix: Soil(S) Sludge(SL), Aqueous(A)	TPH-g / BTEX	Number of Containers	Container / Comments
48-2-12-32BLE-15'	WIND MACHINE 48-2-12	5/4/93	7:29		S	✓	1	
48-2-12-32BLE-20'			7:33		S	✓	1	
48-2-12-32BLE-25'			7:42		S	✓	1	
48-2-12-32BLE-30'			7:48		S	✓	1	
48-2-12-32BLE-35'			7:55		S	✓	1	
48-2-24-20BLE-10'	WIND MACHINE 48-2-24		8:50		S	✓	1	
48-2-24-20BLE-15'			9:08		S	✓	1	
48-2-24-20BLE-20'			9:14		S	✓	1	
48-2-24-20BLE-25'			9:21		S	✓	1	
48-2-24-20BLE-30'			9:30		S	✓	1	

Total Number of Containers: 10

① Relinquished by: (Signature) David A. Palm	Date 5/5/93	② Received by: (Signature) Daniel Lagan	Date 5/6/93
Company: AEC	Time 1:48	Company: ASSOCIATED LAB	Time 1:50
③ Relinquished by: (Signature) Daniel Lagan	Date	④ Received by Laboratory: (Signature)	Date
Company:	Time	Company:	Time

AEC
ADVANCED ENVIRONMENTAL CONCEPTS INC
805 / 831-1646
FAX 805 / 831-1771
4400 ASHE ROAD #206
BAKERSFIELD, CA 93313

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

SEP 18 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 22
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225067, UST C SUNW 6.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: Aug 29 96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225067
FILE CODE NO: *UST C SUNW 6.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	2700 @35'	N/A	N/A	N/A
Benzene	6.5 @25'			
Toluene	150 @35'			
Ethyl-benzene	71 @35'			
Xylene	459 @35'			

COMMENTS: *Soil samples were taken to a depth of 45 ft and no TPHg or BTEX component were detected deeper than 45 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 6.0 , Tank No. 22*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

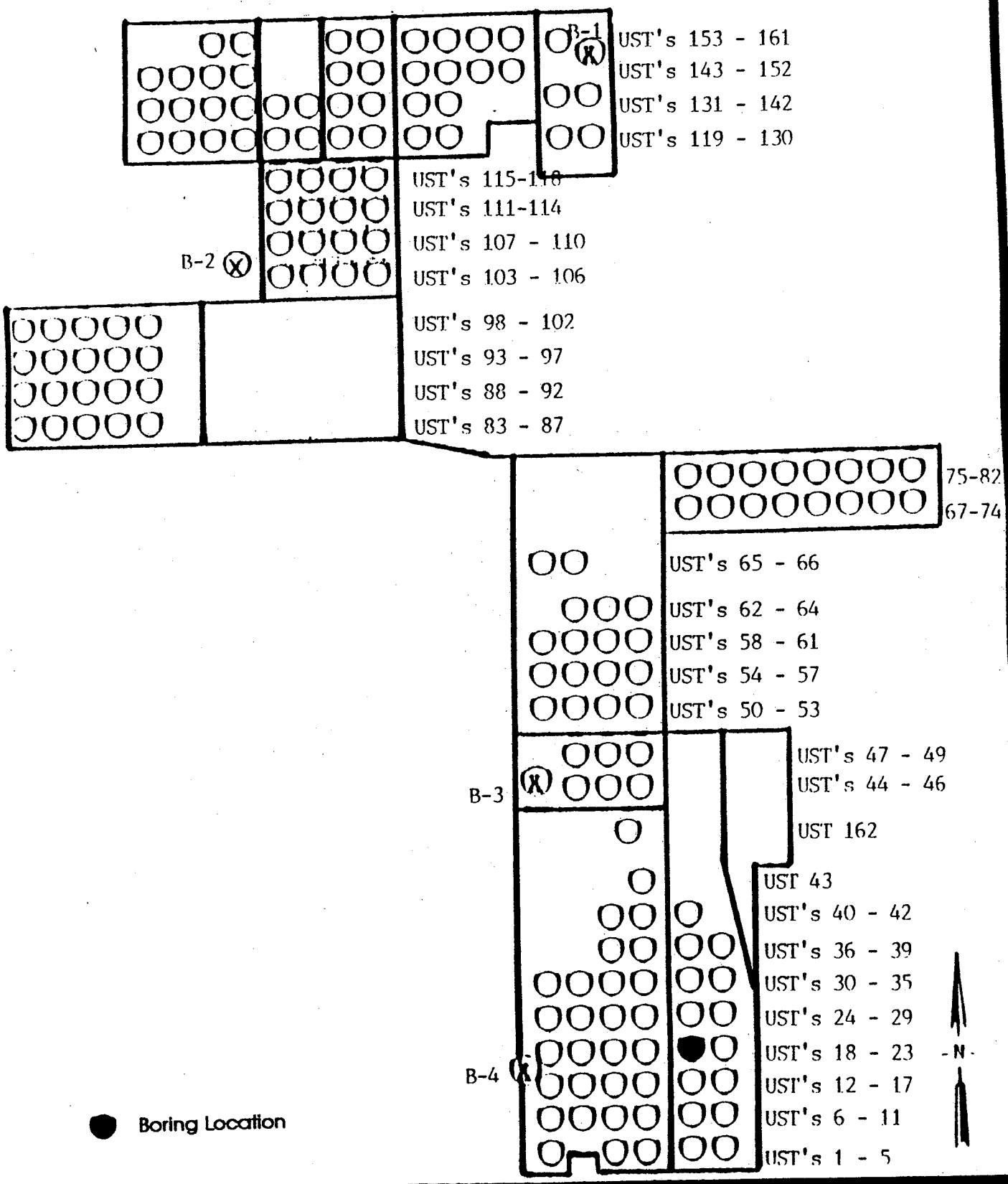
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 2 ft	470	ND	ND	54	ND
At 6 ft	1100	ND	ND	146	1.1
At 15 ft	280	ND	.98	88	.31
At 25 ft	670	6.5	71	133	20
At 35 ft	2700	ND	150	459	71
AT 40 ft	1.3	.019	.16	.227	.034
At 45 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch #48-2-2622
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JUL 22 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 23
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield (w/attachments)

Enc.: As noted above

File Ref: Working UST C SUNW 9.0; 7T2225070

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: July 10, 96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225070
FILE CODE NO: *UST C SUNW 9.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

TECT

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	370 @ 6'	N/A	N/A	N/A
Benzene	ND @ 6'			
Toluene	ND @ 6'			
Ethyl-benzene	ND @ 6'			
Xylene	ND @ 6'			

COMMENTS (Dept of Remediation, etc):
Soil samples were taken to a depth of 20 ft and no TPHg or BTEX component were detected deeper then 6 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 9.0 , Tank No. 23.

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

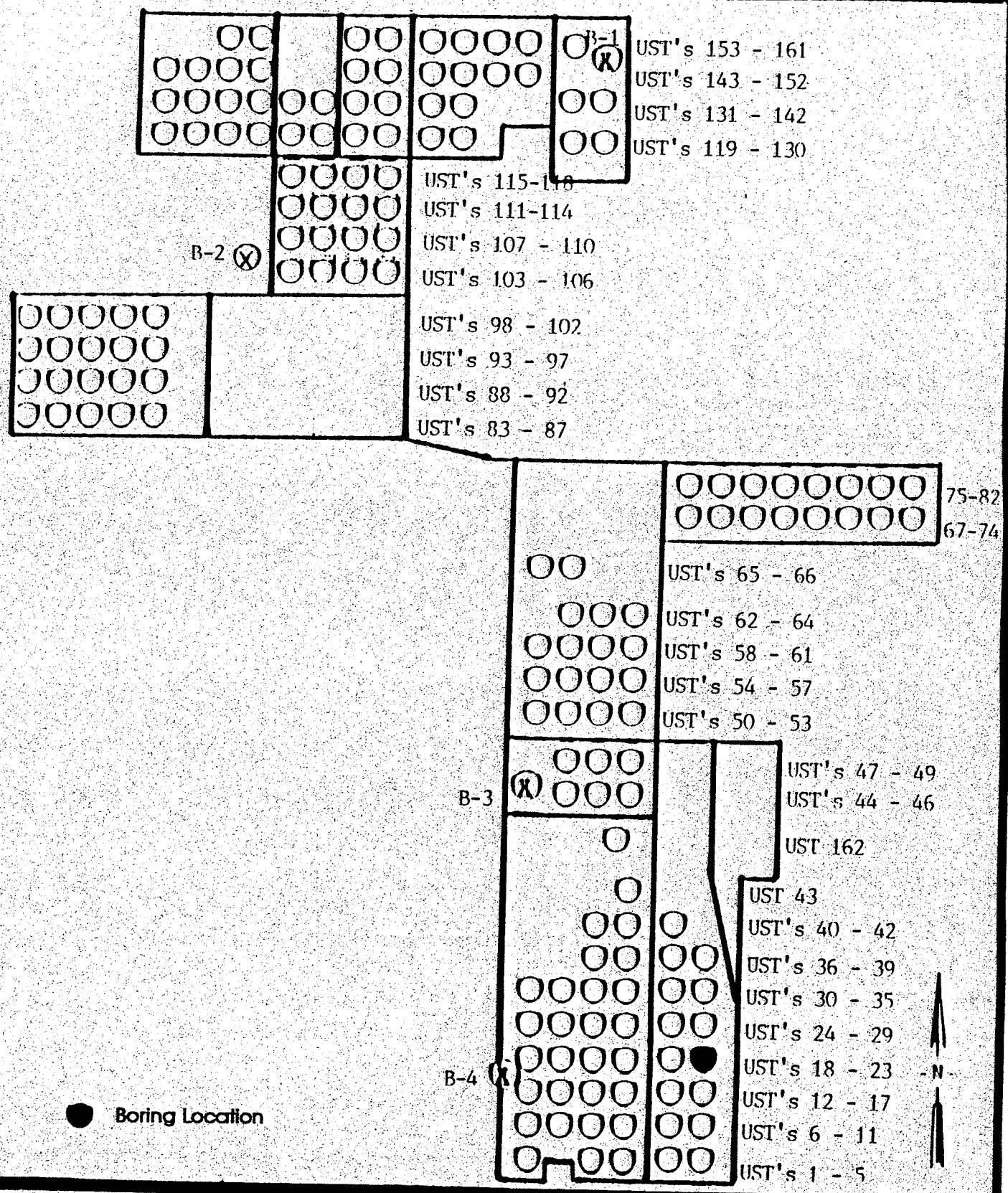
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert G. Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Depth	*TPHg*	*Benzene*	*Xylenes*	*Etheylbenzene*
At 6 ft	*370*	*ND*	*ND*	*ND*
At 10 ft	*ND*	*ND*	*ND*	*ND*
At 15 ft	*ND*	*ND*	*ND*	*ND*
At 20 ft	*ND*	*ND*	*ND*	*ND*



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #48-2-21-23
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JUL 22 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 38
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield (w/attachments)

Enc.: As noted above

File Ref: Working SUNW 10.0; 7T2225071

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 5/8/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225071
FILE CODE NO: *UST C SUNW 10.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	3100 @ 6'	N/A	N/A	N/A
Benzene	38			
Toluene	120			
Ethyl-benzene	64			
Xylene	670			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 45 ft. Ground water is reported to be at 90 ft below grade. This summary is for UST C SUNW 10.0 , Tank No. 38.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

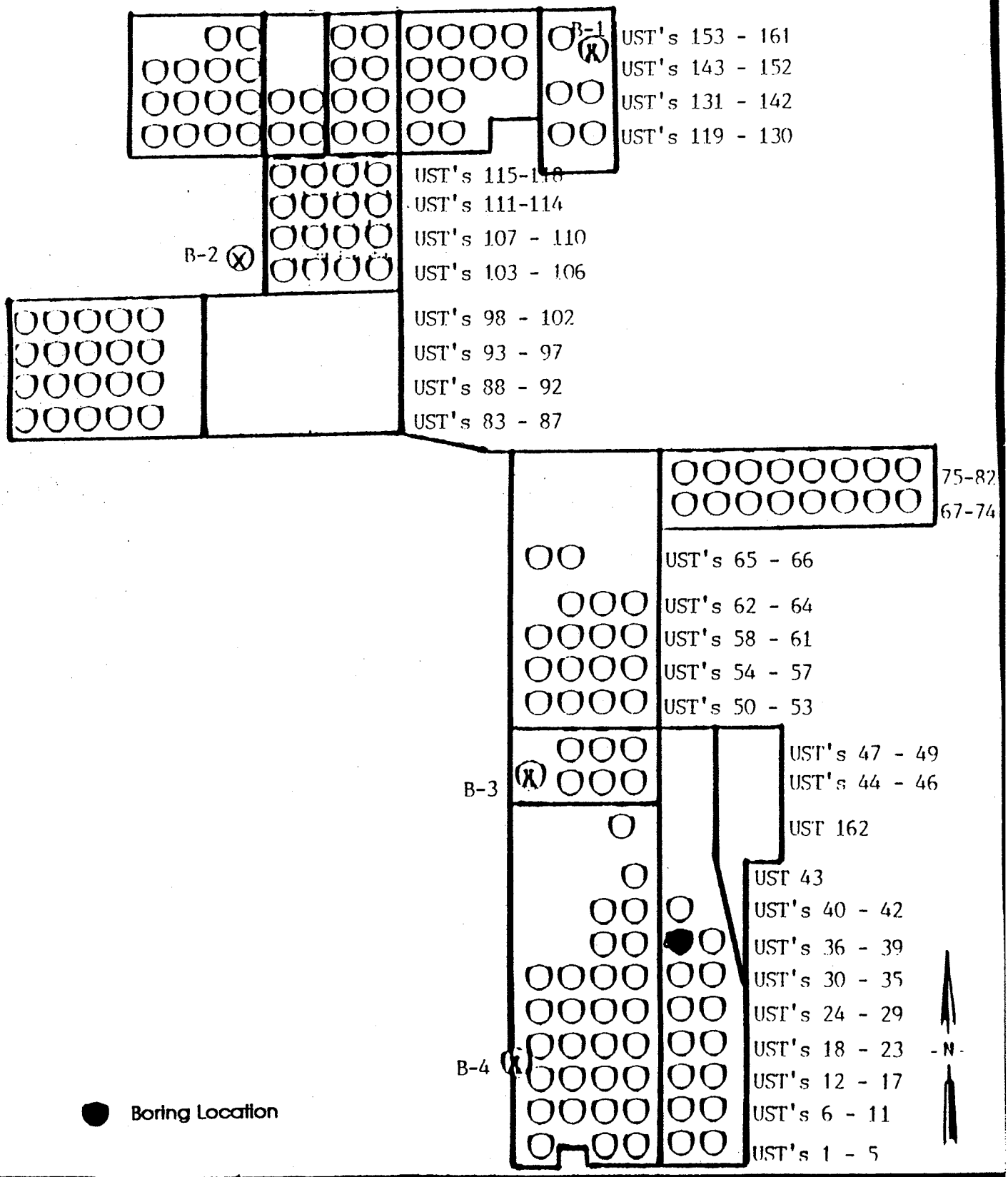
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert T. Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Steph Dem

V. ADDITIONAL COMMENTS, DATA, ETC.

Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 6 ft	3100	38	120	670	64
At 10 ft	200	ND	1.0	26.7	.91
At 20 ft	300	ND	9.9	93	4.1
At 30 ft	5.1	ND	.027	.388	.013
At 40 ft	ND	ND	.021	.097	.0052
At 45 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #48-2-8-38
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 13 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 39
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc: As noted above

File Ref: 7T2225072, UST C SUNW 11.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: Aug 11 96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225072
FILE CODE NO: *UST C SUNW 11.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	5200 @6'	N/A	N/A	N/A
Benzene	87 @6'			
Toluene	270 @6'			
Ethyl-benzene	97 @6'			
Xylene	1060 @6'			

COMMENTS: *Soil samples were taken to a depth of 50 ft and no TPHg or BTEX component were detected deeper than 50 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 11.0 , Tank No. 39.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

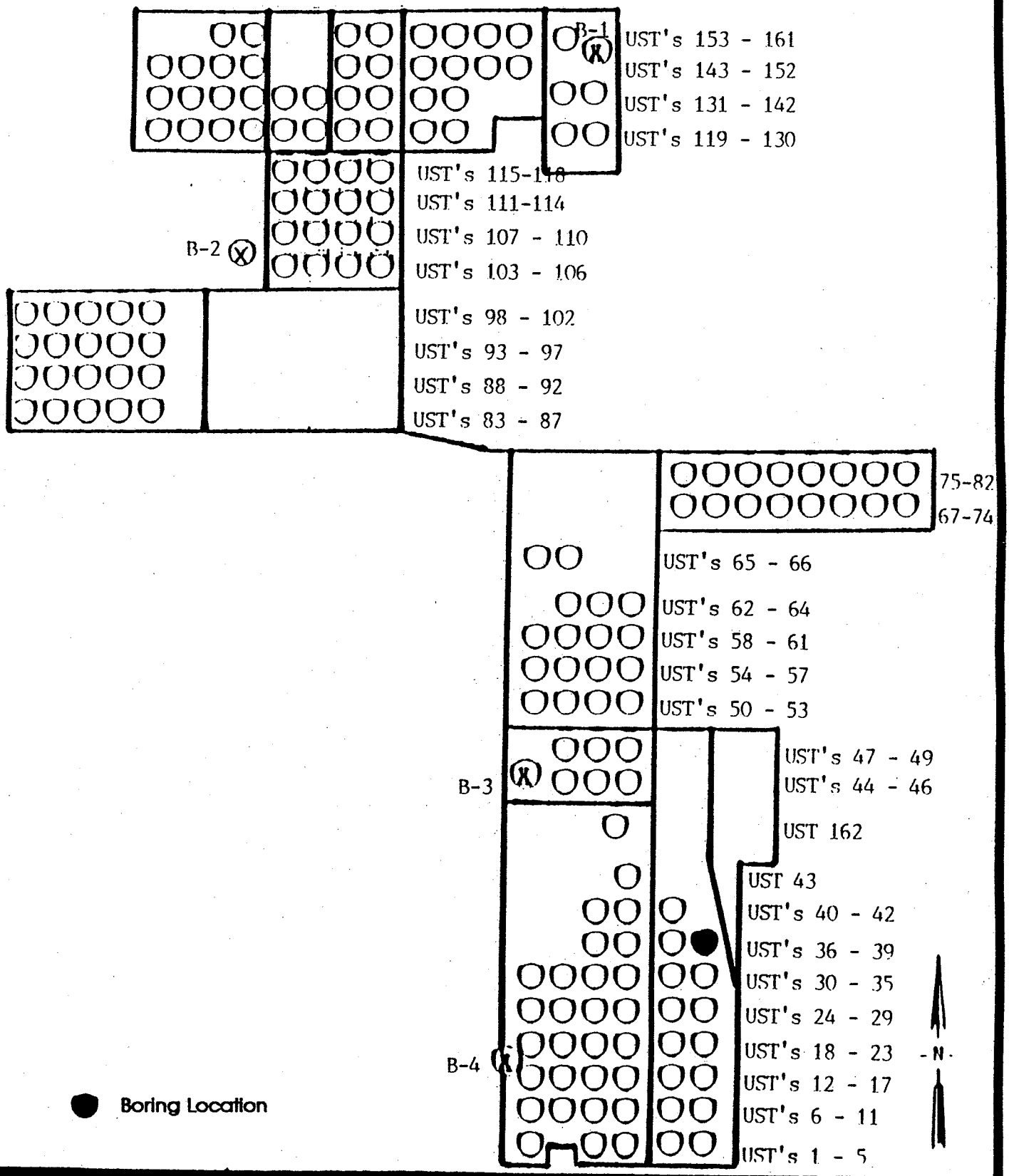
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert C. Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 2 ft	2300	14	30	440	4.9
At 6 ft	5200	87	270	1060	97
At 15 ft	380	ND	95	104	45
At 20 ft	640	1.5	4.2	125	3
At 30 ft	610	1.9	64	106	15
AT 40 ft	930	2.6	40	81	8.9
At 45 ft	ND	ND	.012	ND	ND
At 50 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #48-2-9-39
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 1 3 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 40
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: 7T2225073, UST C SUNW 12.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION DATE:_____

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225073
FILE CODE NO: *UST C SUNW 12.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

COPY
Original Signed & Mailed

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	3800 @6'	N/A	N/A	N/A
Benzene	58 @2'			
Toluene	200 @6'			
Ethyl-benzene	85 @6'			
Xylene	740 @6'			

COMMENTS : *Soil samples were taken to a depth of 40 ft and no TPHg or BTEX component were detected deeper than 25 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 12.0 , Tank No. 40.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

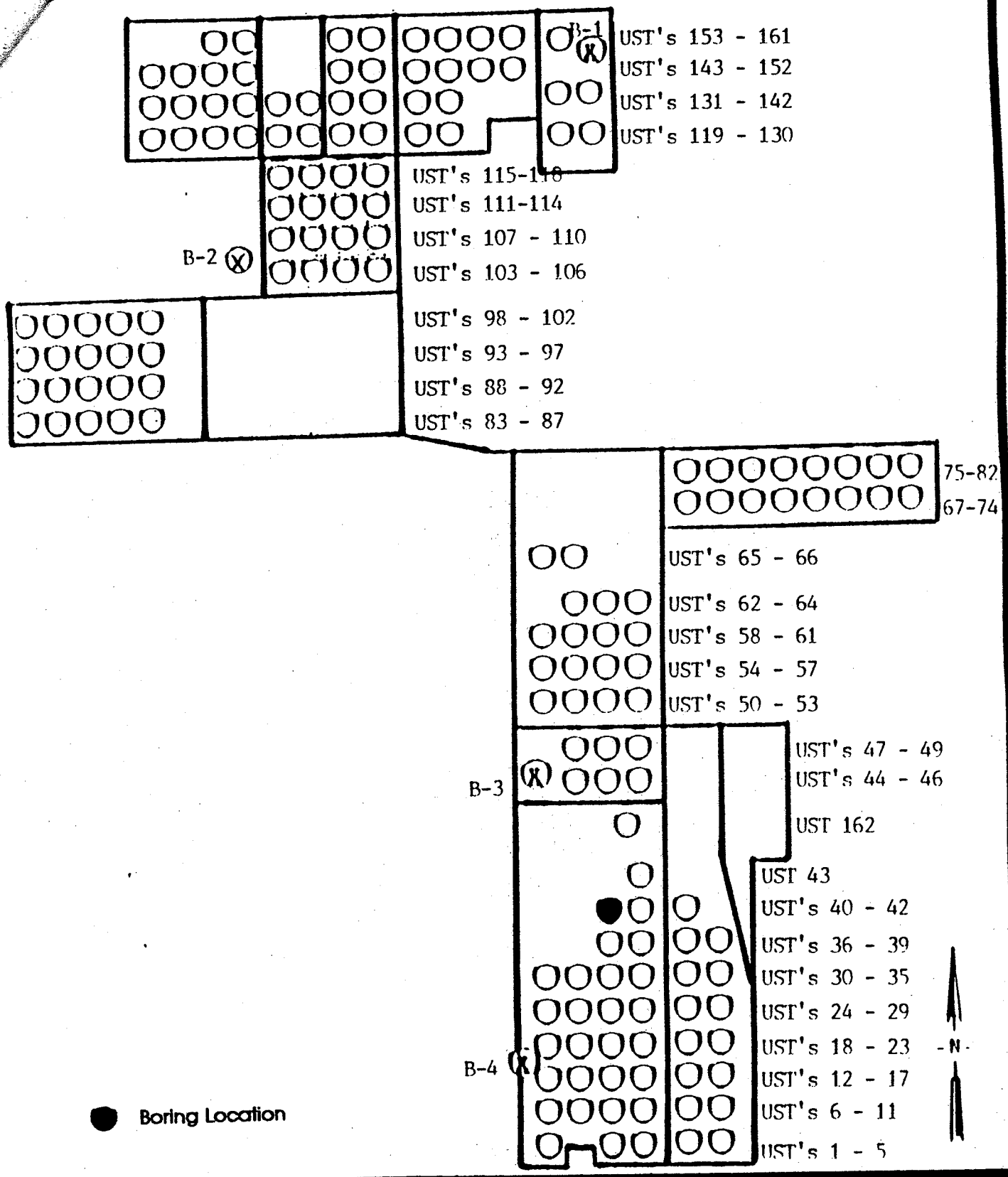
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker:_____
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile:_____

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	*Concentration (mg/kg)*				
	TPHg	*Benzene*	*Toluene*	*Xylenes*	*Ethylbenzene*
At 6	*3800*	*45*	*200*	*740*	*85*
At 10 ft	*560*	*ND*	*.2*	*10*	*.3*
At 15 ft	*34*	*.07*	*1.6*	*3.1*	*.3*
At 20 ft	*5*	*ND*	*.1*	*.8*	*.02*
At 25 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 30 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 35 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 40 ft	*ND*	*ND*	*ND*	*ND*	*ND*



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #48-2-3-40
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JUL 22 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 42
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for you records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721 (e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield (w/attachments)

Enc.: As stated above

File Ref: Working UST C SUNW 13.0 7T2225074

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: July 10, 96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO: 7T2225074
FILE CODE NO: *UST C SUNW 13.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER: none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg Benzene Toluene Ethyl-benzene Xylene	1200 @2' .18 @10' .40 @2' 4.3 @2' 65 @2'	N/A	N/A	N/A

COMMENTS (Dept of Remediation, etc):
Soil samples were taken to a depth of 45 ft and no TPHg or BTEX component were detected deeper then 35 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 13.0 , Tank No. 42.

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

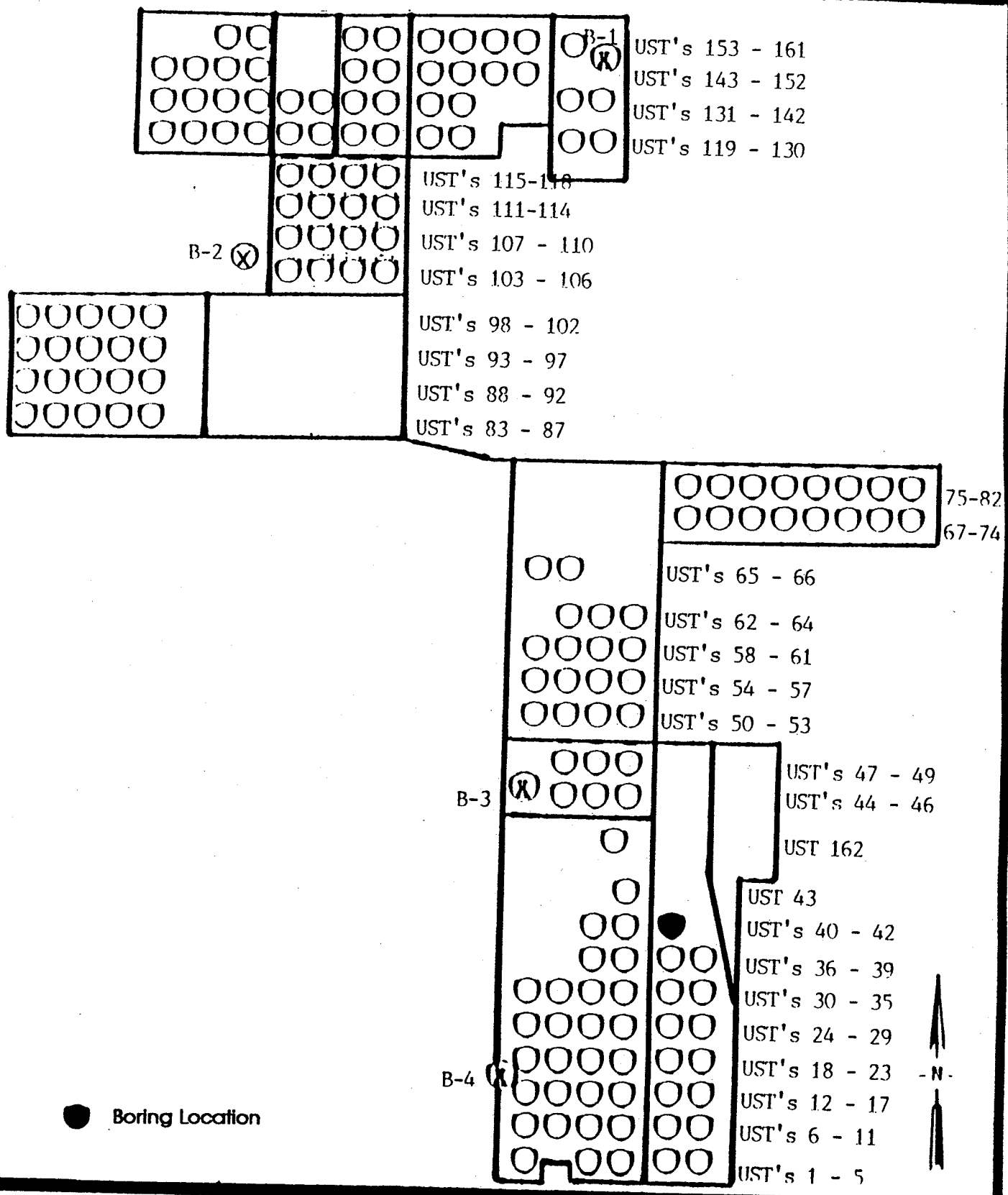
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 6 ft	140	ND	.40	65	.42
At 10 ft	16	.18	.16	.70	.036
At 15 ft	420	.14	.19	25.15	1.6
At 20 ft	1.8	ND	ND	.040	ND
At 35 ft	ND	ND	ND	ND	ND
At 45 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40872
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #48-2-5-42
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 26 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 45
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225075, UST C SUNW 14.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 08/15/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225075
FILE CODE NO: *UST C SUNW 14.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	7600 @6'	N/A	N/A	N/A
Benzene	24 @6'			
Toluene	110 @6'			
Ethyl-benzene	54 @6'			
Xylene	1550 @6'			

COMMENTS : *Soil samples were taken to a depth of 65 ft and no TPHg or BTEX component were detected deeper than 35 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 14.0 , Tank No. 45*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

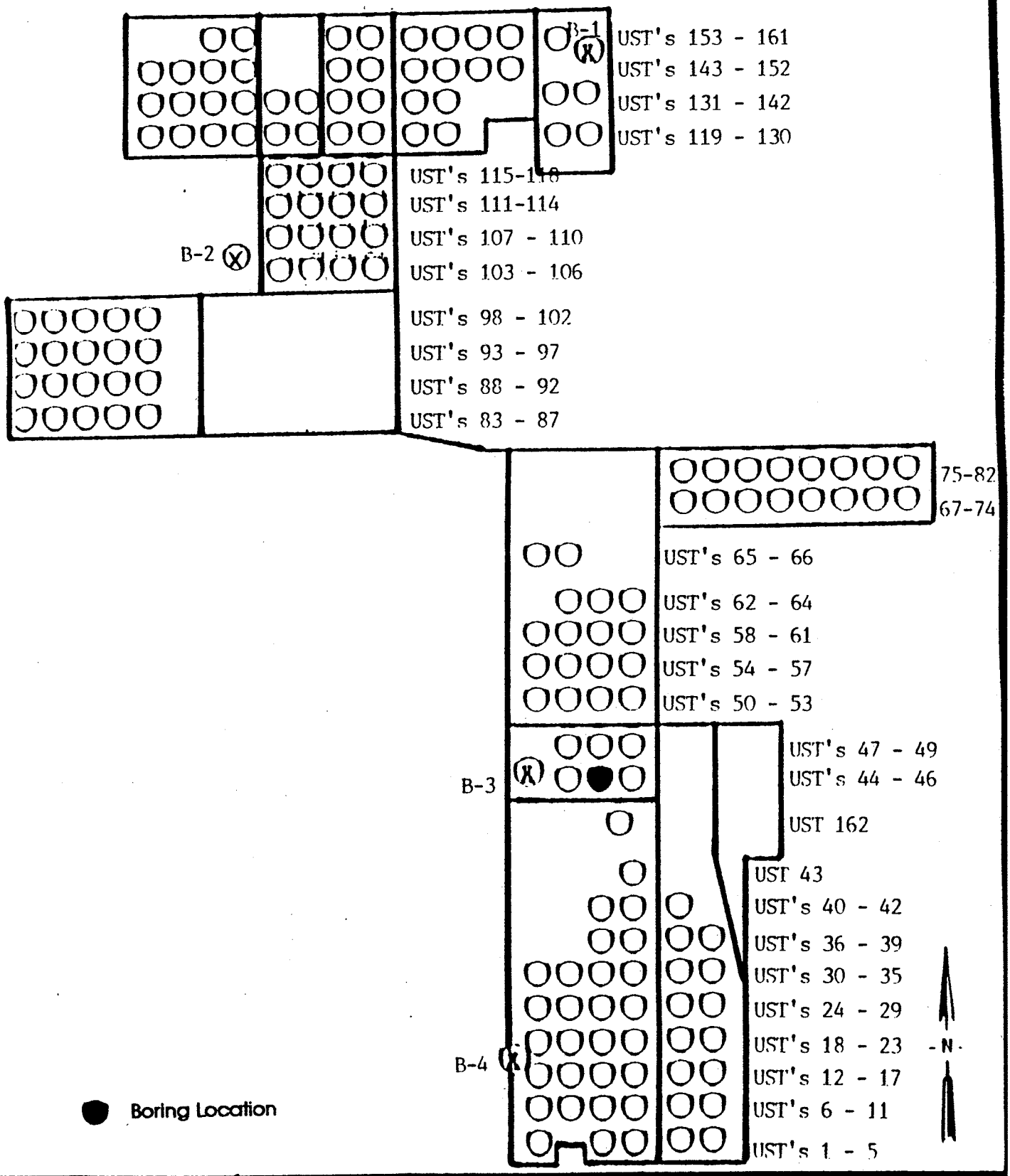
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 2 ft	2900	3.0	21	570	14
At 6 ft	7600	24	110	1550	54
At 10 ft	922	ND	ND	33	ND
At 15 ft	3258	ND	6.1	390	4.7
At 20 ft	5885	ND	29	755	12
At 25 ft	6170	.3	105	738	35
At 30 ft	2500	.5	78	318	ND
At 35 ft	ND	ND	ND	ND	ND
At 40 ft	ND	ND	ND	ND	ND
At 45 ft	ND	ND	ND	ND	ND
At 50 ft	ND	ND	ND	ND	ND
At 55 ft	ND	ND	ND	ND	ND
At 60 ft	ND	ND	ND	ND	ND
At 65 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #27-7-45
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 26 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 46
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225076, UST C SUNW 15.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 8/15/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225076
FILE CODE NO: *UST C SUNW 15.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	12441 @10'	N/A	N/A	N/A
Benzene	9.4 @6'			
Toluene	67 @6'			
Ethyl-benzene	61 @10'			
Xylene	1550 @10'			

COMMENTS : *Soil samples were taken to a depth of 30 ft and no TPHg or BTEX component were detected deeper than 25 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 15.0 , Tank No. 46*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

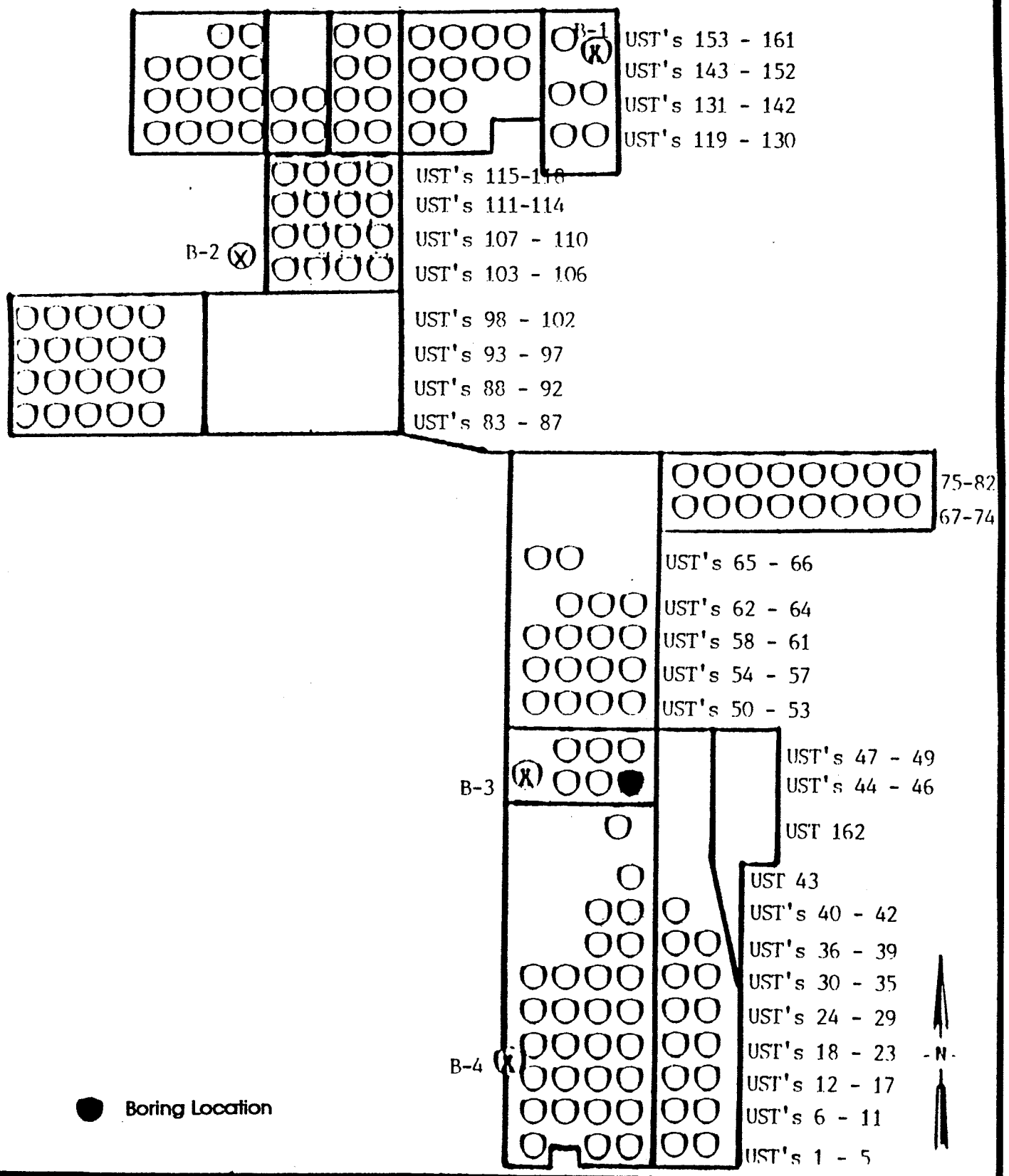
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert E Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	Concentration (mg/kg) TPHg	Benzene	Toluene	Xylenes	Ethylbenzene
At 2 ft	700	1.8	19	137	17
At 6 ft	3000	9.4	67	362	51
At 10 ft	12441	ND	22	1064	61
At 15 ft	4034	ND	11	398	28
At 20 ft	2268	ND	5.2	121	7.6
At 25 ft	ND	ND	ND	ND	ND
At 30 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40872
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #27-8-46
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRO ITAL PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

MAY 14 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 47
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation contained in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield (w/attachments)

File Ref: Working (UST C SUNW 16.0); 7T2225077

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

DATE: 5/1/96

I. AGENCY INFORMATION

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225077
FILE CODE NO: *UST C SUNW 16.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	2980 @ 30'	N/A	N/A	N/A
Benzene	ND			
Toluene	ND			
Ethyl-benzene	1.0			
Xylene	70			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 50 ft and no TPHg or BTEX component were detected deeper then 35 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 16.0 , Tank No. 47 .*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

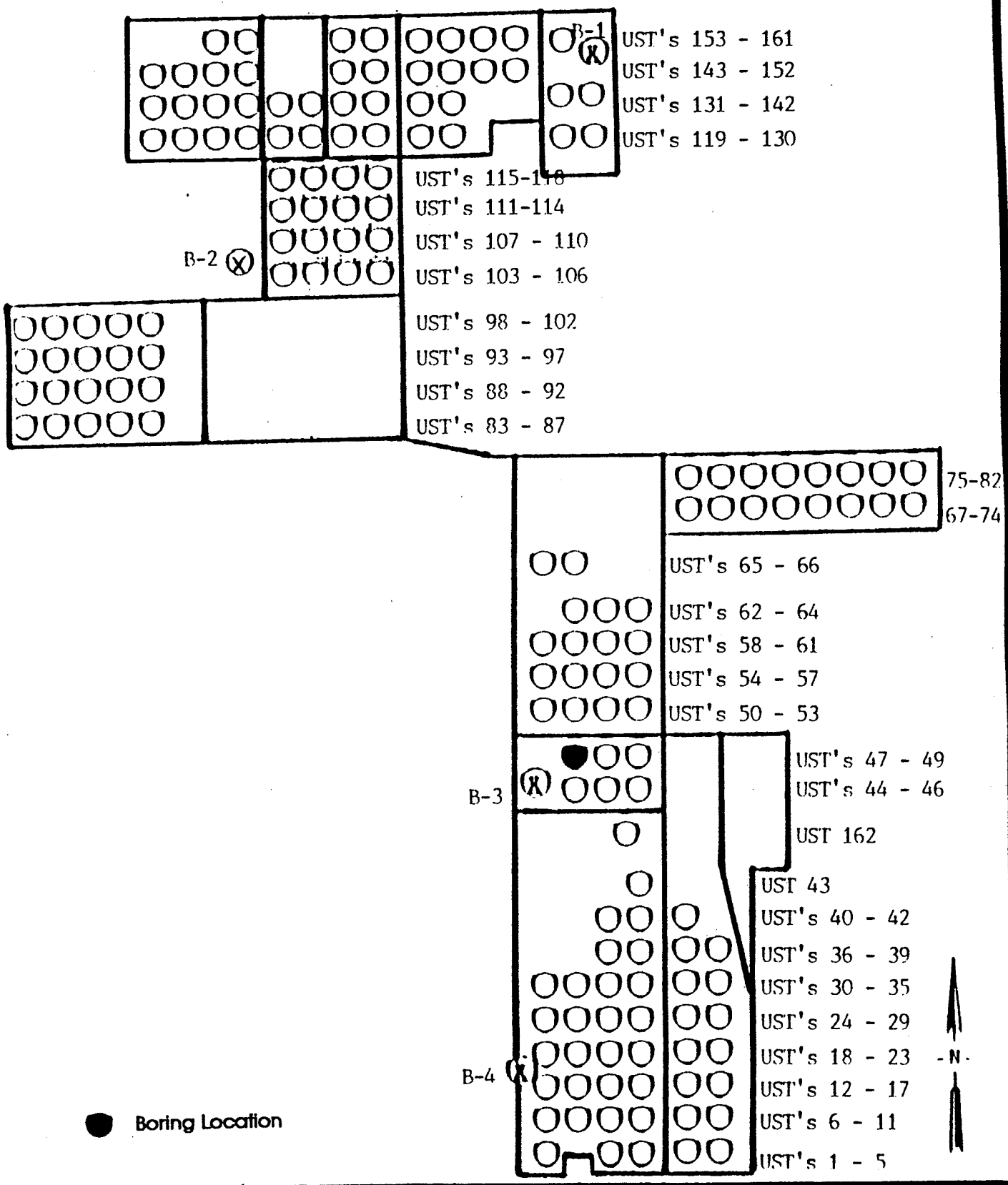
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Stephen Duarte

V. ADDITIONAL COMMENTS, DATA, ETC.

At 35 ft no TPHg or BTEX detected
At 40 ft no TPHg or BTEX detected
At 45 ft no TPHg or BTEX detected
At 50 ft no TPHg or BTEX detected



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

Green Copy

MAY 13 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 48.0
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for you records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721 (e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

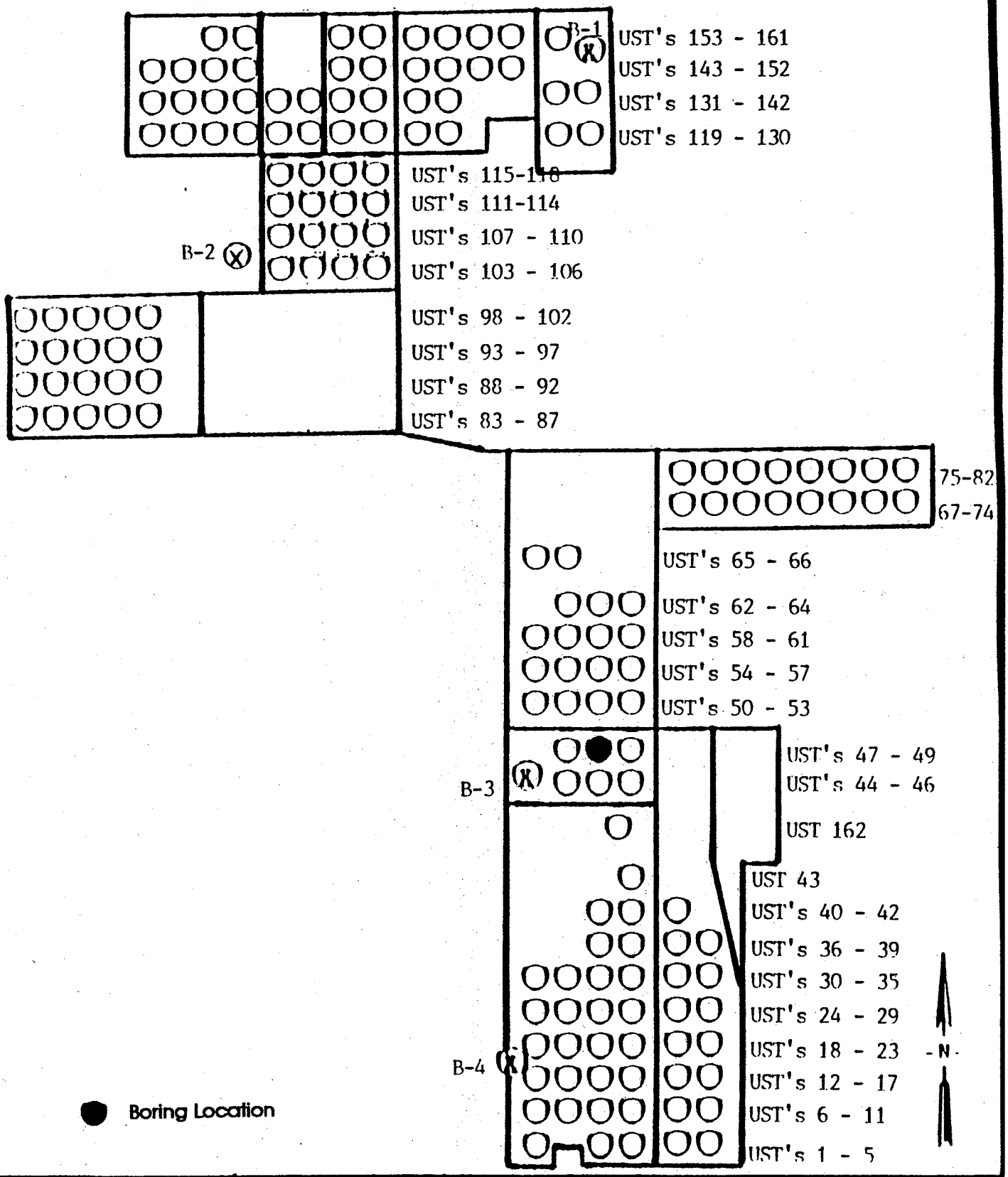
PHIL GRUENBERG
Executive Officer

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

RT/jj

Enc.: As noted above

File Ref: Working (UST C SUNW 17.0); 7T2225078



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #27-3-48
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

MAY 03 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 49
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for you records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721 (e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

PHIL GRUENBERG
Executive Officer

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

RT/jj

Enc.: As noted above

File Ref: Working (UST C SUNW 18); 7T2225079

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 5/1/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225079
FILE CODE NO: *UST C SUNW 18.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm) BEFORE	SOIL (ppm) AFTER	WATER (ppm) BEFORE	WATER (ppm) AFTER
TPHg	1200 @ 6'	N/A	N/A	N/A
Benzene	7.2			
Toluene	40			
Ethyl-benzene	15			
Xylene	177			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 25 ft and no TPHg or BTEX component were detected deeper then 10 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 18.0 , Tank No. 49 .*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

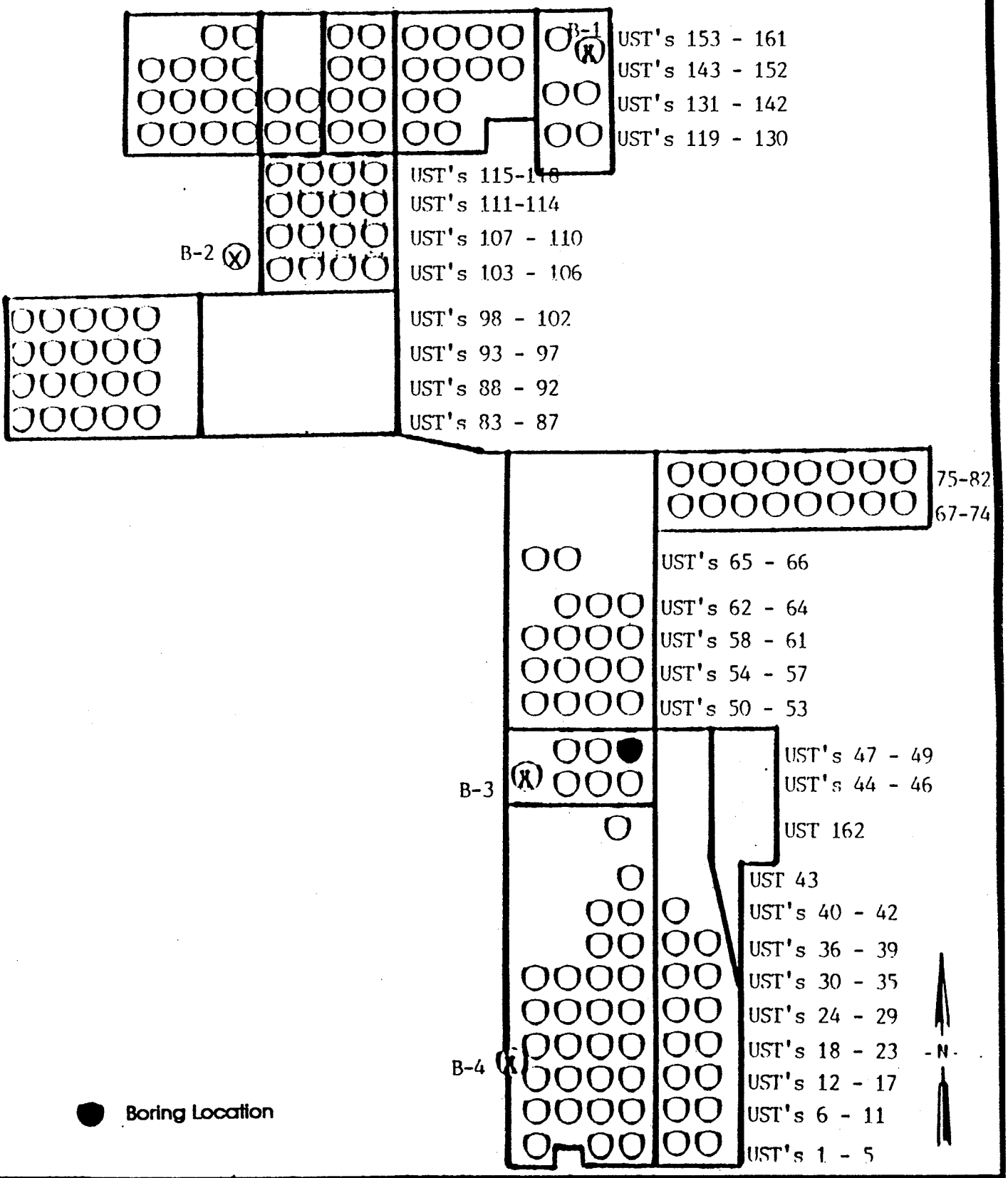
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert J Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Stephen Devaire for

V. ADDITIONAL COMMENTS, DATA, ETC.

At 10 ft no TPHg or BTEX detected
At 15 ft no TPHg or BTEX detected
At 20 ft no TPHg or BTEX detected
At 25 ft no TPHg or BTEX detected



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #27-4-49
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 1 3 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 50
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: 7T2225080, UST C SUNW 19.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 7/31/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225080
FILE CODE NO: *UST C SUNW 19.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	1100 @ 2'	N/A	N/A	N/A
Benzene	5.3 @6'			
Toluene	16 @ 6'			
Ethyl-benzene	12 @ 2'			
Xylene	141 @2'			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 25 ft and no TPHg or BTEX component were detected deeper than 20 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 19.0 , Tank No. 50 .*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

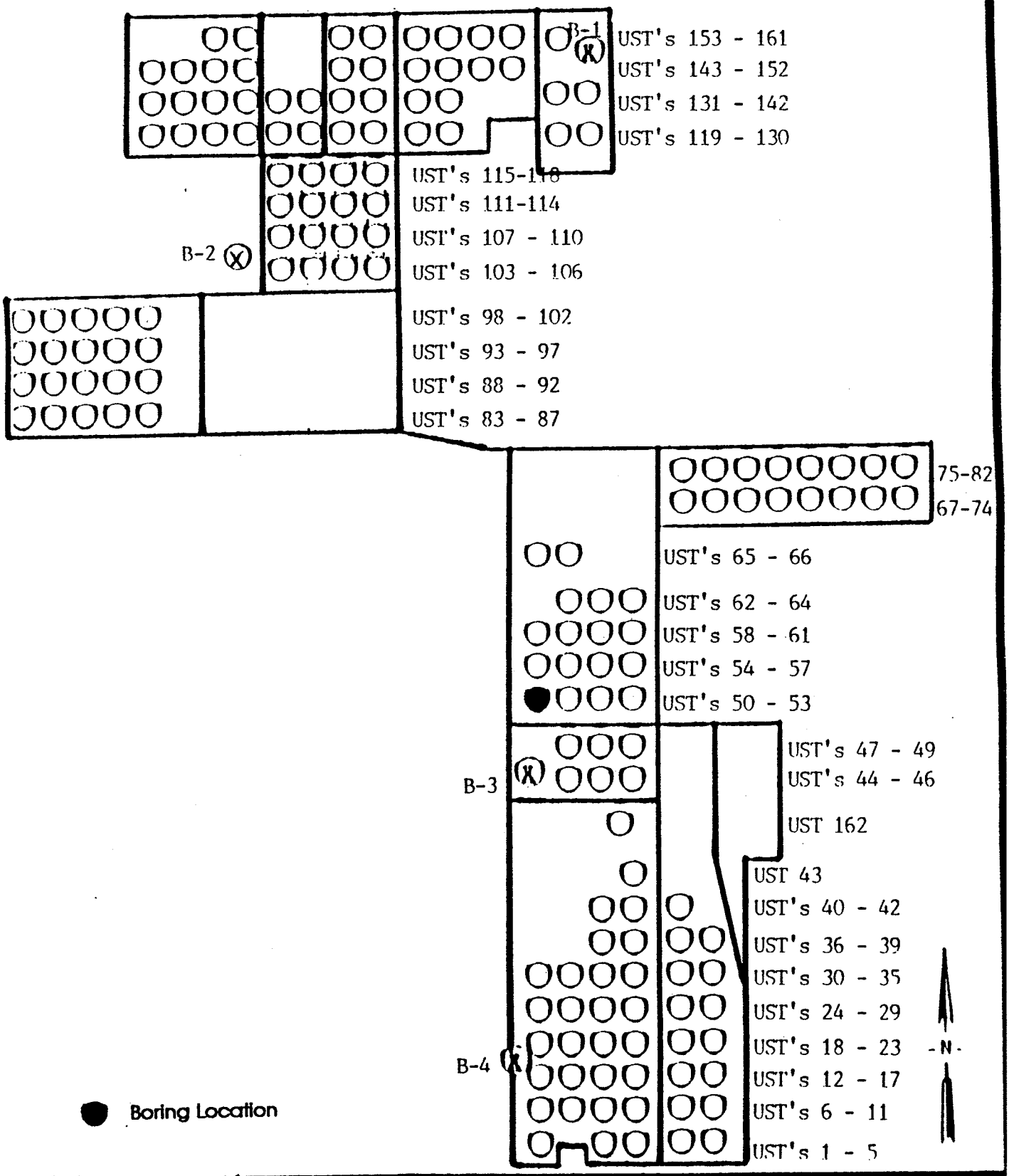
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 6	590	5.3	16	81	7
At 10 ft	ND	ND	ND	ND	1.3
At 15 ft	ND	ND	ND	18	.6
At 20 ft	ND	ND	ND	ND	ND
At 25 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

13-29-50

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONME L PROTECTION AGENCY PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JAN 23 1997

Paul W. Knupp
Sunworld
P. O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 53
15550 West Hobsonway
Blythe, CA 92226

Following review of all technical reports and information in the subject case file, this letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jb

Enc.: As noted above

cc: Dave Deaner, State Water Resources Control Board, CWP, UST Cleanup Fund, Sacramento
Jonathan Buck, AEC, Bakersfield

File Ref: 7T2225081, UST C SUNW 20.0

UNDERGROUND STORAGE TANK
CASE SUMMARY
(soil only)

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: ~~Mar~~ Jan 14, 97	LUSTIS Case No. 7T2225081	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch 15550 West Hobson way Blythe CA	Responsible Parties: Sunworld	Address: Paul Knupp P.O. Box 9110 Bakers Field CA 93389	Phone: 805 833-6460

I.CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	300	Gasoline	Removed	91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 mile away		
GW. highest depth: 90 ft	GW. lowest depth: unknown	Flow direction: South East
GW. impacted: Yes (No)	Maximum depth sampled: 75 ft	SW. impacted: Yes (No)

III. DOCUMENTED RESIDUAL CONTAMINANT CONCENTRATIONS (ND=not detected, NA -not analyzed)

Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)	Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)
TPH(gas)	9740	30'	6	75	Ethyl-benzene	146	30	.09	75
TPH (diesel)					Xylenes	824	30	.31	75
Benzene	14	30'	ND	55	MTBE	NA		ND	55
Toluene	375	30	.02	75	Other				

IV. SHALLOW SOIL POLLUTION

Highest TPH concentration found above 10 feet below grade: 1600 mg/kg

V. SOIL REMEDIATION

Method: None	Duration of remediation: N/A

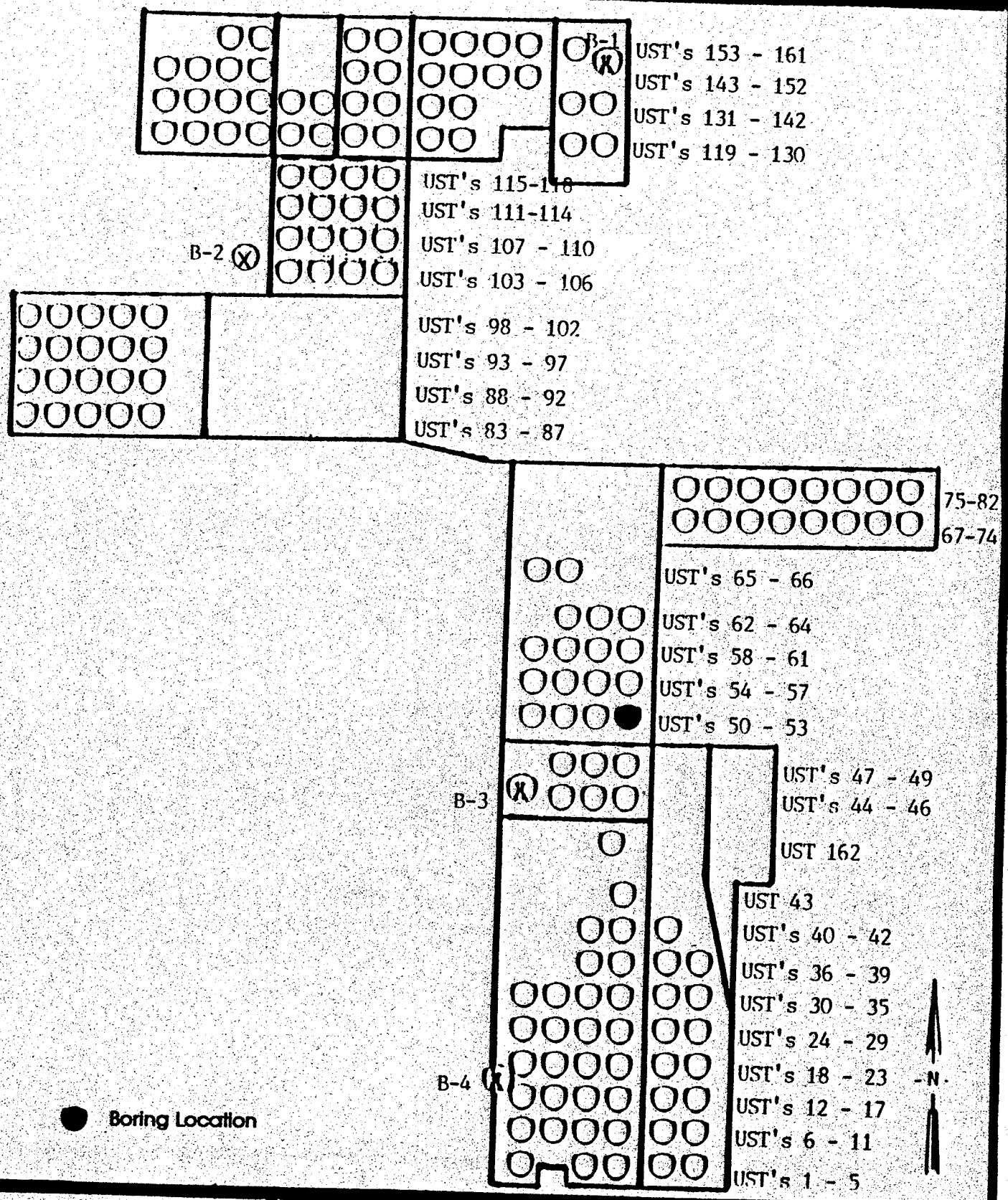
V. RESOLUTION

RWQCB Case Closure? Yes (No)
Additional Action Required: Issue a No Further Action letter

VI. COMMENTS

Soil pollution was detected down to 75 ft below grade. At 75 ft no benzene was detected and Toluene, total xylenes and ethylbenzene concentrations were below 1 mg/kg.

This summary is for UST C SUNW 20.0, UST NO. 53



ADVANCED ENVIRONMENTAL CONCEPTS INC.
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

13-32-53

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

SEP 26 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 55
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225082, UST C SUNW 21.0

15

UNDERGROUND STORAGE TANK
CASE SUMMARY

lifornia
nvironmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: Sept 6 96	LUSTIS Case No. 7T22250B2	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch 15550 West Hobsonway Blythe CA	Responsible Parties: Sunworld	Address: Paul Knupp P.O. Box 9110 Bakers Field CA 93309-1698	Phone: 805 833-6460

CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	500	Gasoline	Removed	8/91
2				
3				
4				

SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 miles away		
GW. highest depth: 90 Ft bgs	GW. lowest depth: unknown	Flow direction: South East
GW. impacted: Yes (No)	Maximum depth sampled: 80 Ft	SW. impacted: Yes (No)

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS- INITIAL AND LATEST (ND= non detected)

Contaminant	Soil ppm Initial Year(93)	Soil ppm Latest Year( )	Water Initial Year( )	Water Latest Year( )	Contaminant	Soil ppm Initial Year(93)	Soil ppm Latest Year( )	Water Initial Year( )	Water Latest Year( )
TPH(gas)	7410				Ethyl-benzene	270			
TPH (diesel)	—				Xylenes	1570			
Benzene	86				MTBE	—			
Toluene	470				Other	—			

SOIL REMEDIATION

Method: None	Duration of remediation: N/A

GROUND WATER REMEDIATION

Method: None	Duration of remediation: N/A

FREE PRODUCT

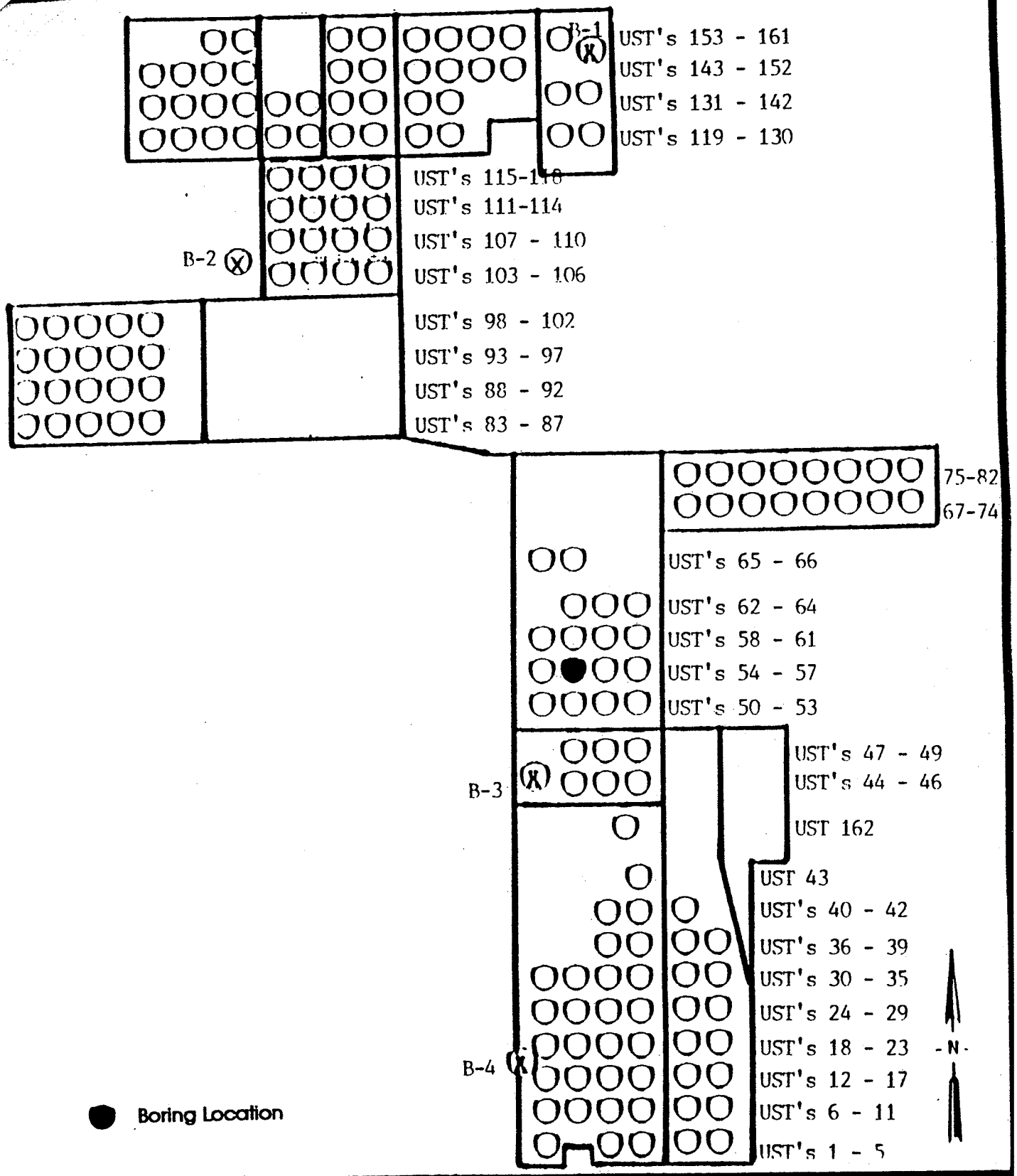
Was free product encountered ? Yes (No)	Has free product been totally recovered? YES NO
When was the free product recovery project completed: N/A	

RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue No Further Action letter

COMMENTS

No soil pollution was detected deeper than 60 Ft below grade. This summary is for UST No. 55, Case file UST C SUNW 21.0



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

13-26-55

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

MAY 14 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 62
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation contained in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield (w/attachments)

File Ref: Working (UST C SUNW 22.0); 7T2225083

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 5/1/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225083
FILE CODE NO: *UST C SUNW 22.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	1700 @ 2'	N/A	N/A	N/A
Benzene	ND			
Toluene	.8			
Ethyl-benzene	1.3			
Xylene	24			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 35 ft and no TPHg or BTEX component were detected deeper then 20 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 22.0 , Tank No. 62 .*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

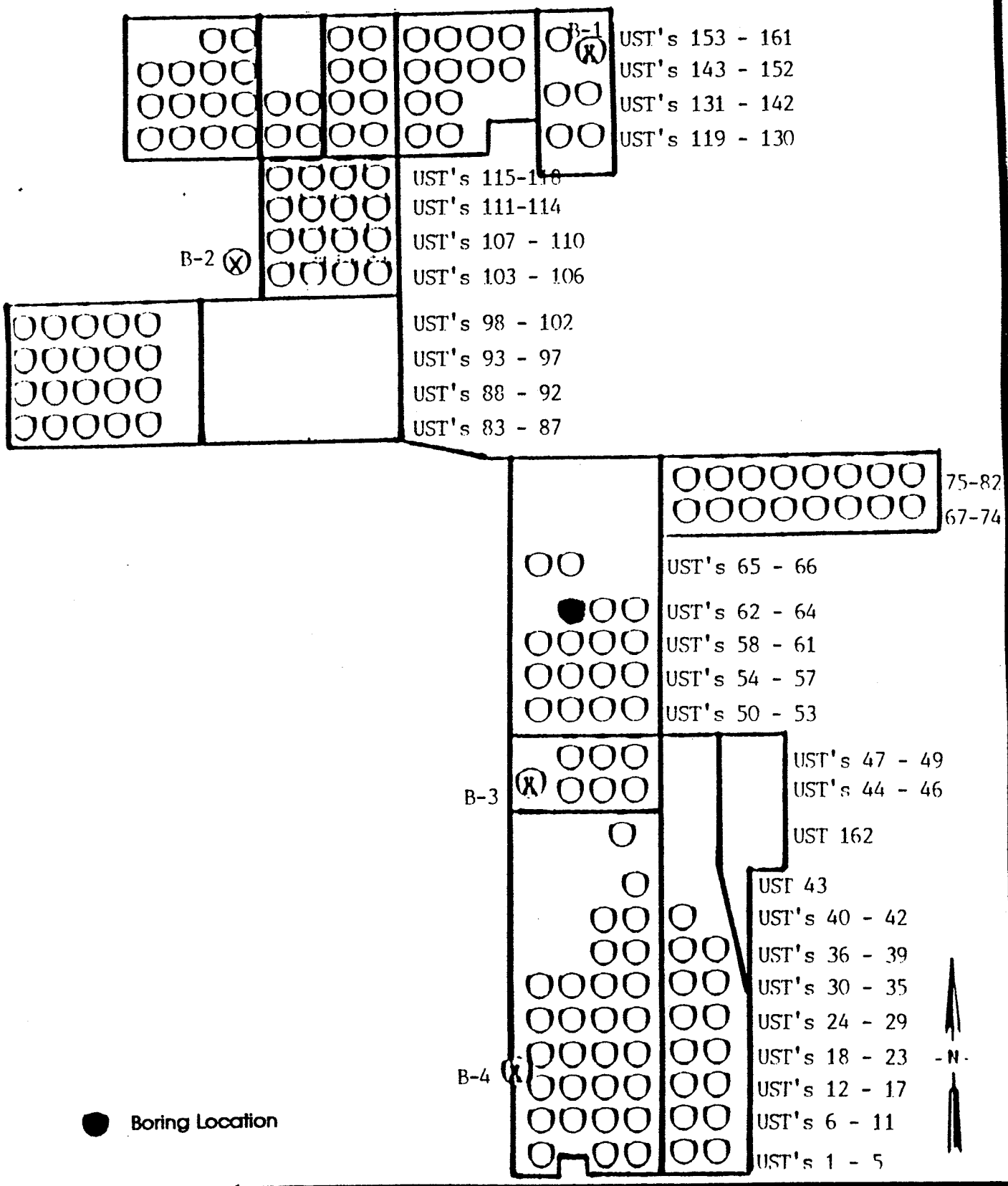
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Stephen Devaney for

V. ADDITIONAL COMMENTS, DATA, ETC.

At 20 ft no TPHg or BTEX detected
At 25 ft no TPHg or BTEX detected
At 30 ft no TPHg or BTEX detected
At 35 ft no TPHg or BTEX detected



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

13-18-62

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRO...NTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 1 3 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 64
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: 7T2225084, UST C SUNW 23.

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 8/2/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225084
FILE CODE NO: *UST C SUNW 23.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	2845 @10'	N/A	N/A	N/A
Benzene	ND @10'			
Toluene	3.2 @10'			
Ethyl-benzene	4.6 @10'			
Xylene	215 @10'			

COMMENTS : *Soil samples were taken to a depth of 50 ft and no TPHg or BTEX component were detected deeper than 40 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 23.0 , Tank No. 64.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

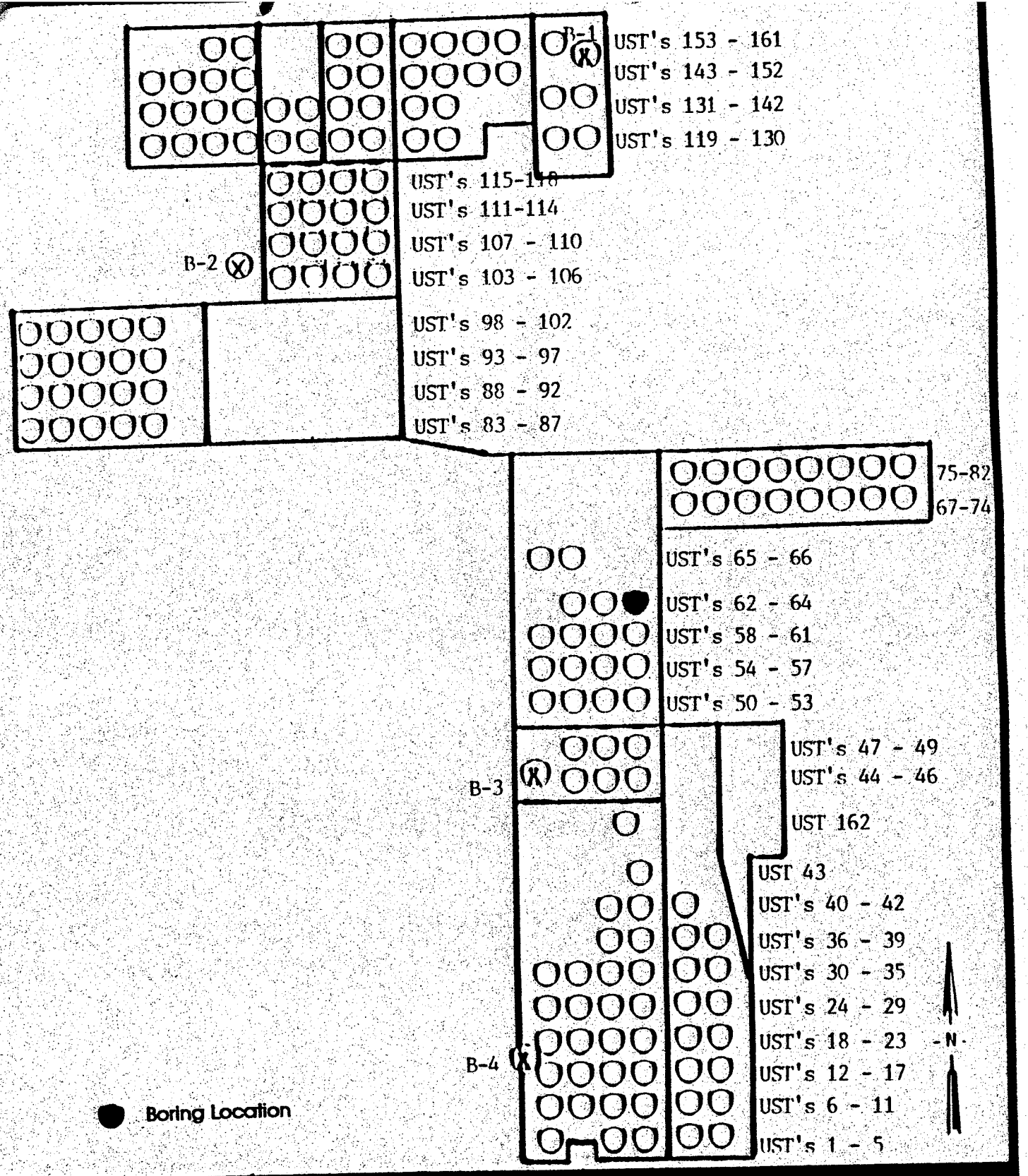
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert E Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 6	210	ND	ND	ND	ND
At 10 ft	2845	ND	3.2	215	4.6
At 15 ft	2084	ND	2.1	182	2.2
At 20 ft	665	ND	.4	33	ND
At 25 ft	ND	ND	ND	ND	.4
At 30 ft	120	ND	ND	3.1	.1
At 35 ft	30	ND	.07	.28	.03
At 40 ft	ND	ND	ND	ND	ND
At 45 ft	ND	ND	ND	ND	ND
At 50 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

13-20-64

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

MAY 14 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 67
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation contained in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield (w/attachments)

File Ref: Working (UST C SUNW 24); 7T2225085

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 5/1/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225085
FILE CODE NO: *UST C SUNW 24.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm) BEFORE	SOIL (ppm) AFTER	WATER (ppm) BEFORE	WATER (ppm) AFTER
TPHg	955 @ 2'	N/A	N/A	N/A
Benzene	130			
Toluene	700			
Ethyl-benzene	370			
Xylene	2010			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 20 ft and no TPHg or BTEX component were detected deeper then 6 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 24.0 , Tank No. 67 .*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

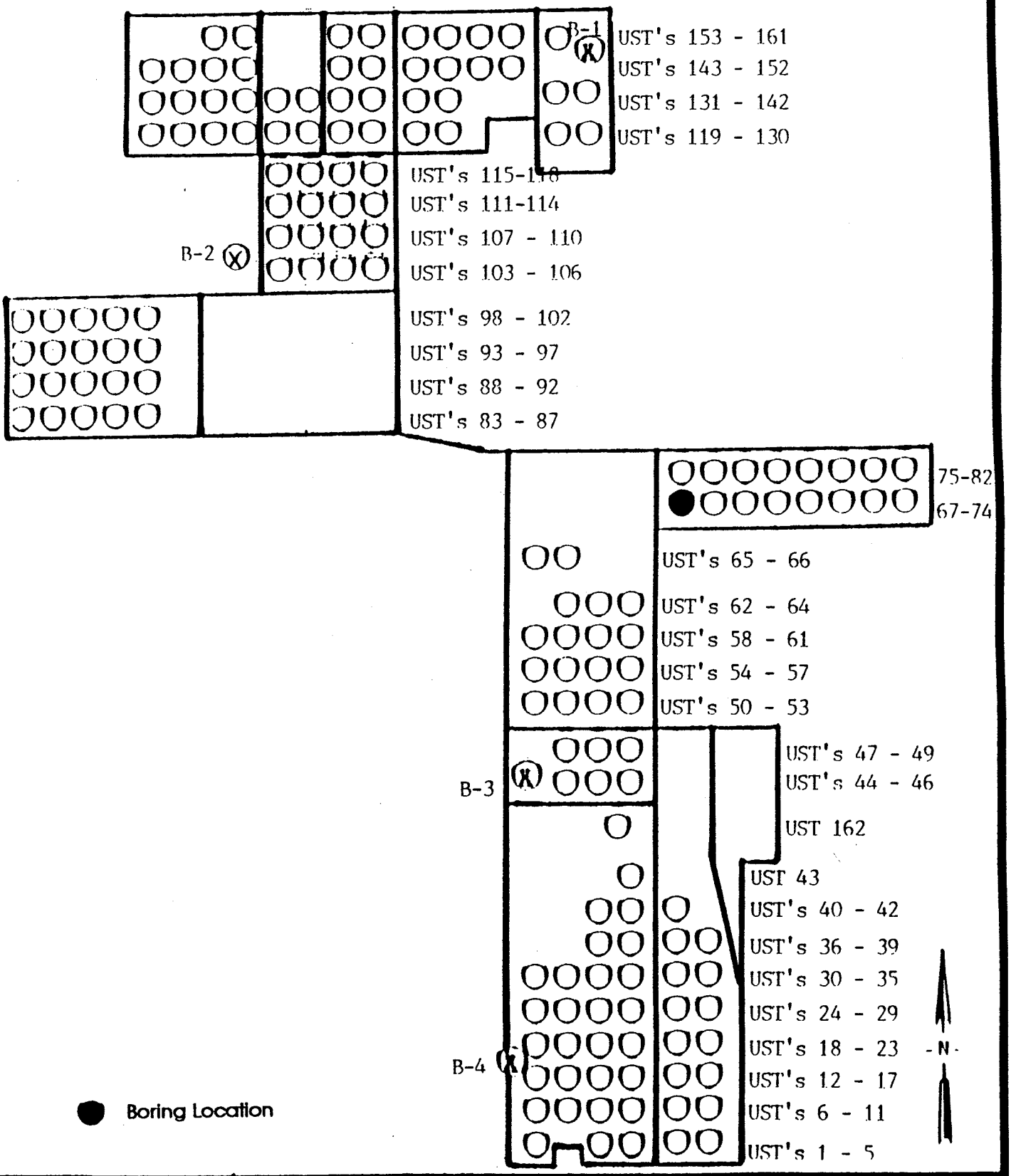
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Stephen Hearin for

V. ADDITIONAL COMMENTS, DATA, ETC.

At 6 ft no TPHg or BTEX detected
At 10 ft no TPHg or BTEX detected
At 15 ft no TPHg or BTEX detected
At 20 ft no TPHg or BTEX detected



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

17-9-67

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JAN 23 1997

Paul W. Knupp
Sunworld
P. O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 68
15550 West Hobsonway
Blythe, CA 92226

Following review of all technical reports and information in the subject case file, this letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/jb

Enc.: As noted above

cc: Dave Deaner, State Water Resources Control Board, CWP, UST Cleanup Fund, Sacramento
Jonathan Buck, AEC, Bakersfield

File Ref: 7T2225086, UST C SUNW 25.0

UNDERGROUND STORAGE TANK
CASE SUMMARY
(soil only)

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: Jan 14, 97	LUSTIS Case No. 7T2225086	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch 15550 West Hobsonway Blythe CA	Responsible Parties: Sun World	Address: Paul Knupp P.O. Box 9110 Bakersfield, CA 93389	Phone: 805 833-6460

CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	300	Gasoline	Removed.	8/91
2				
3				
4				

I. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 miles away		
GW. highest depth: 90 Ft	GW. lowest depth: unknown	Flow direction: South East
GW. impacted: Yes (No)	Maximum depth sampled: 70 Ft bgs	SW. impacted: Yes (No)

II. DOCUMENTED RESIDUAL CONTAMINANT CONCENTRATIONS (ND=not detected, NA -not analyzed)

Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)	Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)
TPH(gas)	3000	45	ND	65	Ethyl-benzene	65	45	ND	65
TPH (diesel)	NA				Xylenes	389	45	ND	65
Benzene	9.0	45	ND	65	MTBE			ND	65
Toluene	140	45	ND	65	Other				

V. SHALLOW SOIL POLLUTION

Highest TPH concentration found above 10 feet below grade: 3000 mg/kg

VI. SOIL REMEDIATION

Method: None	Duration of remediation: N/A

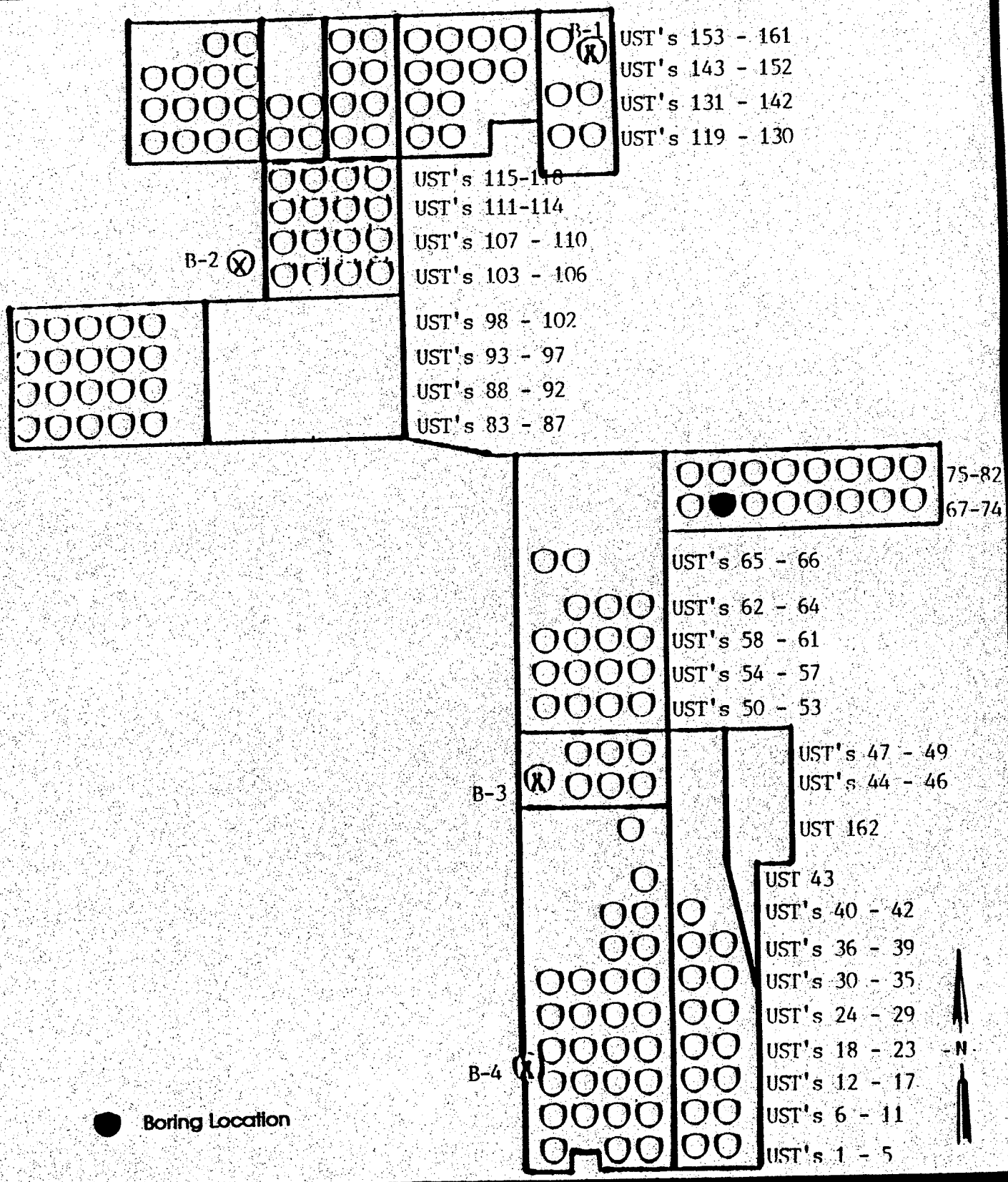
VII. RESOLUTION

RWQCB Case Closure? (Yes) ~~No~~
Additional Action Required: Issue No Further Action letter

VIII. COMMENTS

Soil pollution was detected to 55 Ft below grade. No pollution was detected below 55 Ft and the soil boring went to 70 Ft below grade.

This summary is for UST C SUNW25.0, ~~Case~~ UST No. 68



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

17-10-68

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE 2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JAN 23 1997

Paul W. Knupp
Sunworld
P. O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 71
15550 West Hobsonway
Blythe, CA 92226

Following review of all technical reports and information in the subject case file, this letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jb

Enc.: As noted above

cc: Dave Deaner, State Water Resources Control Board, CWP, UST Cleanup Fund, Sacramento
Jonathan Buck, AEC, Bakersfield

File Ref: 7T2225087, UST C SUNW 26.0

UNDERGROUND STORAGE TANK
CASE SUMMARY
(soil only)

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: 14 Jan 97	LUSTIS Case No. 7T2225087	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch 15550 West Hobsonway Blythe CA	Responsible Parties: Sunworld	Address: Paul Knupp P.O. Box 9110 Bakersfield CA	Phone:

I.CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	300	Gasoline	Removed	91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 miles away		
GW. highest depth: 90 ft bgs	GW. lowest depth: unknown	Flow direction: South East
GW. impacted: Yes (No)	Maximum depth sampled: 60 ft	SW. impacted: Yes No

III. DOCUMENTED RESIDUAL CONTAMINANT CONCENTRATIONS (ND=not detected, NA -not analyzed)

Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)	Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)
TPH(gas)	3400	2	ND	60	Ethyl-benzene	27	25	ND	60
TPH (diesel)					Xylenes	890	2'	ND	60
Benzene	27	2	ND	35	MTBE	NA		NA	
Toluene	47	2	ND	60	Other				

IV. SHALLOW SOIL POLLUTION

Highest TPH concentration found above 10 feet below grade: 3400 mg/kg

IV. SOIL REMEDIATION

Method: None	Duration of remediation: N/A

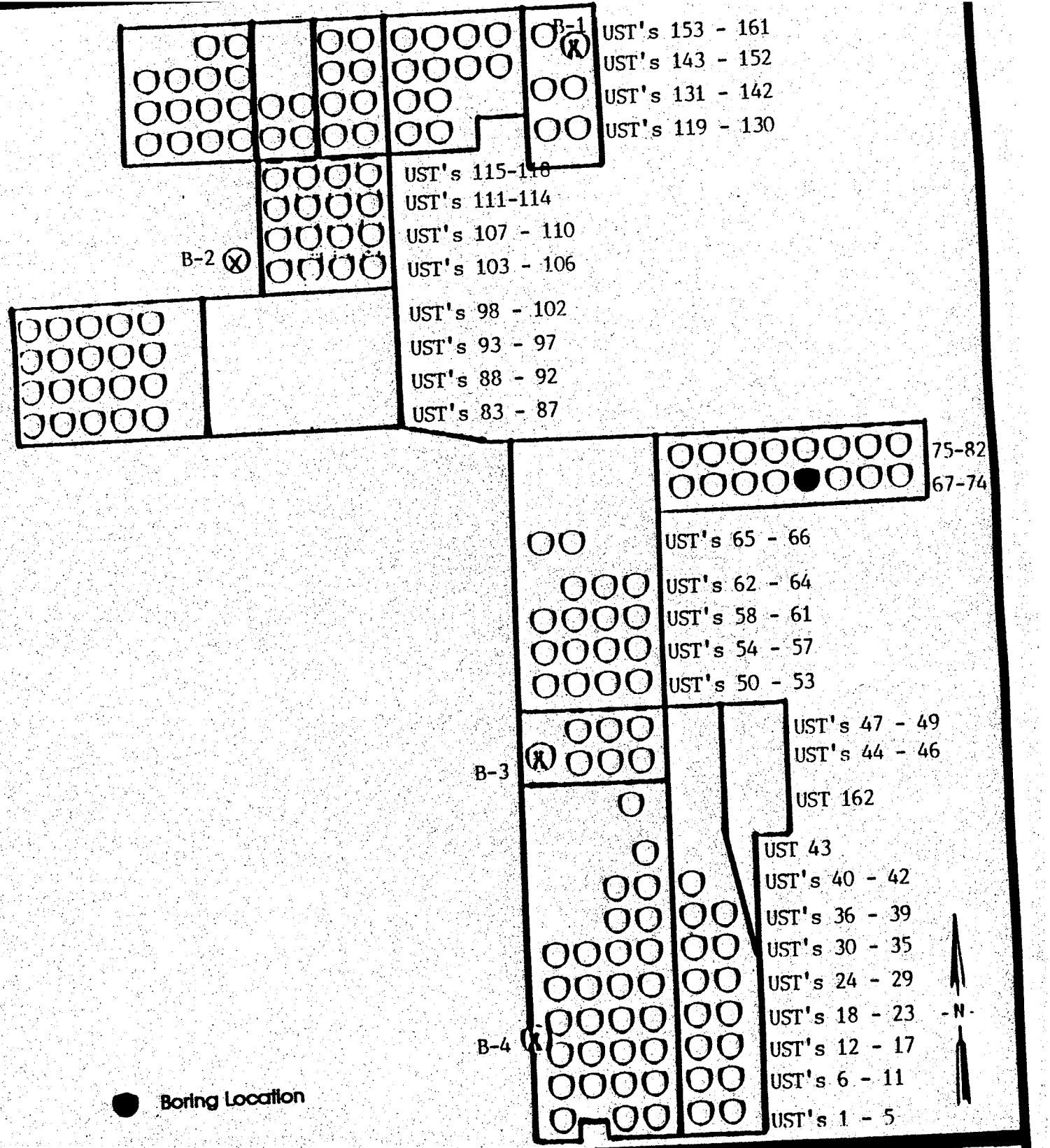
V. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue No Further Action letter

VI. COMMENTS

Soil pollution detected to 60 ft below grade. Concentrations were low and only benzene was detected at 60 ft below grade.

This Summary is for UST No 71, Case UST C SUNW 26.0



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

17-13-71

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 26 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 72
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225088, UST C SUNW 27.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: Aug 19, 1996

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225088
FILE CODE NO: *UST C SUNW 27.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg Benzene Toluene Ethyl-benzene Xylene	1500 @20' 52 @6' 170 @20' 27 @20' 165 @20'	N/A	N/A	N/A

COMMENTS: *Soil samples were taken to a depth of 50 ft and no TPHg or BTEX component were detected deeper than 50 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 27.0 , Tank No. 72.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

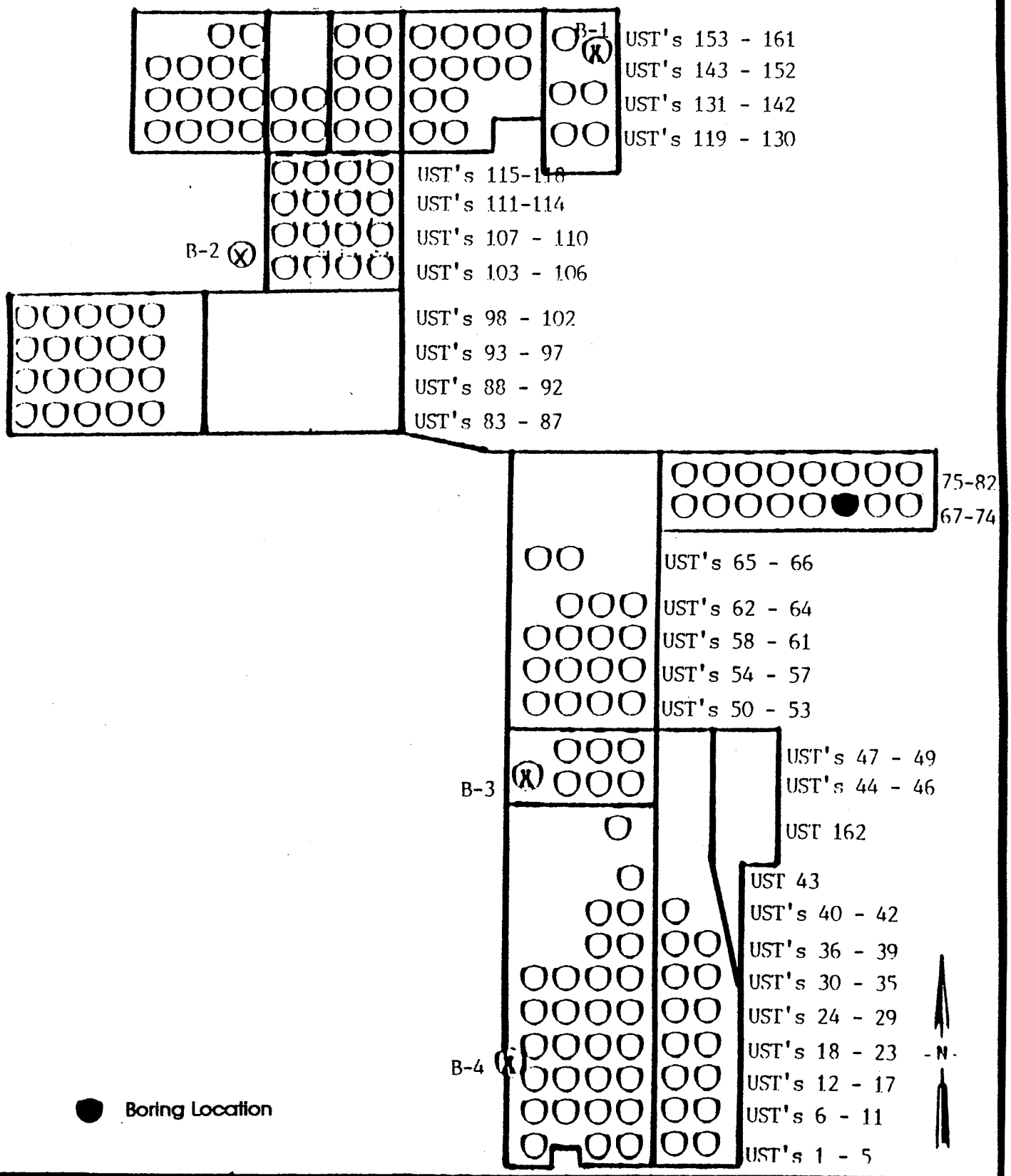
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 2 ft	920	16	95	144	18
At 6 ft	1200	52	160	140	22
At 15 ft	400	6.9	58	85	14
At 20 ft	1500	49	170	165	27
At 30 ft	6.2	.15	.48	.72	.088
At 35 ft	1.1	.082	.035	.063	.010
AT 40 ft	ND	.006	.014	ND	ND
At 45 ft	ND	ND	.007	.021	ND
At 50 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

17-14-72

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

MAY 30 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 73
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: Working UST C SUNW 28.0; 7T2225089

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 5/8/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225089
FILE CODE NO: *UST C SUNW 28.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	1800 @ 15'	N/A	N/A	N/A
Benzene	2.5			
Toluene	62			
Ethyl-benzene	14			
Xylene	289			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 45 ft and no TPHg or BTEX component were detected at 45 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 28.0 , Tank No. 73.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

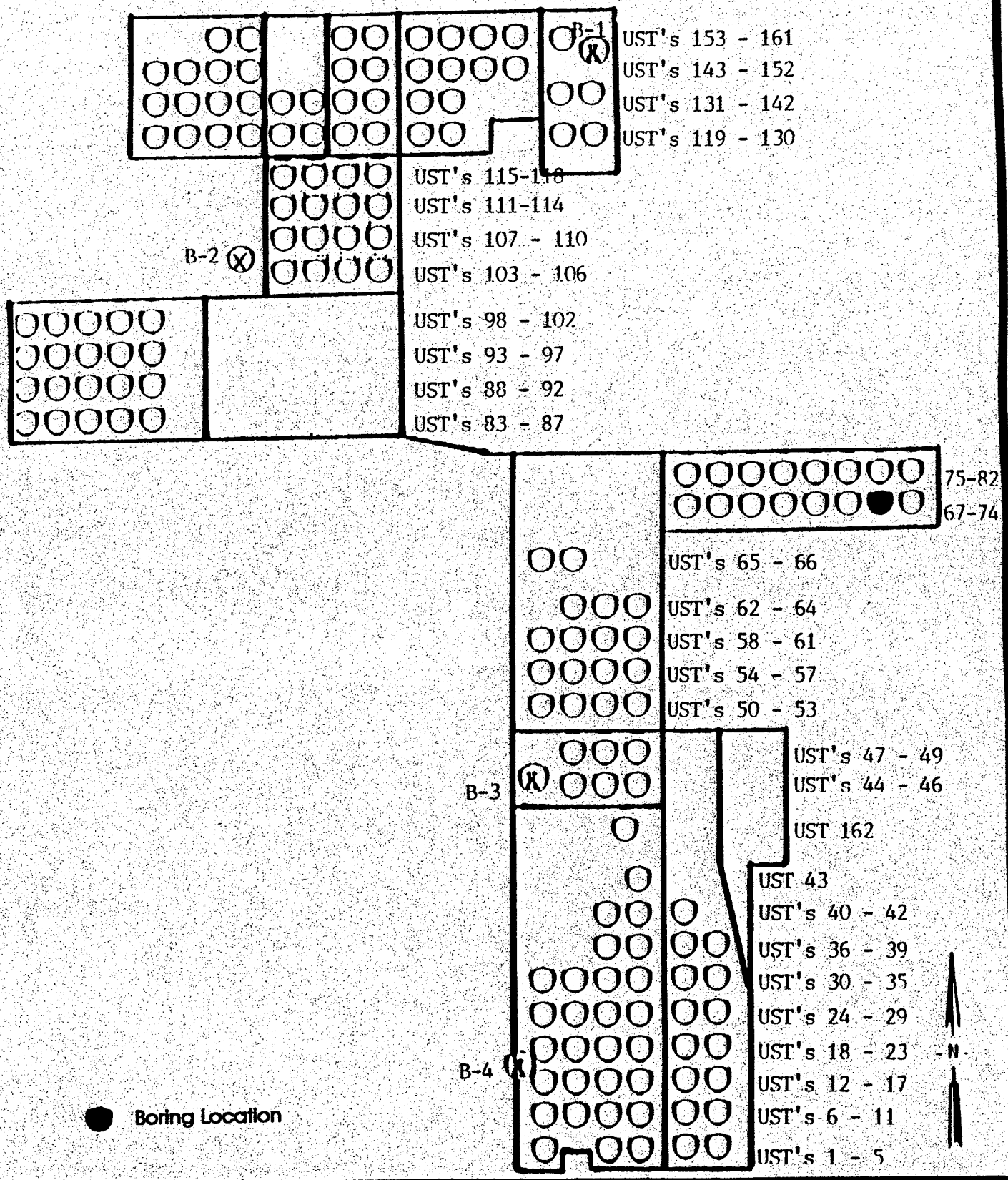
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert G Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Stephen Dennis

V. ADDITIONAL COMMENTS, DATA, ETC.

	Concentration (mg/kg)				
Depth	TPHg	Benzene	Toluene	Xylenes	Ethylbenzene
At 6 ft	880	.72	13	121	2.0
At 15 ft	1800	2.5	62	289	14
At 25 ft	15	ND	.026	1.55	.038
At 35 ft	1.4	ND	ND	.078	ND
At 40 ft	ND	ND	ND	.0052	ND
At 45 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

17-15-73

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JAN 23 1997

Paul W. Knupp
Sunworld
P. O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 74
15550 West Hobsonway
Blythe, CA 92226

Following review of all technical reports and information in the subject case file, this letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jb

Enc.: As noted above

cc: Dave Deaner, State Water Resources Control Board, CWP, UST Cleanup Fund, Sacramento
Jonathan Buck, AEC, Bakersfield

File Ref: 7T2225~~086~~ 90, UST C SUNW 29.0

UNDERGROUND STORAGE TANK
CASE SUMMARY
(soil only)

a
mental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

ate: Jan 14 97	LUSTIS Case No. 7T2225086	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe lemon Ranch 15850 West Hobsonway Blythe	Responsible Parties: Sunworld	Address: Paul Knupp P.O Box 9110 Bakersfield CA 93309-1698	Phone: 805 833-6460

I.CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	300	Gasoline	Removed	8/91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal	
Distance to nearest municipal supply well: Over 1.5 miles away			
GW. highest depth: 90 ft	GW. lowest depth: unknown	Flow direction: South East	
GW. impacted: Yes (No)	Maximum depth sampled: 50 ft	SW. impacted: Yes (No)	

III. DOCUMENTED RESIDUAL CONTAMINANT CONCENTRATIONS (ND=not detected, NA -not analyzed)

Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)	Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)
TPH(gas)	1600	2	1.1	50	Ethyl-benzene	31	2	.038	50
TPH (diesel)					Xylenes	283	2	.208	50
Benzene	2.0	2	ND	50	MTBE				
Toluene	48	2	.04		Other				

IV. SHALLOW SOIL POLLUTION

Highest TPH concentration found above 10 feet below grade: 1600 mg/kg

IV. SOIL REMEDIATION

Method: None	Duration of remediation: N/A

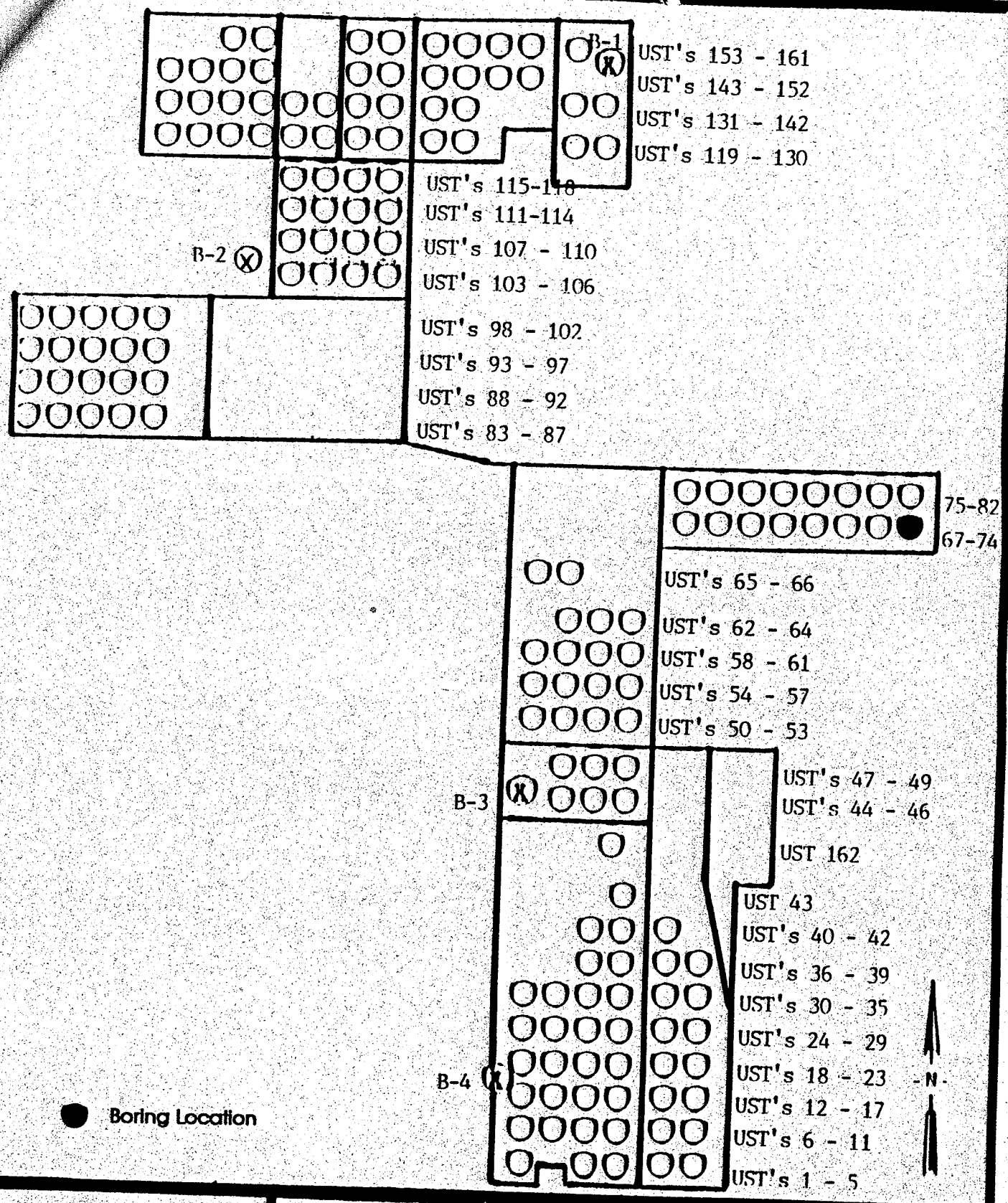
V. RESOLUTION

RWQCB Case Closure? Yes (No)
Additional Action Required: Issue No Further Action Letter

VI. COMMENTS

Soil Pollution detect at 50 ft below grade. Concentrations were low with no benzene detected.

This Summary is for UST No 74, Case UST C SUNW 29.0



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

17-16-74

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRON AL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JUL - 2 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 75
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: Working UST C SUNW 30.0; 7T2225091

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 5/8/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225091
FILE CODE NO: *UST C SUNW 30.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	3300 @ 6'	N/A	N/A	N/A
Benzene	33			
Toluene	120			
Ethyl-benzene	83			
Xylene	660			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 45 ft and no TPHg or BTEX compounds were detected at this depth. Ground water is reported to be at 90 ft below grade. This summary is for UST C SUNW 30.0 , Tank No. 75.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

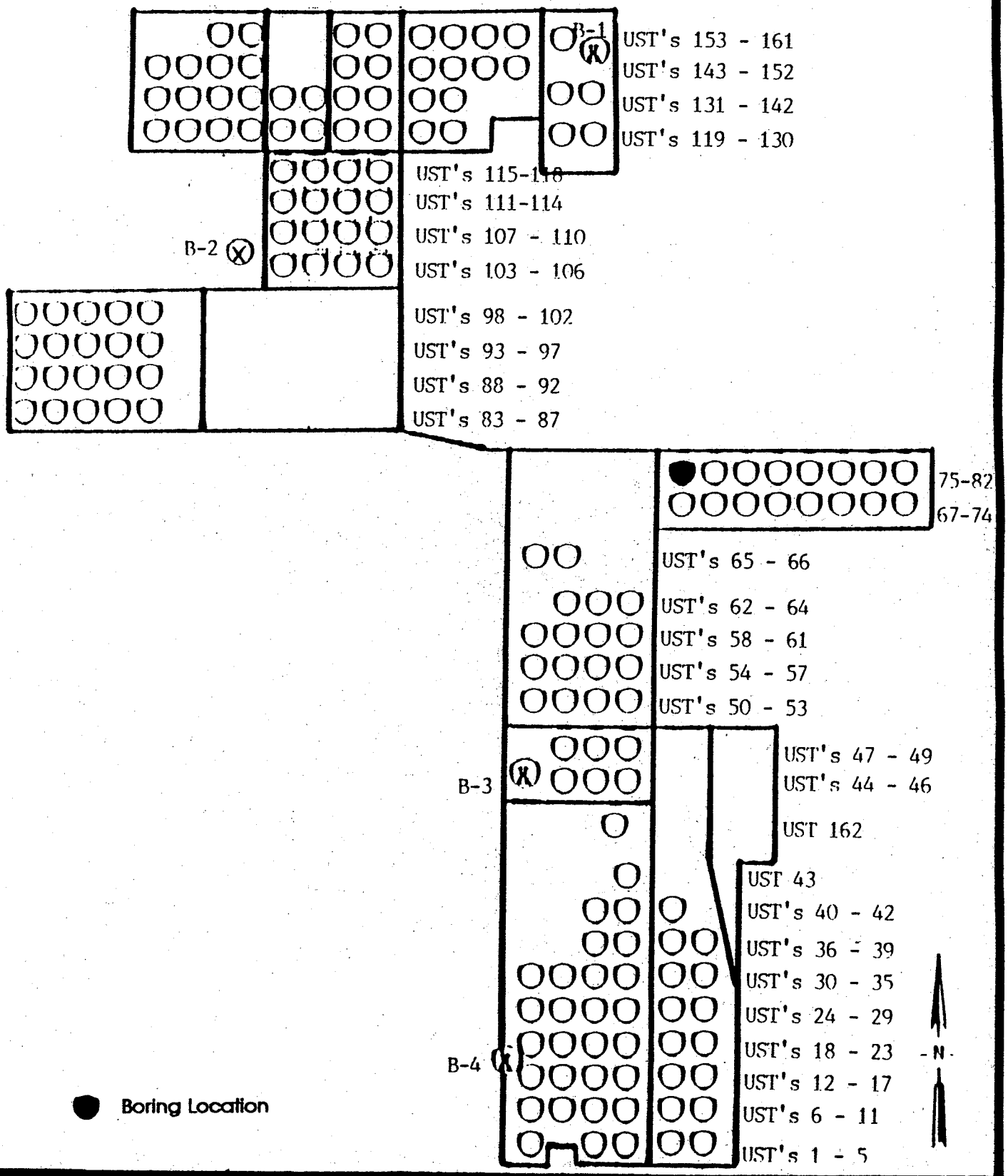
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Steph. Dunn

V. ADDITIONAL COMMENTS, DATA, ETC.

Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 6 ft	3300	33	120	660	83
At 10 ft	1200	1.2	41	224	15
At 20 ft	270	.60	21	71	6.8
At 30 ft	710	1.0	8.5	51	7.2
At 40 ft	ND	.0053	.059	.119	.014
At 45 ft	ND	ND	ND	ND	ND



"ADVANCED ENVIRONMENTAL CONCEPTS INC"
P.O. BOX #0672
BAKERSFIELD, CA 93384

- Site Map -

17-1-75

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

SEP 18 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 80
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225092, UST C SUNW 31.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION DATE:_____

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225092
FILE CODE NO: *UST C SUNW 31.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	1200 @6'	N/A	N/A	N/A
Benzene	1.3 @6'			
Toluene	33 @6'			
Ethyl-benzene	26 @35'			
Xylene	222 @35'			

COMMENTS: *Soil samples were taken to a depth of 60 ft and no TPHg or BTEX component were detected deeper than 60 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 31.0 , Tank No. 80.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

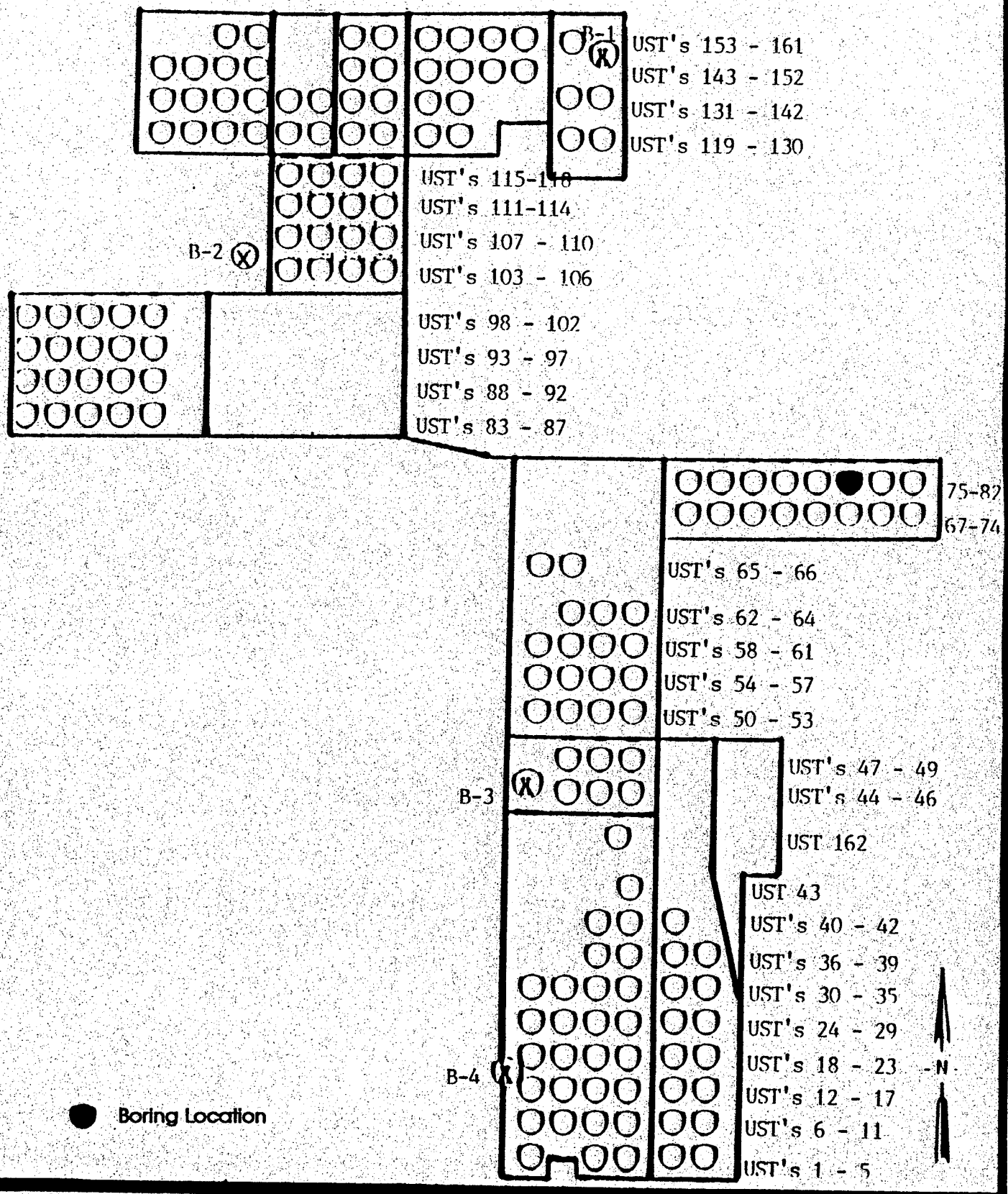
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker:_____
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile:_____

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	Concentration (mg/kg) TPHg	Benzene	Toluene	Xylenes	Ethylbenzene
At 2 ft	ND	ND	.97	ND	ND
At 6 ft	1200	1.3	33	164	13
At 15 ft	410	ND	11	84	10
At 25 ft	350	.060	2.8	52	2.3
At 35 ft	1500	.31	13	222	26
AT 45 ft	1000	ND	33	206	31
At 55 ft	ND	ND	.065	.184	.025
At 60 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

17-6-80

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JUL 22 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: Underground Storage Tank (UST) Case
UST No. 81
15550 W. Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation contained in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

PHIL GRUENBERG
Executive Officer

RT/slh

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc:. (as noted above)

File: Working (UST C SUNW 32.0) 7T225093

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 5/8/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225093
FILE CODE NO: *UST C SUNW 32.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	1900 @ 2'	N/A	N/A	N/A
Benzene	2.0			
Toluene	44			
Ethyl-benzene	19			
Xylene	260			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 20 ft and no TPHg or BTEX compounds were detected below 10 ft below grade. Ground water is reported to be at 90 ft below grade. This summary is for UST C SUNW 32.0 , Tank No. 81.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

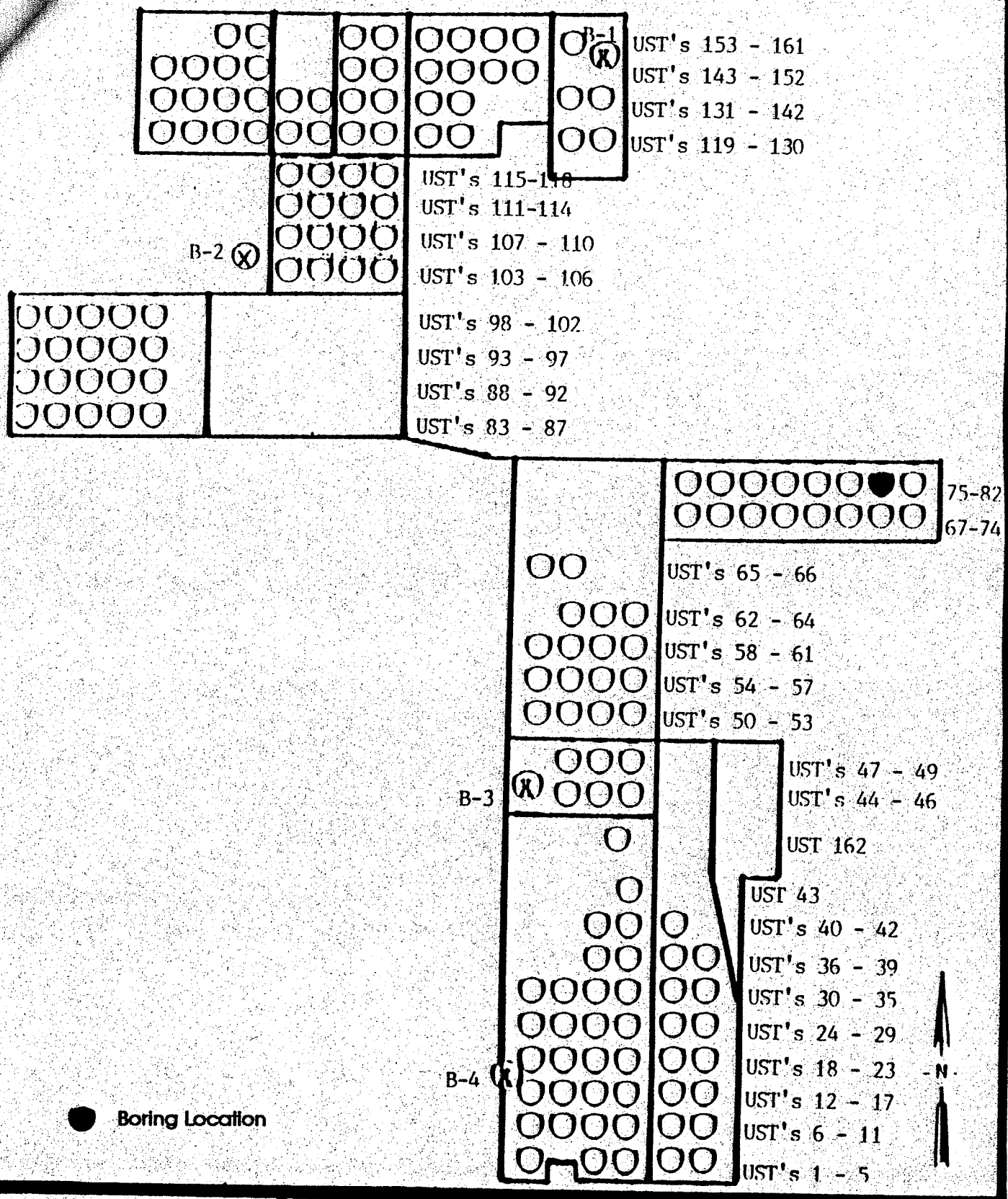
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Stephen Dennis

V. ADDITIONAL COMMENTS, DATA, ETC.

	Concentration (mg/kg)				
Depth	*TPHg*	*Benzene*	*Toluene*	*Xylenes*	*Ethylbenzene*
At 6 ft	*1.9*	*ND*	*ND*	*.030*	*ND*
At 10 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 15 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 20 ft	*ND*	*ND*	*ND*	*ND*	*ND*



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

17-7-81

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONME[illegible] PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JAN 23 1997

Paul W. Knupp
Sunworld
P. O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 82
15550 West Hobsonway
Blythe, CA 92226

Following review of all technical reports and information in the subject case file, this letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jb

Enc.: As noted above

cc: Dave Deaner, State Water Resources Control Board, CWP, UST Cleanup Fund, Sacramento
Jonathan Buck, AEC, Bakersfield

File Ref: 7T2225094 UST C SUNW 33.0

7T2 225 094

UNDERGROUND STORAGE TANK
CASE SUMMARY
(soil only)

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: Jan 14, 97	LUSTIS Case No. 7T2225094	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch 15550 West Hobson way Blythe	Responsible Parties: Sunworld	Address: Paul Knupp. P.O. Box 9110 Bakersfield CA 93309-1698	Phone: 805 833-6460

I. CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	300	Gasoline	Removed	8/91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal	
Distance to nearest municipal supply well: Over 1.5 mile away			
GW. highest depth: 90 Ft bgs	GW. lowest depth: unkown	Flow direction: South East	
GW. impacted: Yes (No)	Maximum depth sampled: 45 Ft		SW. impacted: Yes (No)

III. DOCUMENTED RESIDUAL CONTAMINANT CONCENTRATIONS (ND=not detected, NA -not analyzed)

Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)	Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)
TPH(gas)	2300	2	1.1	40	Ethyl-benzene	33	2	.0051	40
TPH (diesel)					Xylenes	390	2	.0521	40
Benzene	17	2	ND	40	MTBE	NA		NA	
Toluene	170	2	.015	45	Other				

IV. SHALLOW SOIL POLLUTION

Highest TPH concentration found above 10 feet below grade: 2300 mg/kg

IV. SOIL REMEDIATION

Method: None	Duration of remediation: N/A

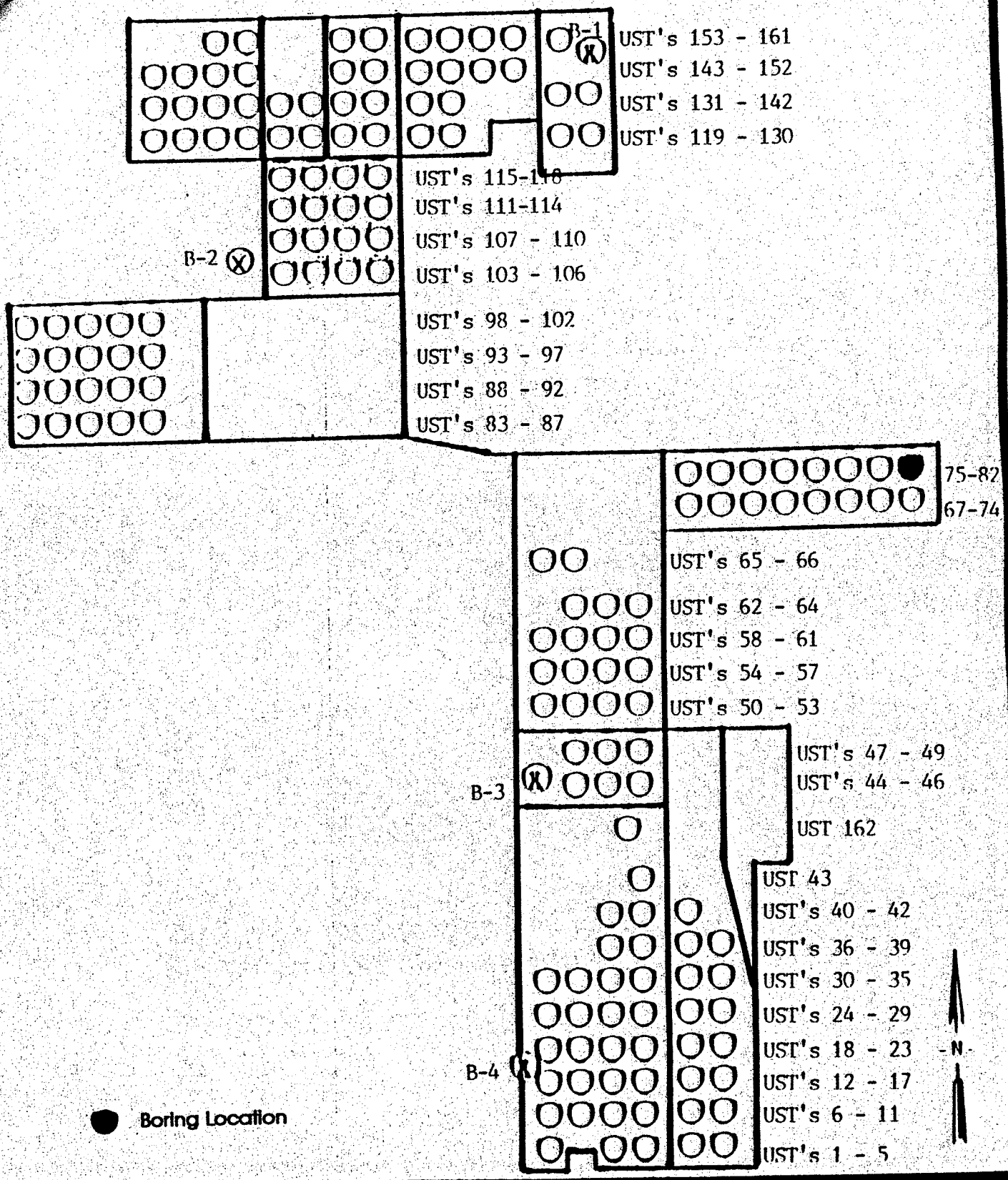
V. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue No Further Action letter

VI. COMMENTS

Soil Pollution detected to 45 Ft below grade. Concentrations low with no benzene detected at either 40 or 45 Ft below grade.

This summary is for UST No 82, Case File USTC.SUNW33.0



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

17-8-82

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 1 3 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 83
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: 7T2225095, UST C SUNW 34.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 7/22/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225095
FILE CODE NO: *UST C SUNW 34.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg Benzene Toluene Ethyl-benzene Xylene	8370 @ 25' 3.3 @6' 63 @ 25' 13 @ 25' 740 @ 25'	N/A	N/A	N/A

COMMENTS : *Soil samples were taken to a depth of 40 ft and no TPHg or BTEX component were detected deeper than 35 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 34.0 , Tank No. 83 .*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

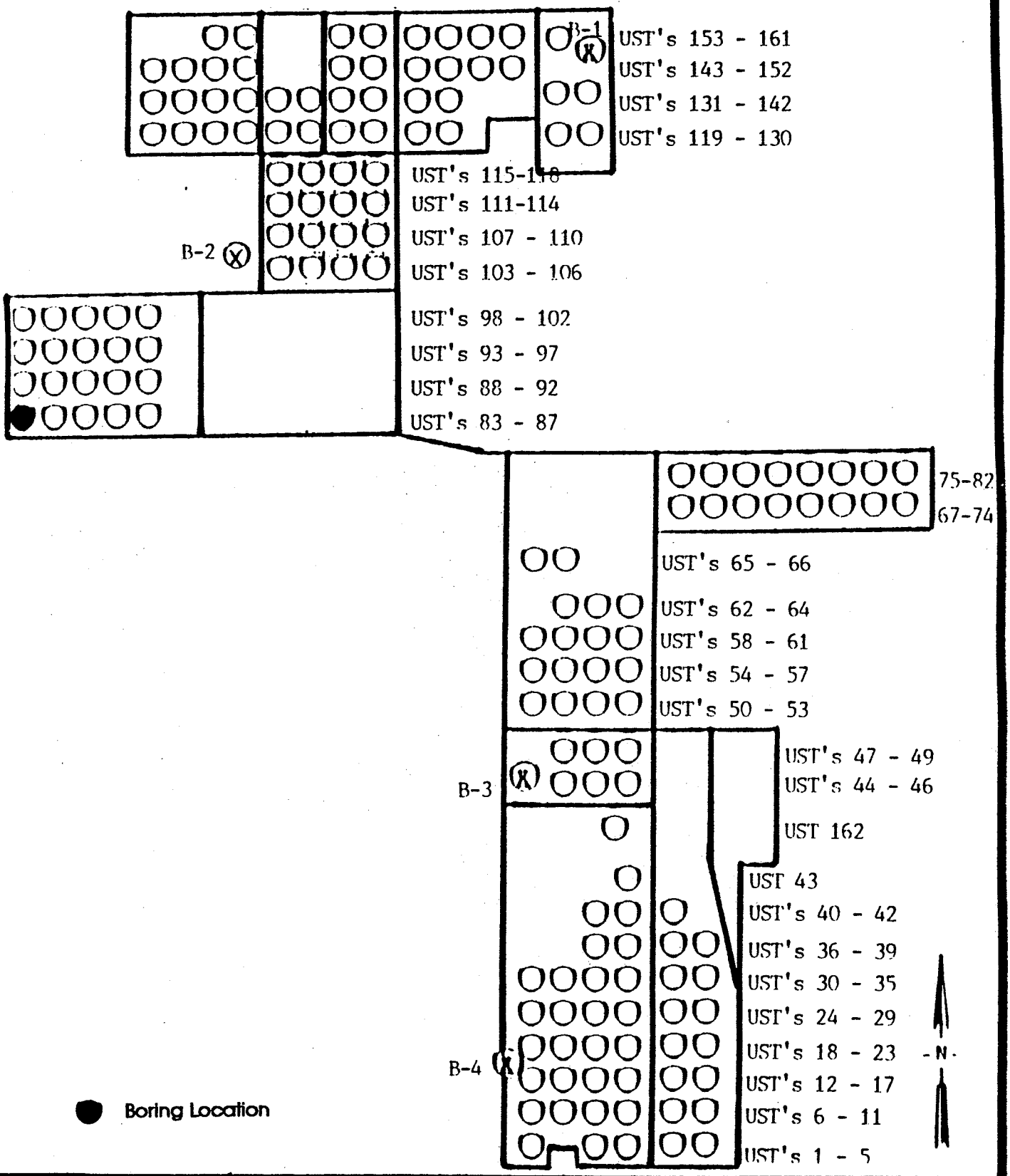
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 6	1400	3.3	7.6	219	13
At 10 ft	4050	ND	10	240	11
At 15 ft	2520	ND	1.8	100	ND
At 20 ft	5020	ND	1.6	350	ND
At 25 ft	8370	ND	63	740	13
At 30 ft	2300	ND	ND	90	ND
At 35 ft	ND	ND	ND	ND	ND
At 40 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

14-16-83

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JUL 22 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 85
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation contained in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield (w/attachments)

File Ref: Working, 7T2225096; UST C SUNW 35.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 5/6/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225096
FILE CODE NO: *UST C SUNW 35.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	2400 @ 6'	N/A	N/A	N/A
Benzene	31			
Toluene	140			
Ethyl-benzene	92			
Xylene	490			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 35 ft and no TPHg or BTEX component were detected deeper then 25 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 35.0 , Tank No. 85.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

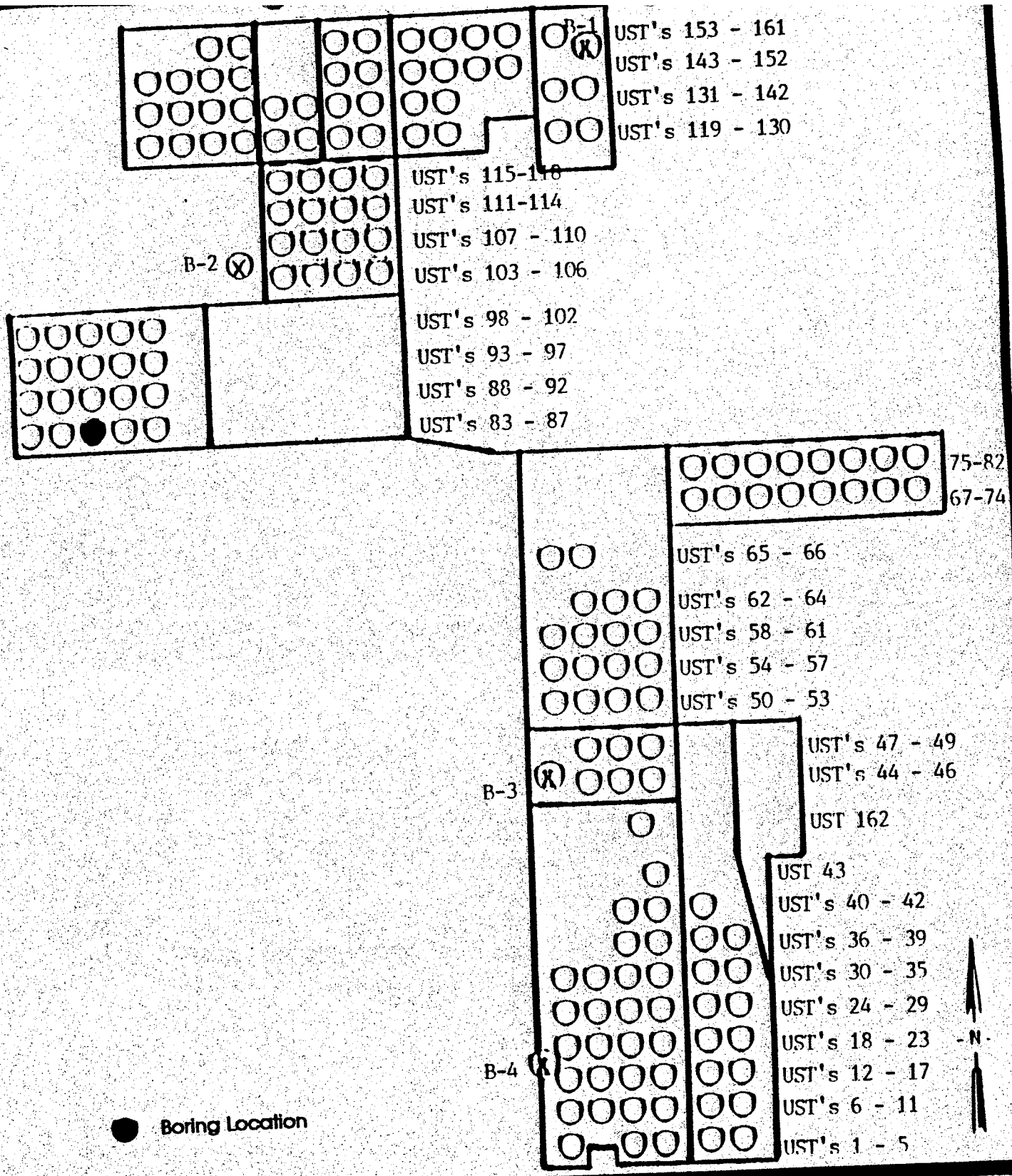
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Stephen Quarino

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	*TPHg*	*Concentration (mg/kg)* *Benzene*	*Toluene*	*Xylenes*	*Ethylbenzene*
At 6	*2400*	*31*	*140*	*490*	*92*
At 15 ft	*140*	*ND*	*1.1*	*18*	*0.1*
At 20 ft	*120*	*ND*	*.2*	*.1*	*ND*
At 25 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 30 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 35 ft	*ND*	*ND*	*ND*	*ND*	*ND*



NOT TO SCALE

- Site Map -

14-18-85

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

FIGURE

2

•ADVANCED ENVIRONMENTAL CONCEPTS INC•
P.O. BOX 40672
BAKERSFIELD, CA 93384

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

OCT 11 1996

Paul W. Knupp
Sun World
P. O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
Sun World, UST No. 86
15550 West Hobsonway
Blythe, Ca 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/jb

Enc.: As noted above

cc: Dave Deaner, State Water Resources Control Board, CWP, UST Cleanup Fund, Sacramento
Jonathan Buck, AEC, Bakersfield

File Ref: 7T2225097, UST C SUNW 36.0

UNDERGROUND STORAGE TANK
CASE SUMMARY

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: October 10, 96	LUSTIS Case No. 7T2225097	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe lemon Ranch 15550 west Hobsonway Blythe	Responsible Parties: Sunworld	Address: Paul Knupp P.O. Box 9110 Bakersfield, CA 93309-1698	Phone: 805 833-6460

I.CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	500	Gasoline	Removed	8/91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal	
Distance to nearest municipal supply well: Over 1.5 miles away			
GW. highest depth: 90 ft bgs	GW. lowest depth:	Flow direction: South East	
GW. impacted: Yes (No)	Maximum depth sampled: 50 ft bgs	SW. impacted: Yes (No)	

III. MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS- INITIAL AND LATEST (ND= non detected)

Contaminant	Soil mg/kg		Water		Contaminant	Soil mg/kg		Water	
	Initial Year(93)	Latest Year( )	Initial Year( )	Latest Year( )		Initial Year(93)	Latest Year( )	Initial Year( )	Latest Year( )
TPH(gas)	5790				Ethyl-benzene	2.9			
TPH (diesel)	—				Xylenes	500			
Benzene	~~ND~~ .61				MTBE	—			
Toluene	9.8				Other	—			

IV. SOIL REMEDIATION

Method: None	Duration of remediation: N/A

V. GROUND WATER REMEDIATION

Method: None	Duration of remediation: N/A

VI. FREE PRODUCT

Was free product encountered ? Yes (No)	Has free product been totally recovered? YES NO
When was the free product recovery project completed:	

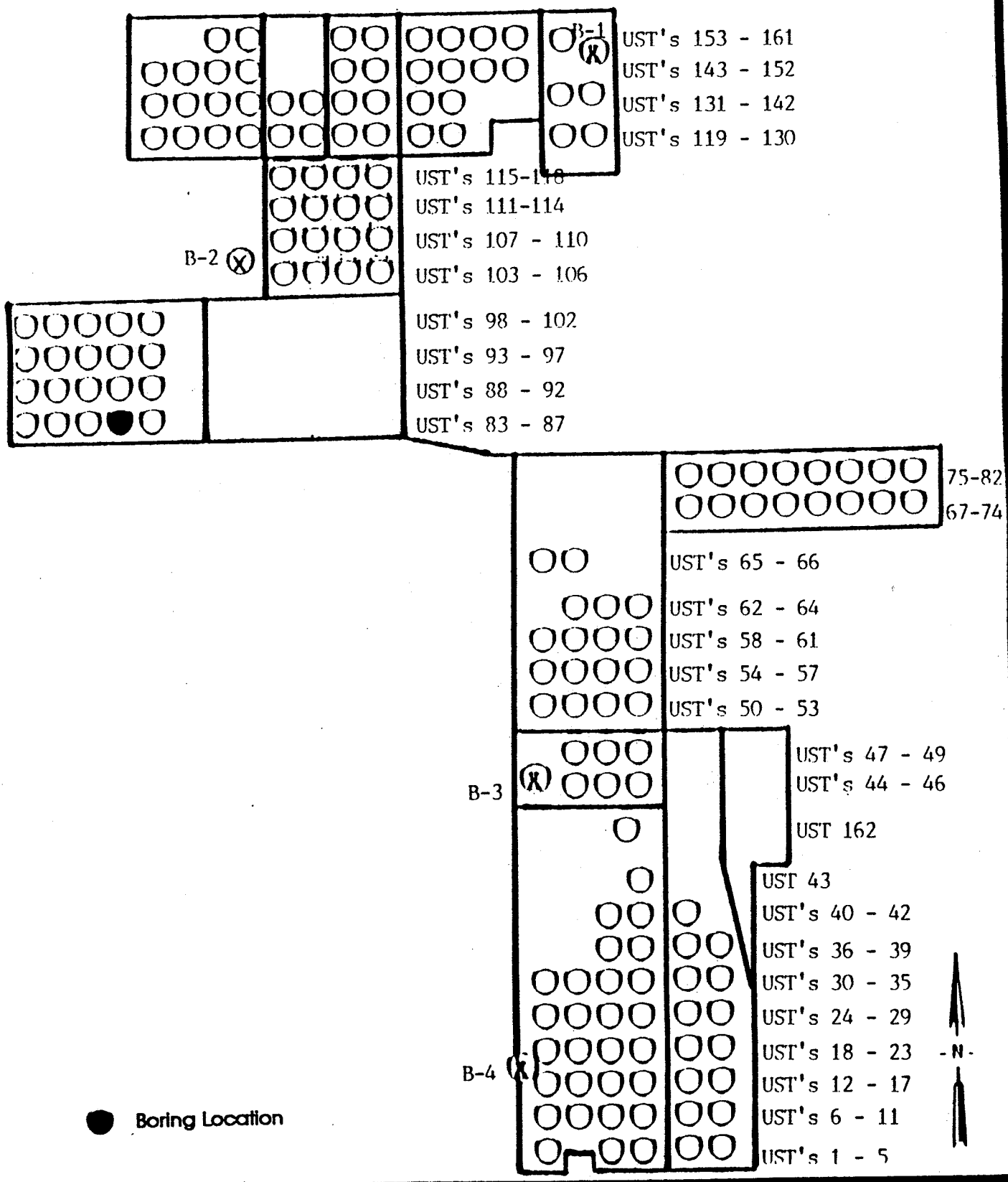
VII. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required:

VIII. COMMENTS

Soil pollution detected to 45 ft. below grade. No soil pollution detected at 50 Ft below grade.

This summary is for UST No. 86, Case file UST C SUNW 36.0



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

14-19-86

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JUL - 2 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 87
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation contained in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield (w/attachments)

File Ref: Working ((UST C SUNW 37.0); 7T2225098

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION DATE: 5/8/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: Blythe Lemon Ranch
SITE FACILITY ADDRESS: 15550 West Hobsonway, Blythe
RB LUSTIS CASE NO:7T2225098
FILE CODE NO: UST C SUNW 37.0
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	Gasoline	Removed	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: Reported at 90ft below grade
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: Colorado Hydrologic Unit

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm) BEFORE	SOIL (ppm) AFTER	WATER (ppm) BEFORE	WATER (ppm) AFTER
TPHg	6490 @20'	N/A	N/A	N/A
Benzene	.94 @6'			
Toluene	13 @20'			
Ethyl-benzene	52 @20'			
Xylene	450 @20'			

COMMENTS (Dept of Remediation, etc): Soil samples were taken to a depth of 40 ft and no TPHg or BTEX component were detected deeper then 30 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 37.0 , Tank No. 87 .

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

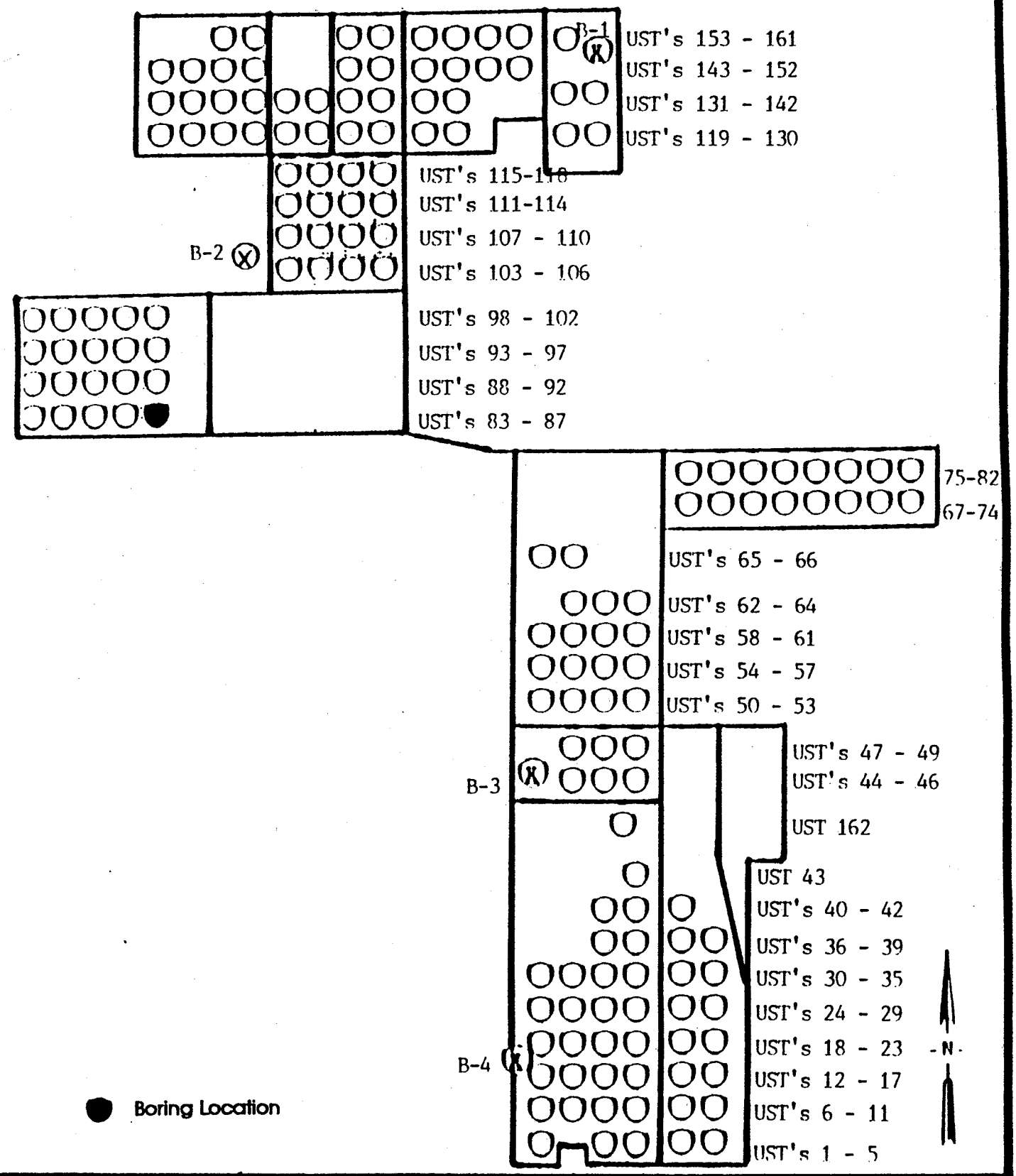
REGIONAL BOARD STAFF RESPONSE: No Further Action

RWQCB STAFF NAME: Robert Tucker: Rob Tucker by Abdi Haile
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Depth	Concentration (mg/kg) TPHg	Benzene	Toluene	Xylenes	Ethylbenzene
At 6	460	.94	8.5	89	14
At 25 ft	1360 mg/kg	ND	13	450	52
At 30 ft	ND	ND	ND	ND	ND
At 35 ft	ND	ND	ND	ND	ND
At 40 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

14-20-87

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

OCT 11 1996

Paul W. Knupp
Sun World
P. O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
Sun World, UST No. 88
15550 West Hobsonway
Blythe, Ca 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jb

Enc.: As noted above

cc: Dave Deaner, State Water Resources Control Board, CWP, UST Cleanup Fund, Sacramento
Jonathan Buck, AEC, Bakersfield

File Ref: 7T2225099, UST C SUNW 38.0

RT

UNDERGROUND STORAGE TANK
CASE SUMMARY

Regional Water Quality Control Board
Colorado River Basin Region

lifornia
nvironmental Protection Agency

Date: October 10,96	LUSTIS Case No. TT2225099	Case Reviewer: Robert Tucker
Site Name/ Address: Blythe Lemon Ranch 15550 West Hobsonway Blythe	Responsible Parties: Sunworld	Address: Paul Knupp P.O. Box 9110 Bakersfield, CA 93309-1698
		Phone: 805 833-6460

I. CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	500	Gasoline	Removed	8/91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good
Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 miles away
Flow direction: South East
GW. highest depth: 90 Ft bgs
GW. lowest depth: unknown
SW. impacted: Yes (No)
GW. impacted: Yes (No)
Maximum depth sampled: 45 Ft bgs

III. MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS- INITIAL AND LATEST (ND= non detected)

Contaminant	Soil mg/kg Initial Year(93)	Soil mg/kg Latest Year( )	Water Initial Year( )	Water Latest Year( )	Contaminant	Soil mg/kg Initial Year(93)	Soil mg/kg Latest Year( )	Water Initial Year( )	Water Latest Year( )
TPH(gas)	4510				Ethyl-benzene	10			
TPH (diesel)	–				Xylenes	615			
Benzene	ND				MTBE	–			
Toluene	60				Other	–			

IV. SOIL REMEDIATION

Method: None
Duration of remediation: N/A

V. GROUND WATER REMEDIATION

Method: None
Duration of remediation: N/A

VI. FREE PRODUCT

Was free product encountered ? Yes (No)
Has free product been totally recovered? YES NO
When was the free product recovery project completed: N/A

VII. RESOLUTION

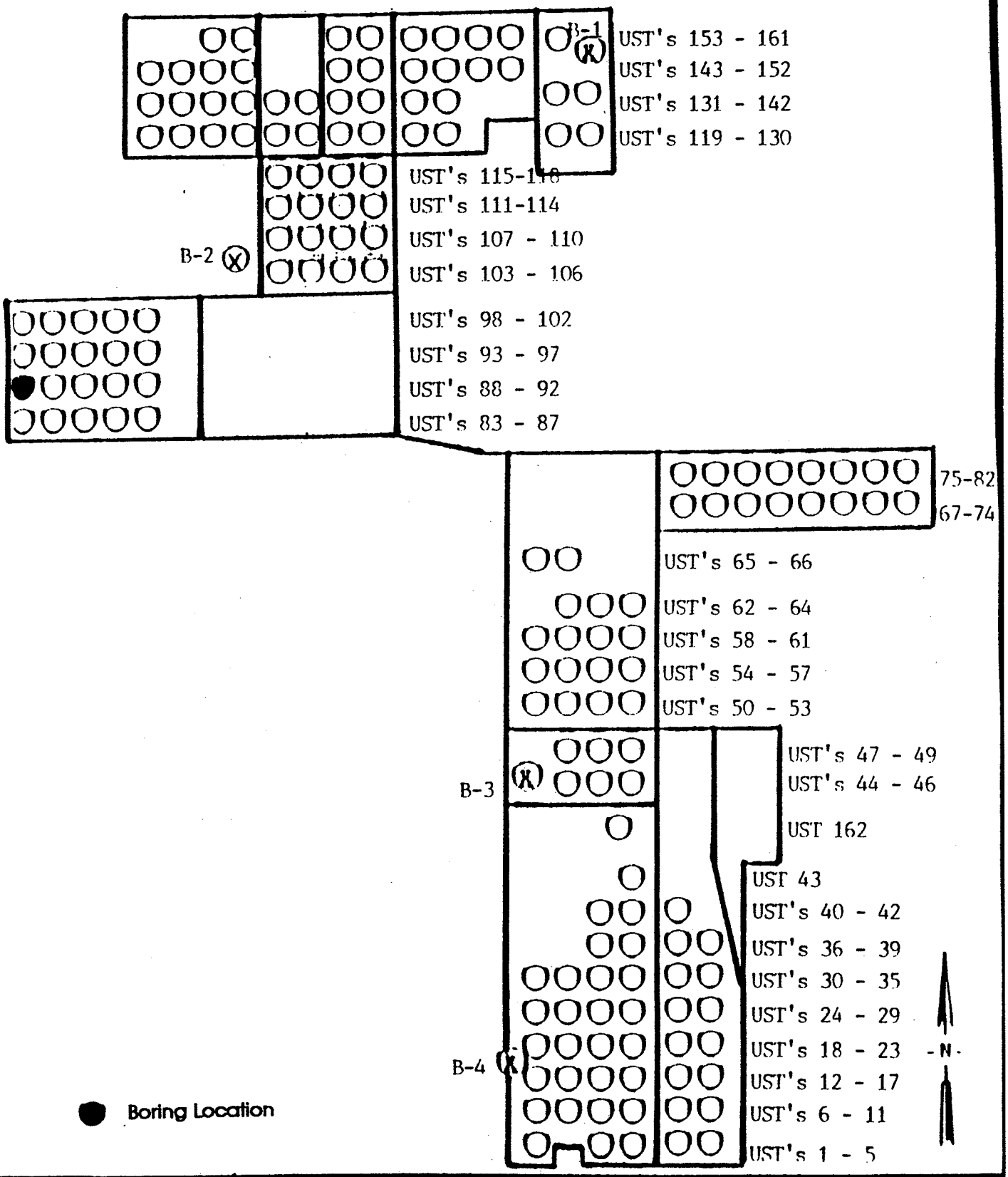
RWQCB Case Closure? (Yes) No
Additional Action Required: Issue No Further Action letter

VIII. COMMENTS

Soil pollution detected to 30 Ft below grade. No soil pollution was detected at 35 Ft, 40 Ft or 45 Ft below grade

This summary is for UST No 88, Case File UST C SUNW 38

9/6/96 Rev1



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40872
BAKERSFIELD, CA 93384

- Site Map -

14-11-88

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STAT OF CALIFORNIA - CALIFORNIA ENVIRONM L PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 13 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 89
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
Phil Gruenberg
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc: As noted above

File Ref: 7T2225100, UST C SUNW 39.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION DATE:_____

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225100
FILE CODE NO: *UST C SUNW 39.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

COPY

Original Signed + Mailed

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	2830 @15'	N/A	N/A	N/A
Benzene	.45 @6'			
Toluene	5.9 @6'			
Ethyl-benzene	176 @20'			
Xylene	16 @20'			

COMMENTS: *Soil samples were taken to a depth of 40 ft and no TPHg or BTEX component were detected deeper than 30 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 39.0 , Tank No. 89.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

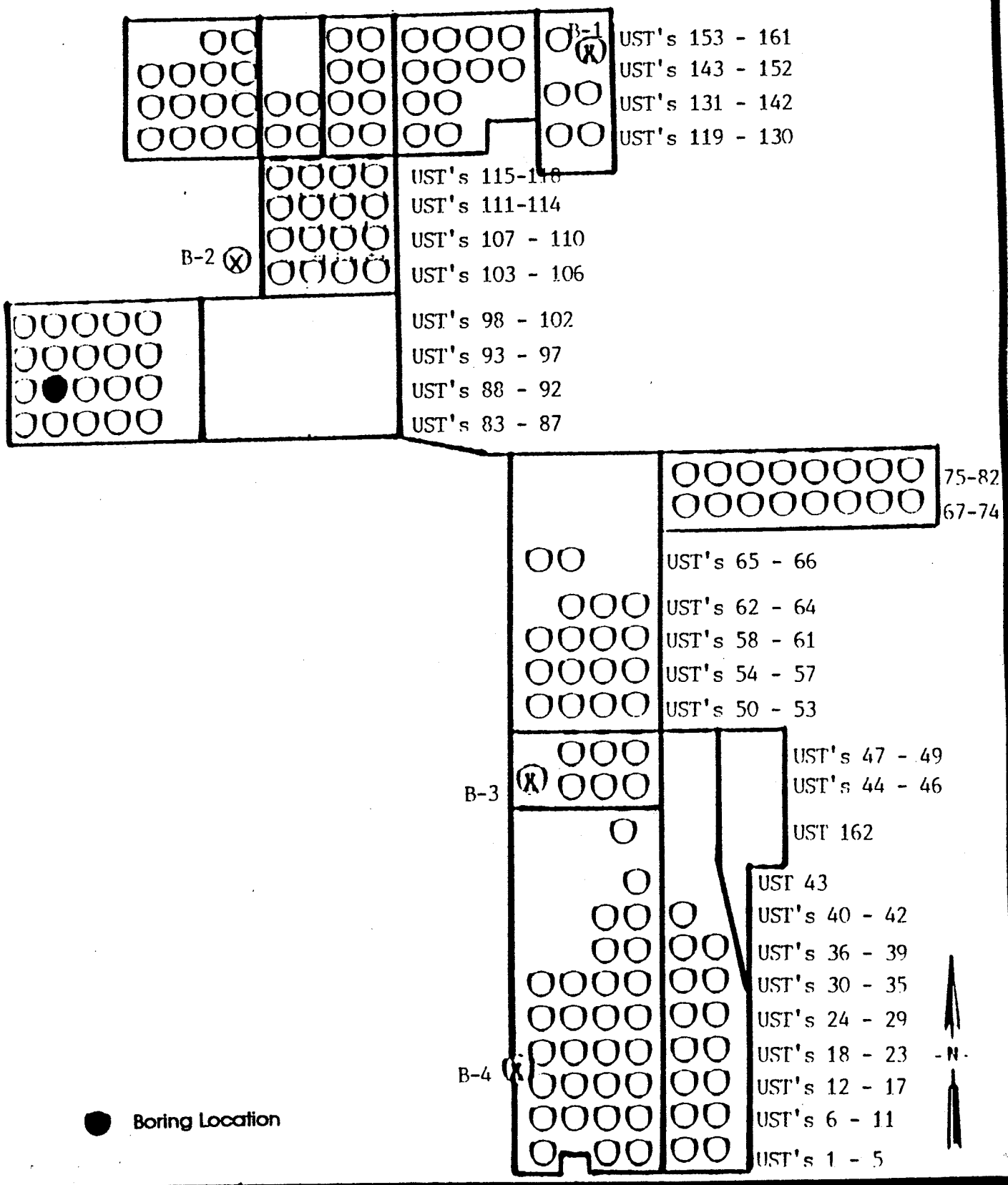
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker:_____
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile:_____

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	*TPHg*	*Concentration (mg/kg)* *Benzene*	*Toluene*	*Xylenes*	*Ethylbenzene*
At 2 ft	*350*	*.1*	*2.0*	*45.3*	*5.7*
At 6 ft	*480*	*.45*	*5.9*	*80*	*12*
At 10 ft	*1910*	*ND*	*ND*	*28*	*.6*
At 15 ft	*2830*	*ND*	*.9*	*161*	*13*
At 20 ft	*2820*	*ND*	*1*	*176*	*16*
AT 25 ft	*2030*	*ND*	*.6*	*109*	*8.9*
At 30 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 35 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 40 ft	*ND*	*ND*	*ND*	*ND*	*ND*



AEC
ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #14-12-89
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

SEP 26 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 93
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225101, UST C SUNW 40.0

UNDERGROUND STORAGE TANK
CASE SUMMARY

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: Sept. 6, 96	LUSTIS Case No. 7T2225101	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch, 15550 West Hobsonway, Blythe, CA	Responsible Parties: Sunworld	Address: Paul Knupp, P.O. Box 9110, Bakersfield, CA 93309-1698	Phone: 805 833-6460

I.CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	500	Gasoline.	Removed	8/91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 miles away		
GW. highest depth: 90 Ft bgs	GW. lowest depth: unknown	Flow direction: South East
GW. impacted: Yes (No)	Maximum depth sampled: 70 Ft	SW. impacted: Yes (No)

III. MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS- INITIAL AND LATEST (ND= non detected)

Contaminant	Soil ppm		Water		Contaminant	Soil ppm		Water	
	Initial Year(93)	Latest Year( )	Initial Year( )	Latest Year( )		Initial Year(93)	Latest Year( )	Initial Year( )	Latest Year( )
TPH(gas)	8200				Ethyl-benzene	82			
TPH (diesel)	—				Xylenes	1010			
Benzene	48				MTBE	—			
Toluene	130				Other	—			

IV. SOIL REMEDIATION

Method: None	Duration of remediation: N/A

V. GROUND WATER REMEDIATION

Method: None	Duration of remediation: N/A

VI. FREE PRODUCT

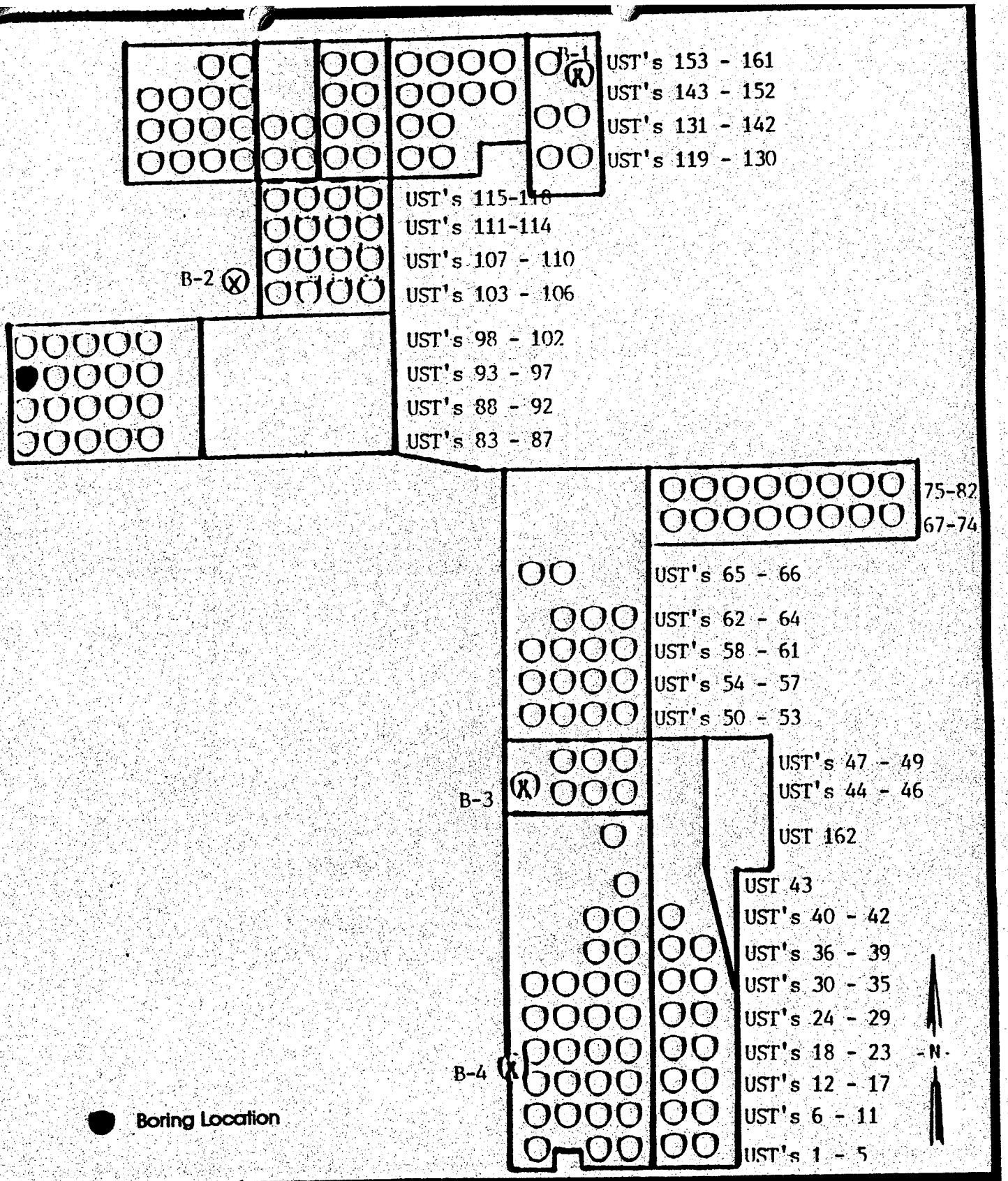
Was free product encountered ? Yes (No)	Has free product been totally recovered? YES NO
When was the free product recovery project completed: N/A	

VII. RESOLUTION

RWQCB Case Closure? Yes (No)
Additional Action Required: Issue No Further Action letter

VIII. COMMENTS

No soil pollution was detected deeper than 65 Ft below grade.
This summary is for UST No. 93, Case File UST C SUNW 40.0



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

Sun Desert Lemon Ranch
Windmachine UST Locations #14-6-93
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JUL - 2 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 97
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation contained in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield (w/attachments)

File Ref: Working (UST C SUNW 41.0); 7T2225102

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

DATE: 6/28/96

I. AGENCY INFORMATION

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: Blythe Lemon Ranch
SITE FACILITY ADDRESS: 15550 West Hobsonway, Blythe
RB LUSTIS CASE NO:7T2225102
FILE CODE NO: UST C SUNW 41.0
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	Gasoline	Removed	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: Reported at 90ft below grade
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: Colorado Hydrologic Unit

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	3700 @ 6'	N/A	N/A	N/A
Benzene	.24 @ 6'			
Toluene	.2 @ 10'			
Ethyl-benzene	6.5 @ 6'			
Xylene	103 @ 6'			

COMMENTS (Dept of Remediation, etc): Soil samples were taken to a depth of 30 ft and no TPHg or BTEX component were detected deeper then 20 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 41.0 , Tank No. 97.

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

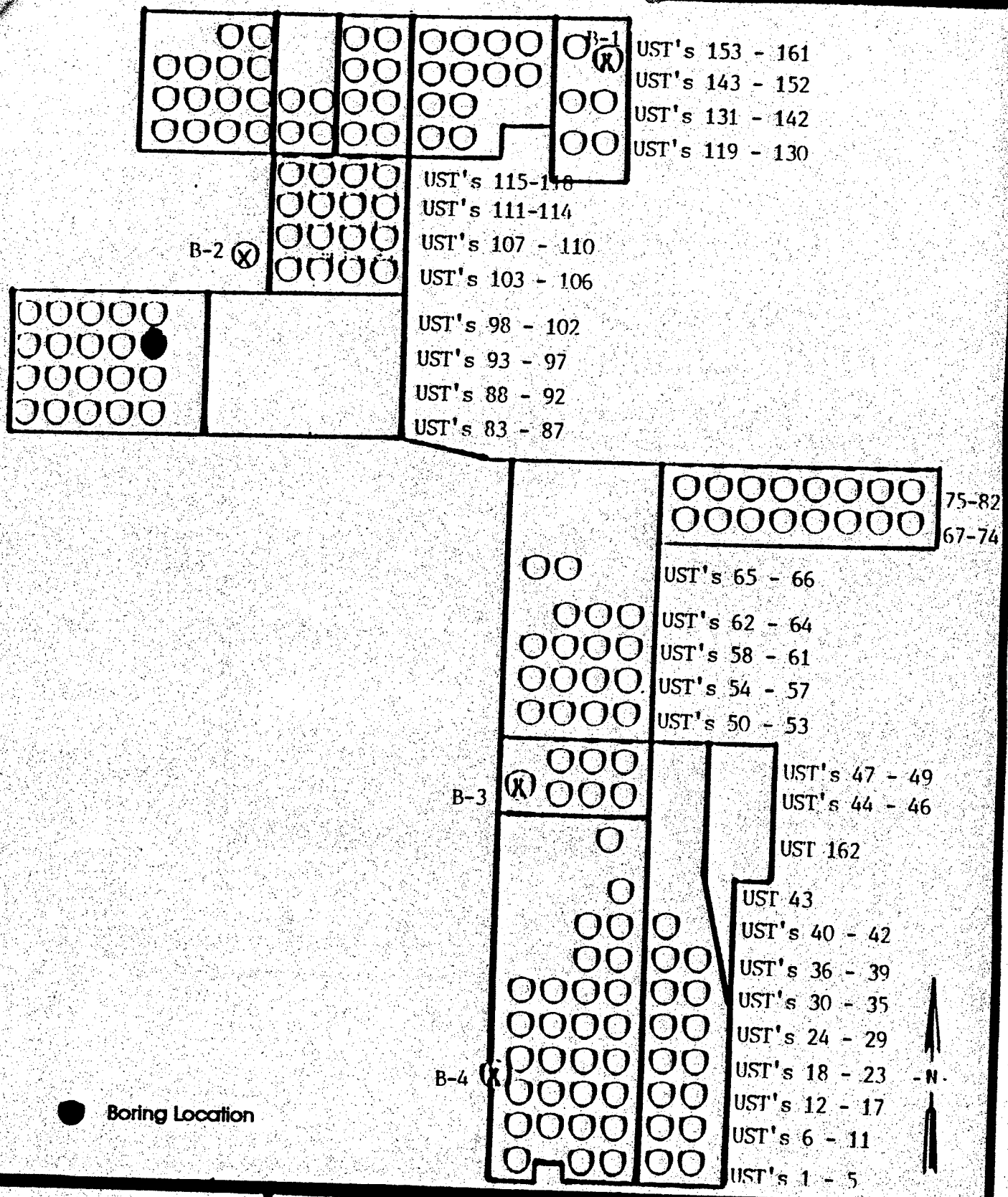
REGIONAL BOARD STAFF RESPONSE: No Further Action

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	Concentration (mg/kg) TPHg	Benzene	Toluene	Xylenes	Ethylbenzene
At 6	3700	.24	.19	103	6.5
At 10 ft	550	ND	0.2	2.0	0.1
At 15 ft	265	ND	ND	3.0	ND
At 20 ft	ND	ND	ND	ND	ND
At 25 ft	ND	ND	ND	ND	ND
At 30 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC.
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

14-10-97

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

SEP 18 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 98
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225103, UST C SUNW 42.0

RT

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: Aug. 29, 96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225103
FILE CODE NO: *UST C SUNW 42.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg Benzene Toluene Ethyl-benzene Xylene	3740 @15' 42 @6' 130 @6' 65 @6' 422 @6'	N/A	N/A	N/A

COMMENTS: *Soil samples were taken to a depth of 45 ft and no TPHg or BTEX component were detected deeper than 35 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 42.0 , Tank No. 98.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

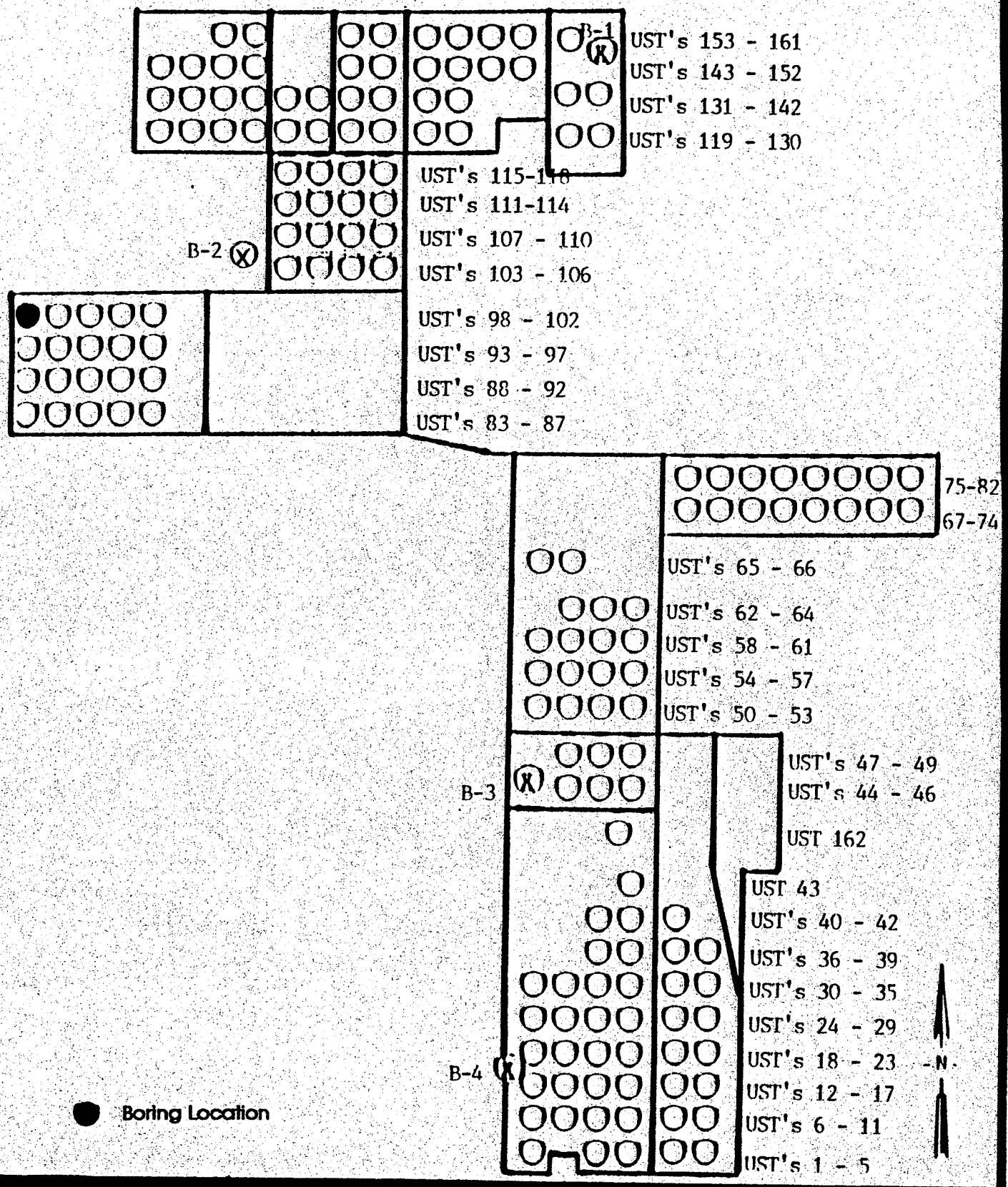
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert L Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 2 ft	280	1.3	7.0	45.4	2.0
At 6 ft	2200	42	130	422	65
At 10 ft	1570	ND	1.9	55	ND
At 15 ft	3740	ND	75	410	50
At 20 ft	2320	ND	40	250	30
AT 25 ft	2340	ND	50	280	40
At 25 ft	120	ND	.7	12	.7
At 30 ft	ND	ND	ND	ND	ND
At 35 ft	ND	ND	ND	ND	ND
At 40 ft	ND	ND	ND	ND	ND
At 45 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

14-1-98

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

SEP 13 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 99
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225104, UST C SUNW 43.0

RT

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION DATE:_____

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225104
FILE CODE NO: *UST C SUNW 43.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

COPY

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	2850 @30'	N/A	N/A	N/A
Benzene	.033 @6'			
Toluene	16 @30'			
Ethyl-benzene	13 @30'			
Xylene	320 @20'			

COMMENTS: *Soil samples were taken to a depth of 45 ft and no TPHg or BTEX component were detected deeper than 35 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 43.0 , Tank No. 99.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

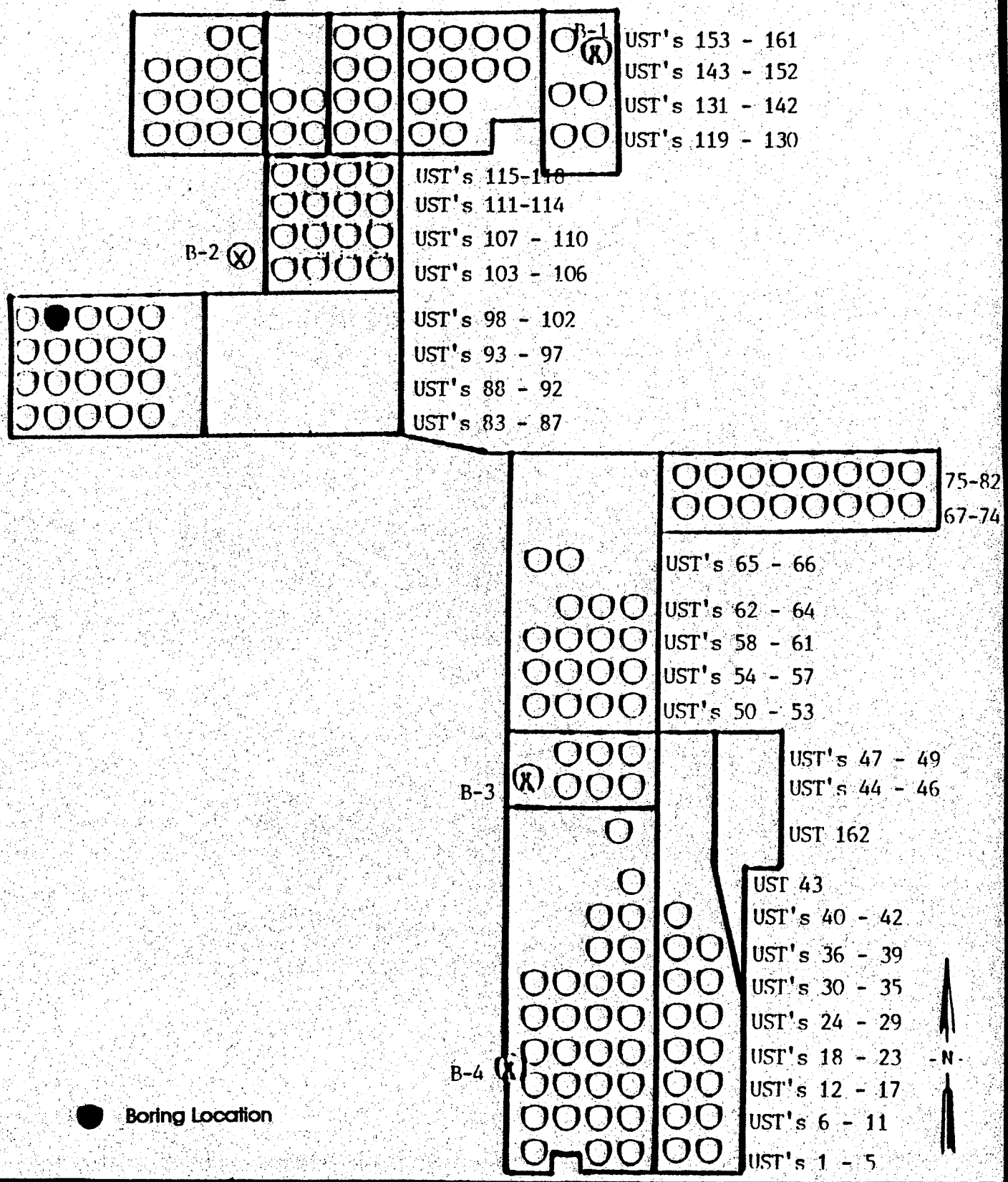
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker:_____
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile:_____

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	Concentration (mg/kg) TPHg	Benzene	Toluene	Xylenes	Ethylbenzene
At 2 ft	1200	ND	1.4	119	10
At 6 ft	260	.033	.24	22.7	1.5
At 10 ft	ND	ND	ND	ND	ND
At 15 ft	140	ND	.1	.4	.2
At 20 ft	2060	ND	10	320	3.6
AT 25 ft	2590	ND	3.1	180	4.0
At 30 ft	2850	ND	16	170	13
At 35 ft	115	ND	.7	7.2	.5
At 40 ft	ND	ND	ND	ND	ND
At 45 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC.
P.O. BOX 40872
BAKERSFIELD, CA 93384

- Site Map -

14-2-99

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 1 3 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 100
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: 7T2225105, UST C SUNW 44.

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 8/2/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225105
FILE CODE NO: *UST C SUNW 44.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	2300 @6'	N/A	N/A	N/A
Benzene	.28 @6'			
Toluene	3.8 @6'			
Ethyl-benzene	3.0 @6'			
Xylene	124 @6'			

COMMENTS : *Soil samples were taken to a depth of 45 ft and no TPHg or BTEX component were detected deeper than 35 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 44.0 , Tank No. 100.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

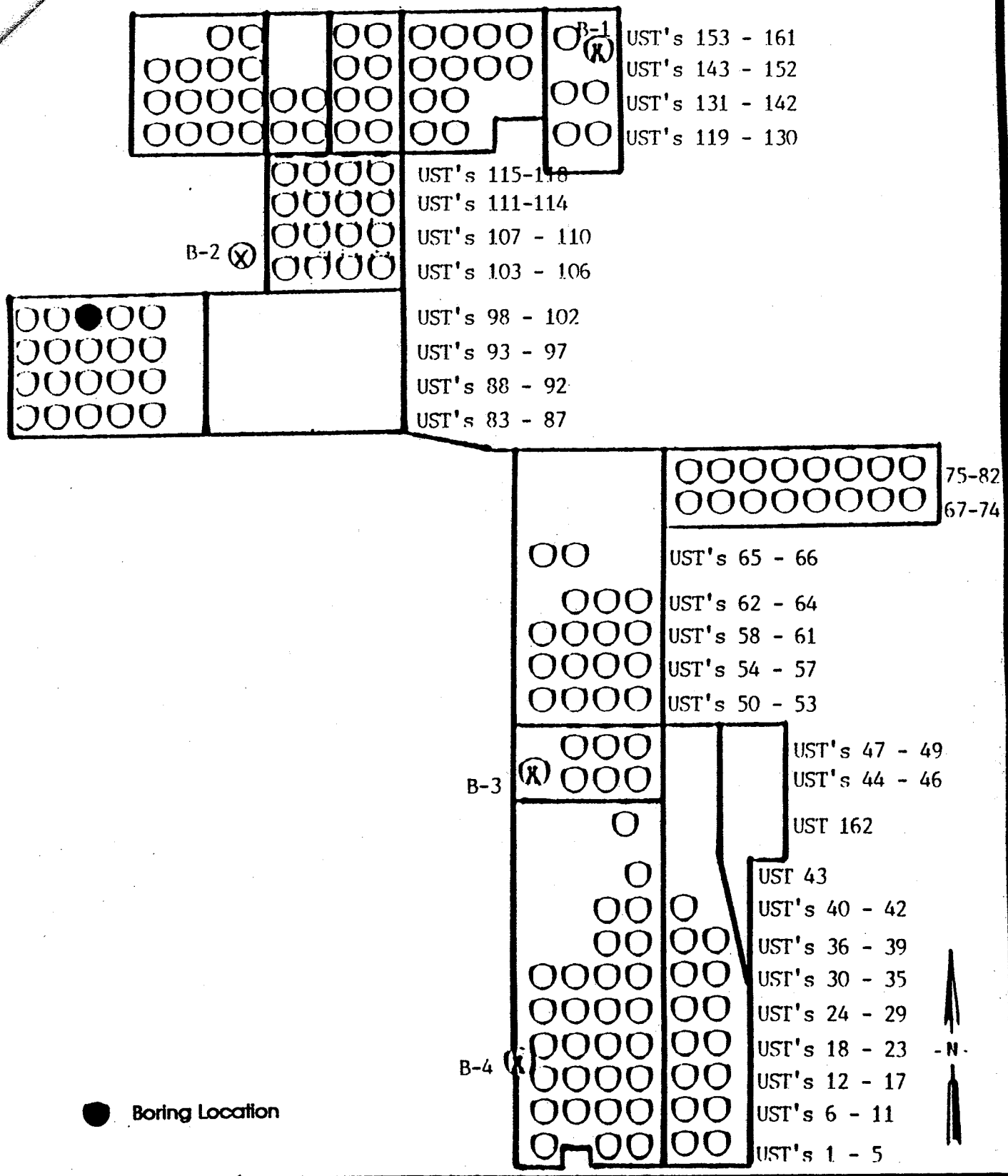
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 6 ft	2300	.28	3.8	124	3.0
At 10 ft	550	ND	2.8	35	ND
At 15 ft	530	ND	.7	16	ND
At 20 ft	1160	ND	.7	50	.5
At 25 ft	190	ND	.2	25	.5
At 30 ft	110	ND	.2	3.7	ND
At 35 ft	ND	ND	ND	ND	ND
At 40 ft	ND	ND	ND	ND	ND
At 45 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

14-3-100

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JUL - 2 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 102
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation contained in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield (w/attachments)

File Ref: Working (UST C SUNW 45.0); 7T2225106

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 6/28/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: Blythe Lemon Ranch
SITE FACILITY ADDRESS: 15550 West Hobsonway, Blythe
RB LUSTIS CASE NO:7T2225106
FILE CODE NO: UST C SUNW 45.0
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	Gasoline	Removed	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: Reported at 90ft below grade
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: Colorado Hydrologic Unit

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	5000 @2'	N/A	N/A	N/A
Benzene	68 @2'			
Toluene	310 @2'			
Ethyl-benzene	160 @2'			
Xylene	900 @2'			

COMMENTS (Dept of Remediation, etc): Soil samples were taken to a depth of 25 ft and no TPHg or BTEX component were detected deeper then 25 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 45.0 , Tank No. 102.

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

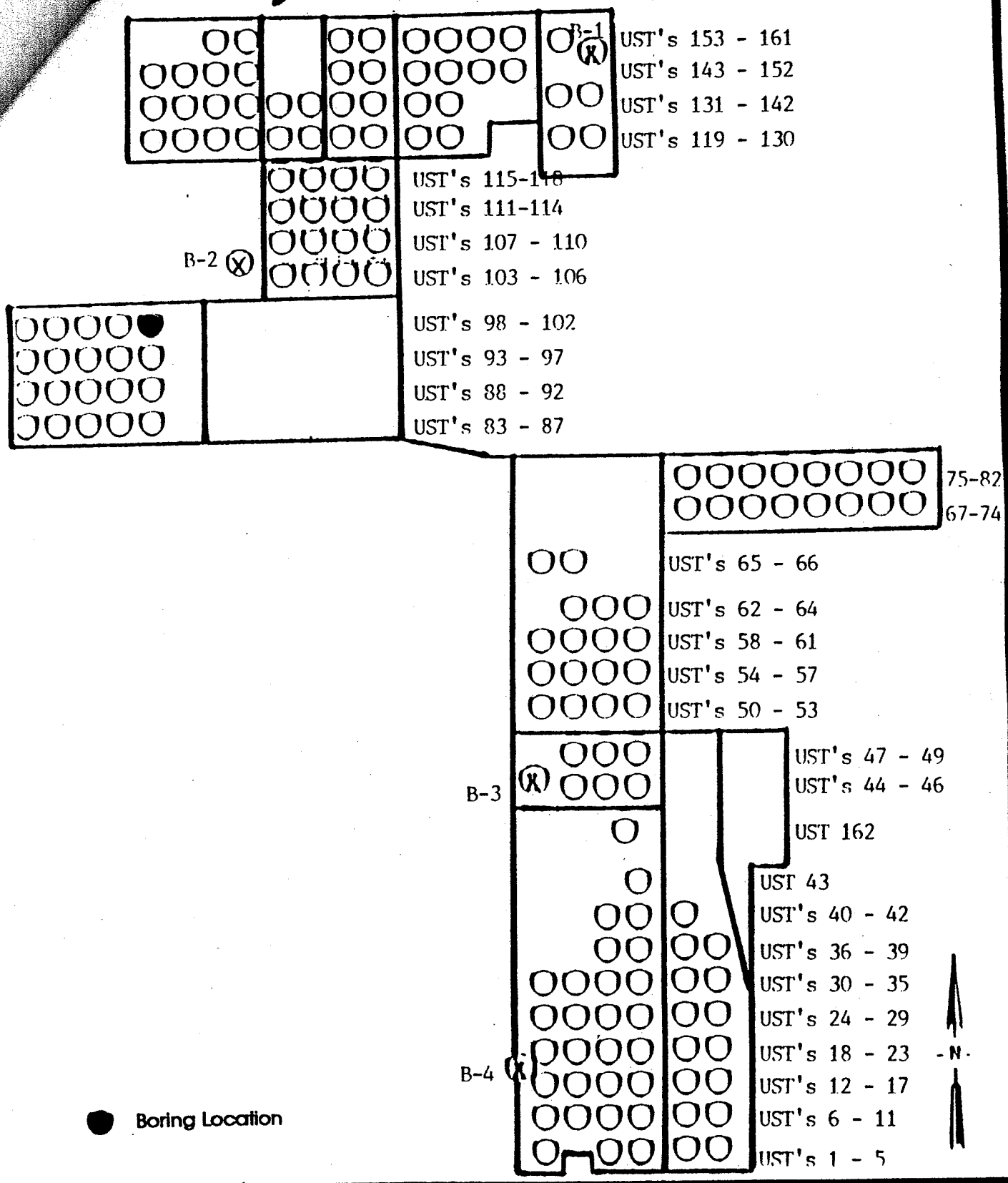
REGIONAL BOARD STAFF RESPONSE: No Further Action

RWQCB STAFF NAME: Robert Tucker: Robert E Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	Concentration (mg/kg) TPHg	Benzene	Toluene	Xylenes	Ethylbenzene
At 6	1.9	.0083	.018	6.024	ND
At 10 ft	ND	ND	ND	ND	ND
At 15 ft	ND	ND	ND	ND	ND
At 20 ft	ND	ND	ND	ND	ND
At 25 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

14-5-102

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 26 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 103
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225107, UST C SUNW 46.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: Aug 11 96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225107
FILE CODE NO: *UST C SUNW 46.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	1075 @15'	N/A	N/A	N/A
Benzene	ND @6'			
Toluene	ND @6'			
Ethyl-benzene	.18 @6'			
Xylene	2.6 @6'			

COMMENTS: *Soil samples were taken to a depth of 35 ft and no TPHg or BTEX component were detected deeper than 25 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 46.0 , Tank No. 103.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

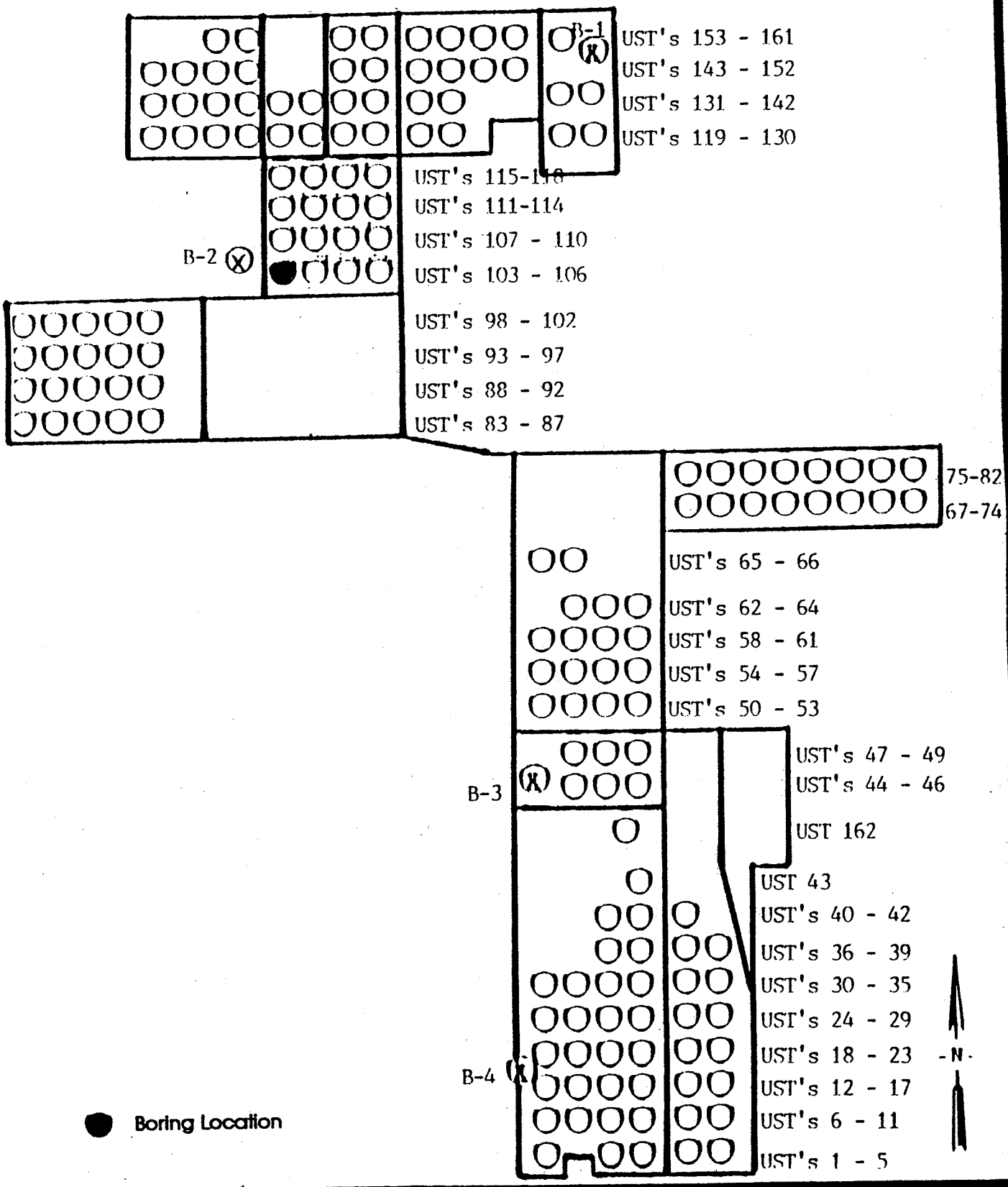
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 6 ft	100	ND	ND	2.6	.18
At 10 ft	20	ND	ND	ND	ND
At 15 ft	1075	ND	ND	ND	ND
At 20 ft	40	ND	ND	ND	ND
At 25 ft	ND	ND	ND	ND	ND
AT 30 ft	ND	ND	ND	ND	ND
At 35 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

26-12-103

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 26 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 104
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225108, UST C SUNW 47.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: Aug 11, 96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225108
FILE CODE NO: *UST C SUNW 47.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg Benzene Toluene Ethyl-benzene Xylene	5200 @6' 33 @6' 190 @6' 810 @6' 130 @6'	N/A	N/A	N/A

COMMENTS: *Soil samples were taken to a depth of 50 ft and no TPHg or BTEX component were detected deeper than 30 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 47.0 , Tank No. 104.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

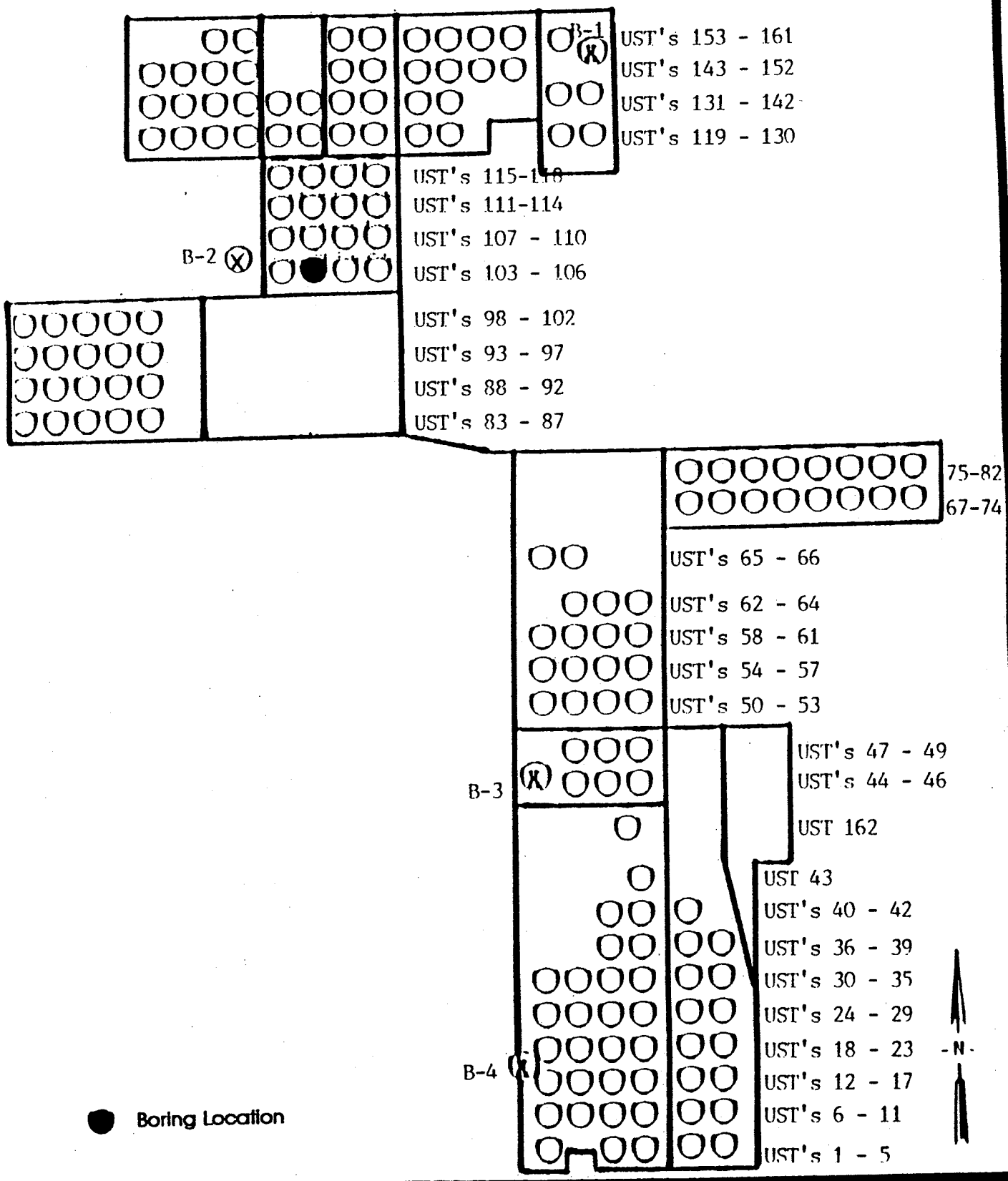
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 6 ft	5200	33	190	810	.18
At 10 ft	1650	ND	.9	83	1.0
At 15 ft	5060	ND	42	443	39
At 20 ft	5090	ND	69	544	73
At 25 ft	563	ND	3.6	34	38
AT 30 ft	ND	ND	ND	ND	ND
At 35 ft	ND	ND	ND	ND	ND
At 40 ft	ND	ND	ND	ND	ND
At 45 ft	ND	ND	ND	ND	ND
At 50 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

26-13-104

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JUL - 2 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 105
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721 (e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

RT/jj

Enc.: As noted above

File Ref: Working (UST C SUNW 48.0); 7T2225109

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 6/28/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: Blythe Lemon Ranch
SITE FACILITY ADDRESS: 15550 West Hobsonway, Blythe
RB LUSTIS CASE NO:7T2225109
FILE CODE NO: UST C SUNW 48.0
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	Gasoline	Removed	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: Reported at 90ft below grade
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: Colorado Hydrologic Unit

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	270 @2'	N/A	N/A	N/A
Benzene	.05 @2'			
Toluene	.11 @2'			
Ethyl-benzene	2.69 @2'			
Xylene	.18 @2'			

COMMENTS (Dept of Remediation, etc): Soil samples were taken to a depth of 25 ft and no TPHg or BTEX component were detected deeper then 10 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 48.0 , Tank No. 105.

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

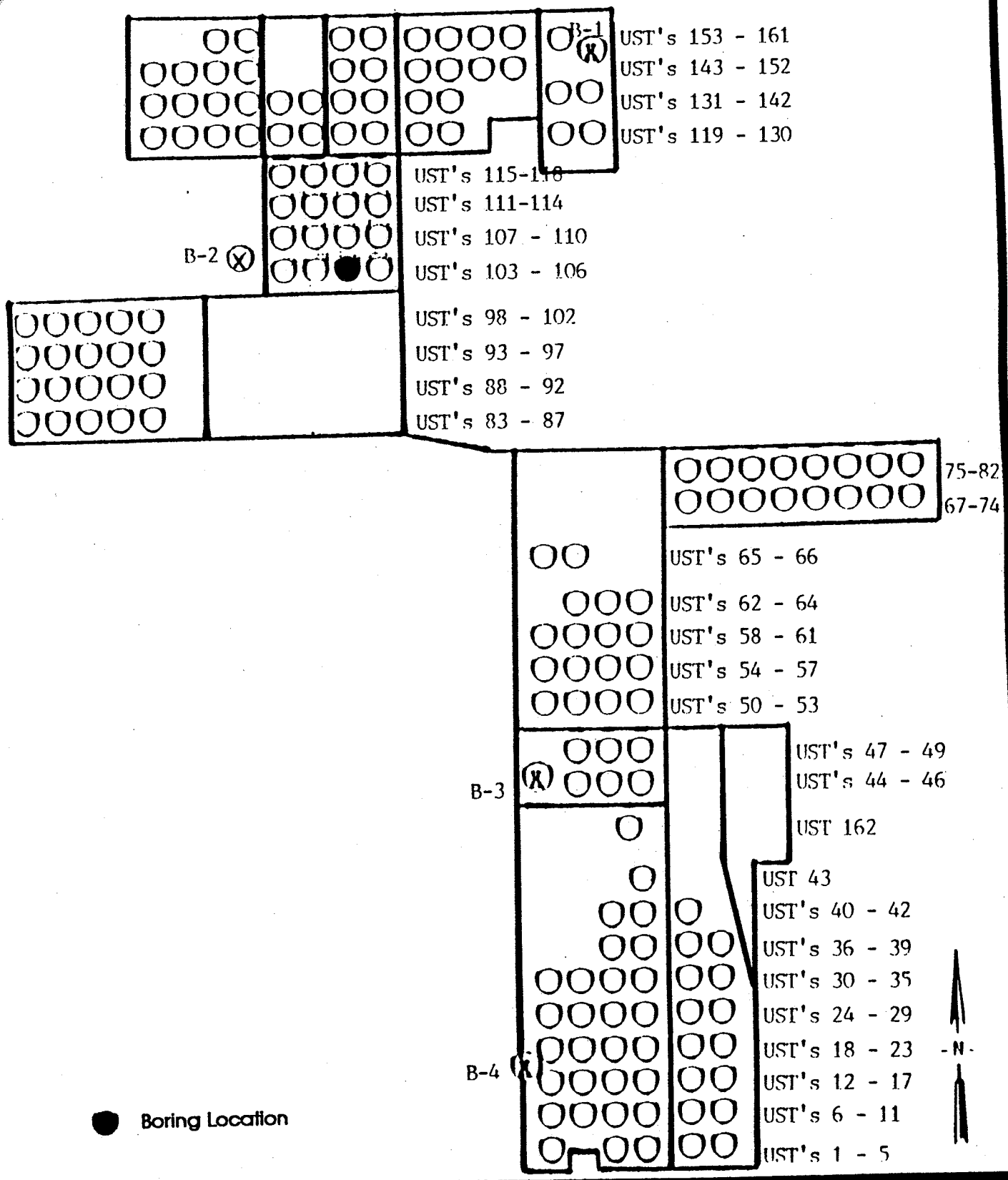
REGIONAL BOARD STAFF RESPONSE: No Further Action

RWQCB STAFF NAME: Robert Tucker: Robert G. Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	Concentration (mg/kg) TPHg	Benzene	Toluene	Xylenes	Ethylbenzene
At 6	160	.0061	.027	.128	.0067
At 10 ft	ND	ND	ND	ND	ND
At 15 ft	ND	ND	ND	ND	ND
At 20 ft	ND	ND	ND	ND	ND
At 25 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

26-14-105

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 1 9 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 106
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: 7T2225110, UST C SUNW 49.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 8/2/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225110
FILE CODE NO: *UST C SUNW 49.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	1540 @15'	N/A	N/A	N/A
Benzene	12 @15'			
Toluene	84 @15'			
Ethyl-benzene	1.6 @15'			
Xylene	50 @15'			

COMMENTS : *Soil samples were taken to a depth of 55 ft and no TPHg or BTEX component were detected deeper than 40 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 49.0 , Tank No. 106.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

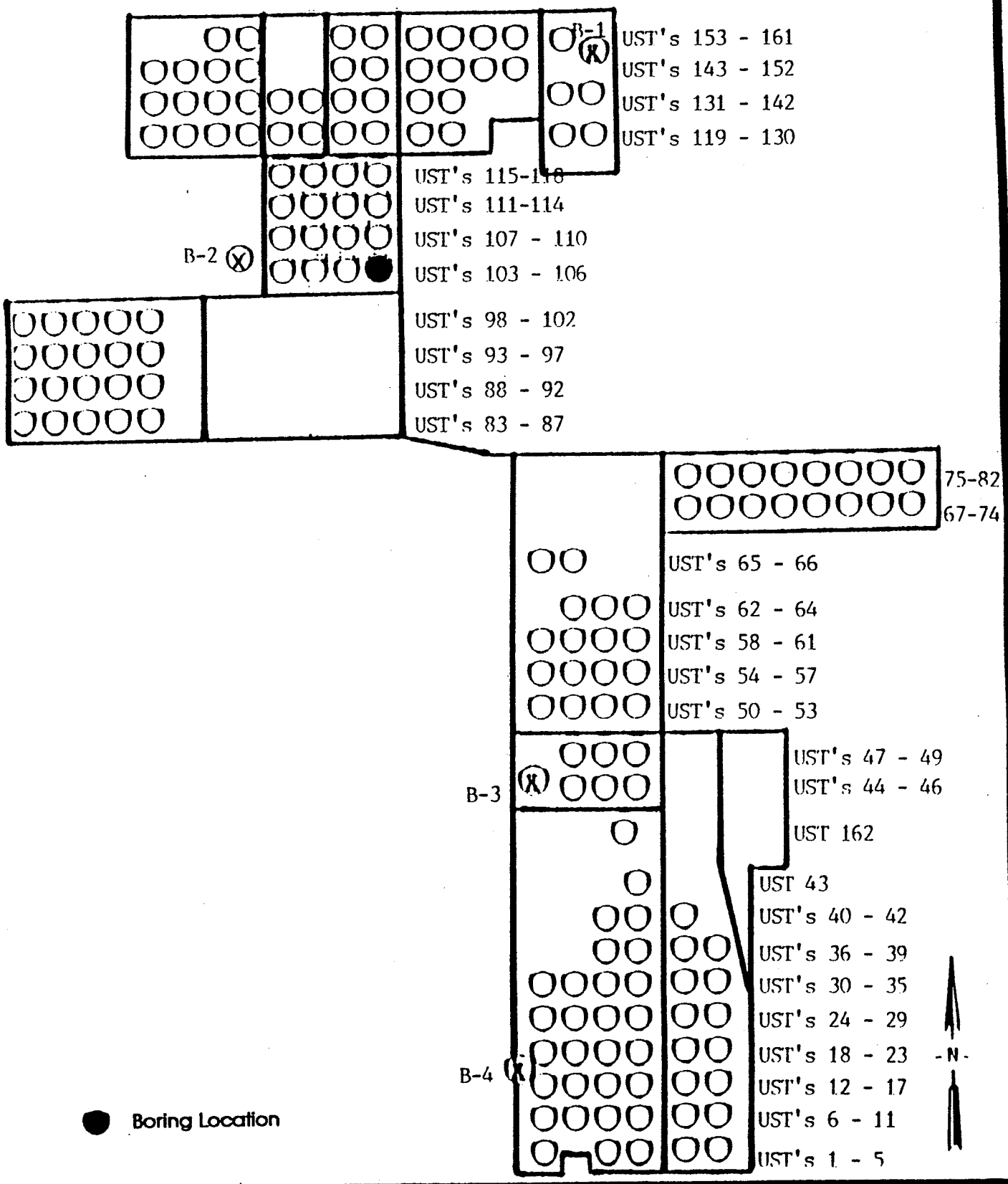
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 6	590	ND	.042	9.9	.48
At 10 ft	400	ND	.4	1.2	.4
At 15 ft	1540	12	84	50	1.6
At 20 ft	ND	ND	ND	ND	ND
At 25 ft	150	.40	3.5	2.0	.10
At 30 ft	160	.2	3.2	2.3	.3
At 35 ft	370	.07	1.0	.16	.07
At 40 ft	ND	ND	ND	ND	ND
At 45 ft	ND	ND	ND	ND	ND
At 50 ft	ND	ND	ND	ND	ND
At 55 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

26-15-106

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 1 3 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 109
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: 7T2225111, UST C SUN 50

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 8/2/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225111
FILE CODE NO: *UST C SUNW 50.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg Benzene Toluene Ethyl-benzene Xylene	1767 @10' 15 @10' 120 @10' 26 @2' 222 @2'	N/A	N/A	N/A

COMMENTS : *Soil samples were taken to a depth of 40 ft and no TPHg or BTEX component were detected deeper than 30 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 50.0 , Tank No. 109.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

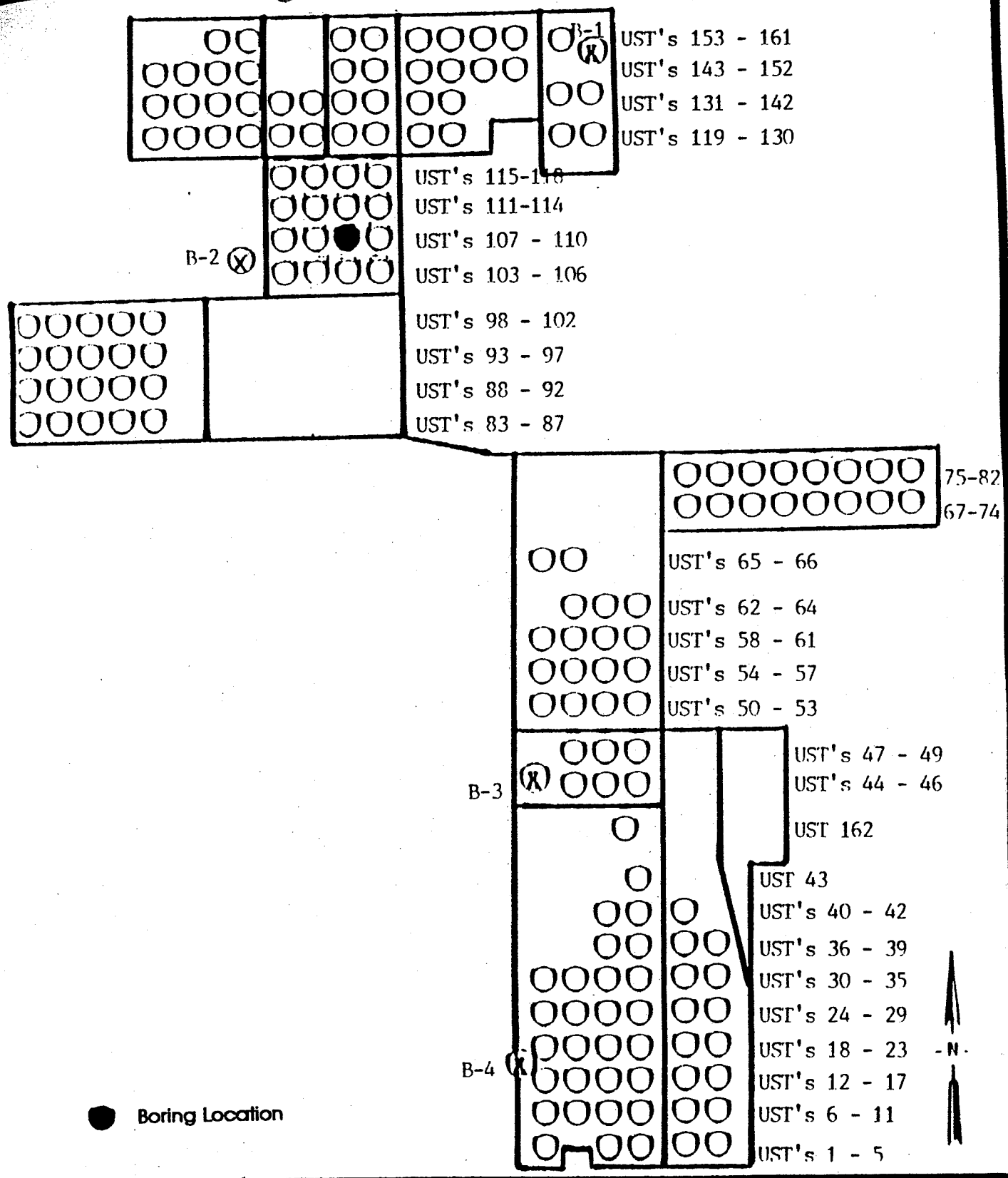
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	Concentration (mg/kg) TPHg	Benzene	Toluene	Xylenes	Ethylbenzene
At 6	1300	.13	3.2	143	15
At 10 ft	1767	ND	120	170	25
At 15 ft	520	ND	.7	16	.2
At 20 ft	620	ND	.6	4.0	.9
At 25 ft	90	.18	2.5	3.7	.3
At 30 ft	ND	ND	ND	ND	ND
At 35 ft	ND	ND	ND	ND	ND
At 40 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

26-11-109

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

MAY 30 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 111
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: Working UST C SUNW 51.0; 7T2225112

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 5/8/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225112
FILE CODE NO: *UST C SUNW 51.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	4000 @ 6'	N/A	N/A	N/A
Benzene	ND			
Toluene	ND			
Ethyl-benzene	ND			
Xylene	ND			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 25 ft and no TPHg or BTEX component were detected at 10 and 15 ft below grade. Low concentration were found below 20 feet below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 51.0 , Tank No. 111.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

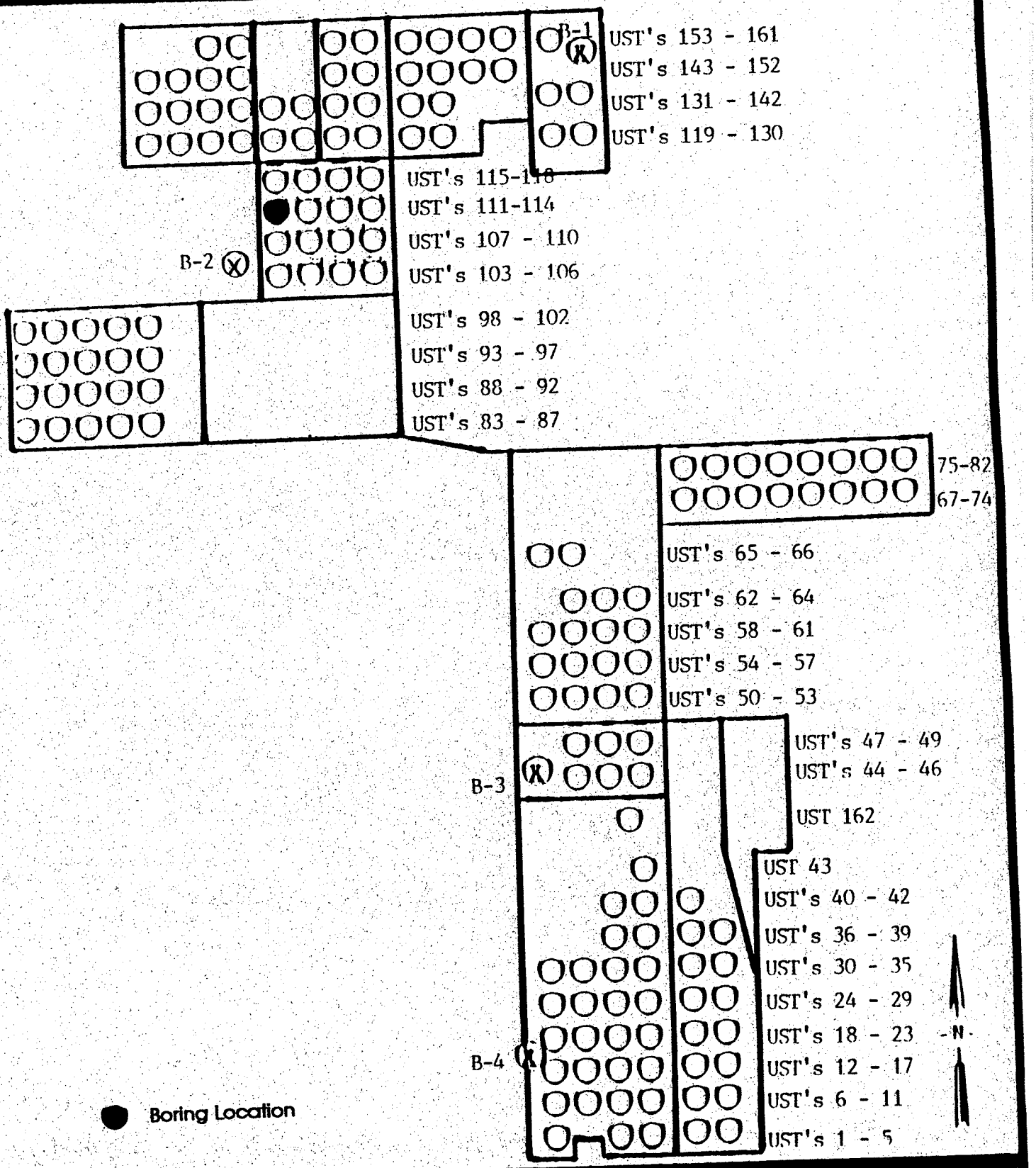
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Stephen Deem

V. ADDITIONAL COMMENTS, DATA, ETC.

	Concentration (mg/kg)				
Depth	*TPHg*	*Benzene*	*Toluene*	*Xylenes*	*Ethylbenzene*
At 6	*4000*	*ND*	*ND*	*ND*	*ND*
At 10 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 15 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 20 ft	*1.6*	*ND*	*ND*	*.15*	*.017*
At 25 ft	*ND*	*ND*	*ND*	*.0126*	*ND*



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

26-5-11

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

MAY 30 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 112
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: Working (UST C SUNW 52 .0); 7T2225113

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 5/8/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225113
FILE CODE NO: *UST C SUNW 52.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm) BEFORE	SOIL (ppm) AFTER	WATER (ppm) BEFORE	WATER (ppm) AFTER
TPHg	3500 @ 6'	N/A	N/A	N/A
Benzene	86			
Toluene	250			
Ethyl-benzene	88			
Xylene	460			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 20 ft and no TPHg or BTEX component were detected 10 ft below grade. Ground water is reported to be at 90 ft below grade. This summary is for UST C SUNW 52.0 , Tank No. 112.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

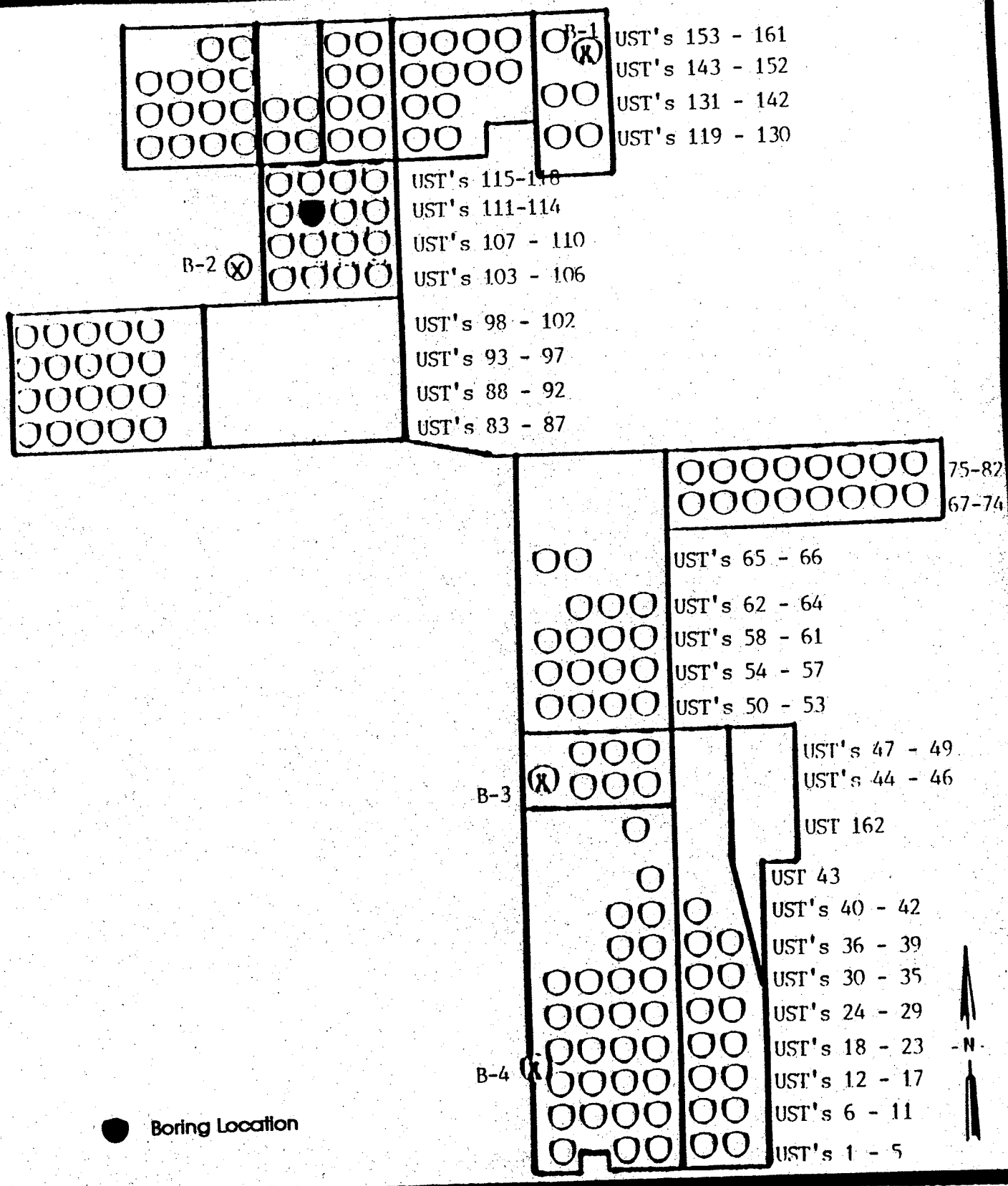
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Stephen Dennis

V. ADDITIONAL COMMENTS, DATA, ETC.

Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 6 ft	3500	86	250	460	88
At 10 ft	ND	ND	ND	ND	ND
At 15 ft	ND	ND	ND	ND	ND
At 20 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

26-6-112

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

OCT 11 1996

Paul W. Knupp
Sun World
P. O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
Sun World, UST No. 113
15550 West Hobsonway
Blythe, Ca 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jb

Enc.: As noted above

cc: Dave Deaner, State Water Resources Control Board, CWP, UST Cleanup Fund, Sacramento
Jonathan Buck, AEC, Bakersfield

File Ref: 7T2225114, UST C SUNW 53.0

RT

UNDERGROUND STORAGE TANK
CASE SUMMARY

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: October 10, 96	LUSTIS Case No. TT2225114	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch 15550 West Hobsonway Blythe	Responsible Parties: Sunworld	Address: Paul Knupp P.O. Box 9110 Bakersfield CA 93309-1688	Phone: 805 833-6460

I. CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	500	Gasoline	Removed	8/91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 miles away		
GW. highest depth: 90 ft bgs.	GW. lowest depth: unknown	Flow direction: South East
GW. impacted: Yes (No)	Maximum depth sampled: 40 ft	SW. impacted: Yes No

III. MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS- INITIAL AND LATEST (ND= non detected)

Contaminant	Soil mg/kg Initial Year(93)	Soil mg/kg Latest Year( )	Water Initial Year( )	Water Latest Year( )	Contaminant	Soil mg/kg Initial Year(93)	Soil mg/kg Latest Year( )	Water Initial Year( )	Water Latest Year( )
TPH(gas)	29,070				Ethyl-benzene	480			
TPH (diesel)	—				Xylenes	2660			
Benzene	300				MTBE	—			
Toluene	1930				Other	—			

IV. SOIL REMEDIATION

Method: N/A	Duration of remediation: N/A

V. GROUND WATER REMEDIATION

Method: N/A	Duration of remediation: N/A

VI. FREE PRODUCT

Was free product encountered ? Yes (No)	Has free product been totally recovered? YES NO
When was the free product recovery project completed: N/A	

VII. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue No Further Action letter

VIII. COMMENTS

Soil pollution detected to 25 Ft below grade. No soil pollution was detected at 30', 35' or at 45' below grade.

This summary is for UST No. 113, UST C. SUNW 53.

9/6/96 Rev1

STATE OF CALIFORNIA - CALIFORNIA ENVIRONME. PROTECTION AGENCY PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

OCT 11 1996

Richard Larshbrook
County of Riverside
Department of Transportation
P. O. Box 1090
Riverside, CA 92502

RE: Underground Storage Tank (UST) Case at 15550 West Hobsonway, Blythe

Attached for your information and potential use is information pertinent to our regulatory closure of the above-mentioned subject site. From a water quality control perspective, we are not requiring any further cleanup action by the responsible party(ies) at this site.

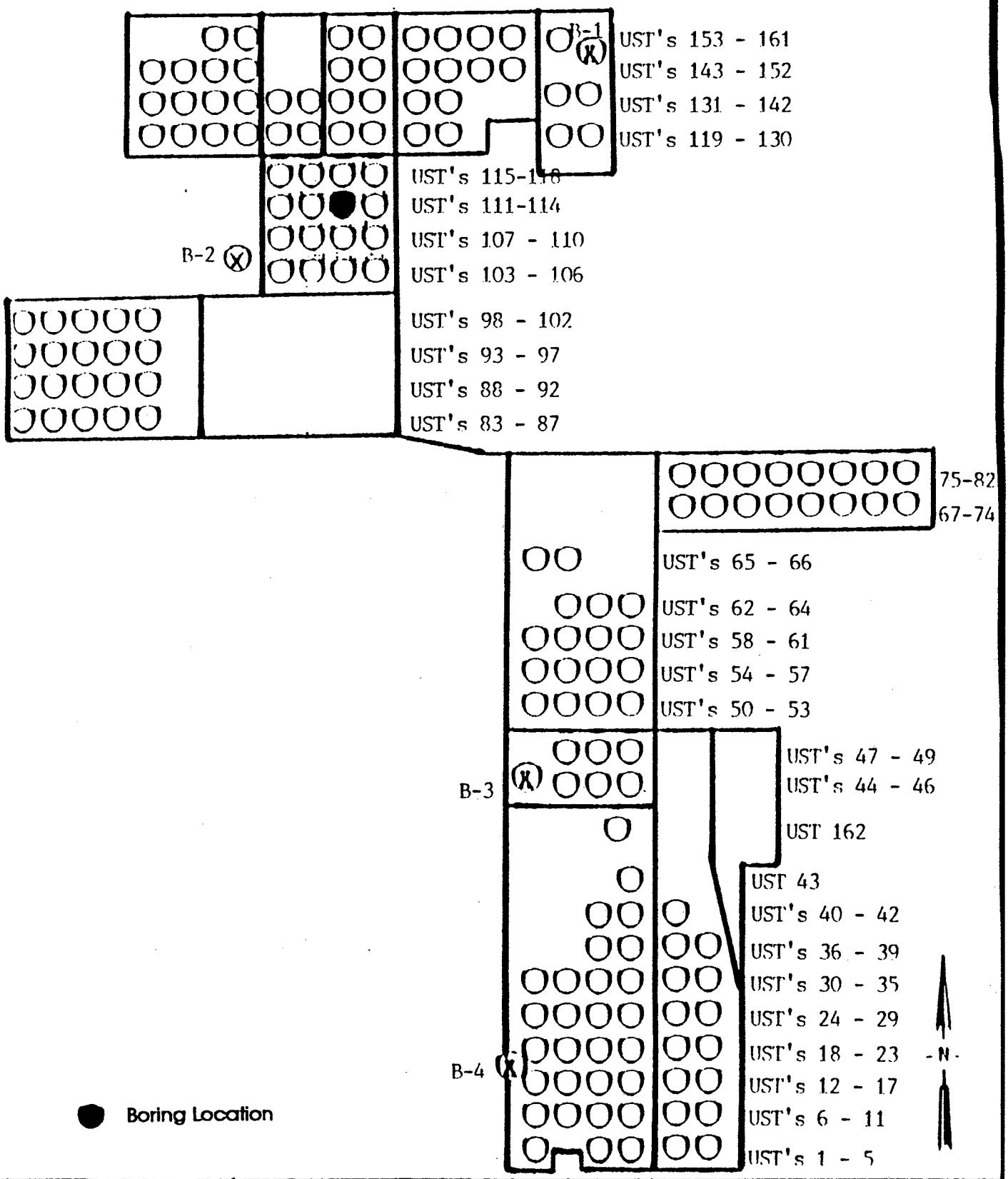
If you have any questions regarding this matter, please contact me at (619)776-8945.

ROBERT TUCKER
WRC Engineer

RT/jb

cc & Enc.: Don Park, Riverside County Environmental Health Services, Indio
Steve Keyes, Riverside County Health Services, Blythe

File Ref: 7T2225114, UST C SUNW 53.0



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40872
BAKERSFIELD, CA 93384

- Site Map -

26-7-113

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 26 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 114
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225115, UST C SUNW 54.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: Aug 11 96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225115
FILE CODE NO: *UST C SUNW 54.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	3400 @6'	N/A	N/A	N/A
Benzene	5.4 @6'			
Toluene	57 @6'			
Ethyl-benzene	97 @6'			
Xylene	630 @6'			

COMMENTS: *Soil samples were taken to a depth of 30 ft and no TPHg or BTEX component were detected deeper than 30 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 54.0 , Tank No. 114.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

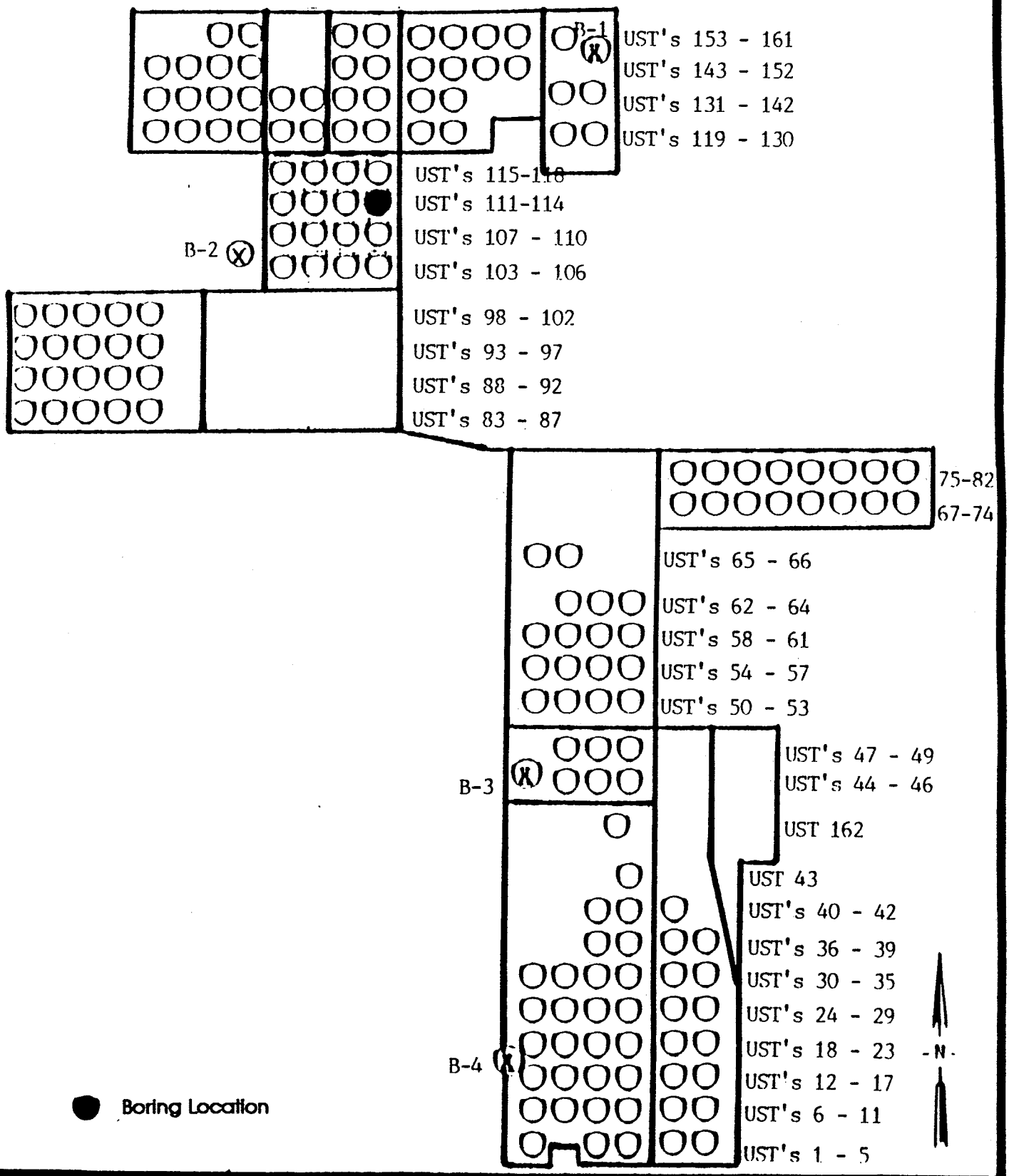
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	*TPHg*	*Concentration (mg/kg)* Benzene	Toluene	Xylenes	Ethylbenzene
At 6 ft	3400	5.4	57	630	97
At 15 ft	1400	.3	19	205	20
At 20 ft	1300	.67	41	225	28
At 25 ft	11	.078	.21	.91	.11
At 30 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

26-8-114

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JAN 23 1997

Paul W. Knupp
Sunworld
P. O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 115
15550 West Hobsonway
Blythe, CA 92226

Following review of all technical reports and information in the subject case file, this letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jb

Enc.: As noted above

cc: Dave Deaner, State Water Resources Control Board, CWP, UST Cleanup Fund, Sacramento
Jonathan Buck, AEC, Bakersfield

File Ref: 7T2225116, UST C SUNW 55.0

RT

UNDERGROUND STORAGE TANK
CASE SUMMARY
(soil only)

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: Jan 15, 97	LUSTIS Case No. 7T2225116	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch, 15550 West Hobsonway, Blythe CA	Responsible Parties: Sunworld	Address: Paul Knupp, P.O. Box 9100, Bakersfield CA 93309	Phone: 805 833-6460

I.CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	300	Gasoline	Removed	91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 miles away		
GW. highest depth: 90 Ft bgs	GW. lowest depth: Unknown	Flow direction: Southeast
GW. impacted: Yes (No)	Maximum depth sampled: 20 Ft	SW. impacted: Yes (No)

III. DOCUMENTED RESIDUAL CONTAMINANT CONCENTRATIONS (ND=not detected, NA -not analyzed)

Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)	Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)
TPH(gas)	290	15	3.4	20	Ethyl-benzene	.39	15	.11	20
TPH (diesel)					Xylenes	47	15	.83	20
Benzene	.045	15	ND	20	MTBE	NA		NA	
Toluene	.062	15	.077	20	Other				

IV. SHALLOW SOIL POLLUTION

Highest TPH concentration found above 10 feet below grade: 260 mg/kg

IV. SOIL REMEDIATION

Method: None	Duration of remediation: N/A

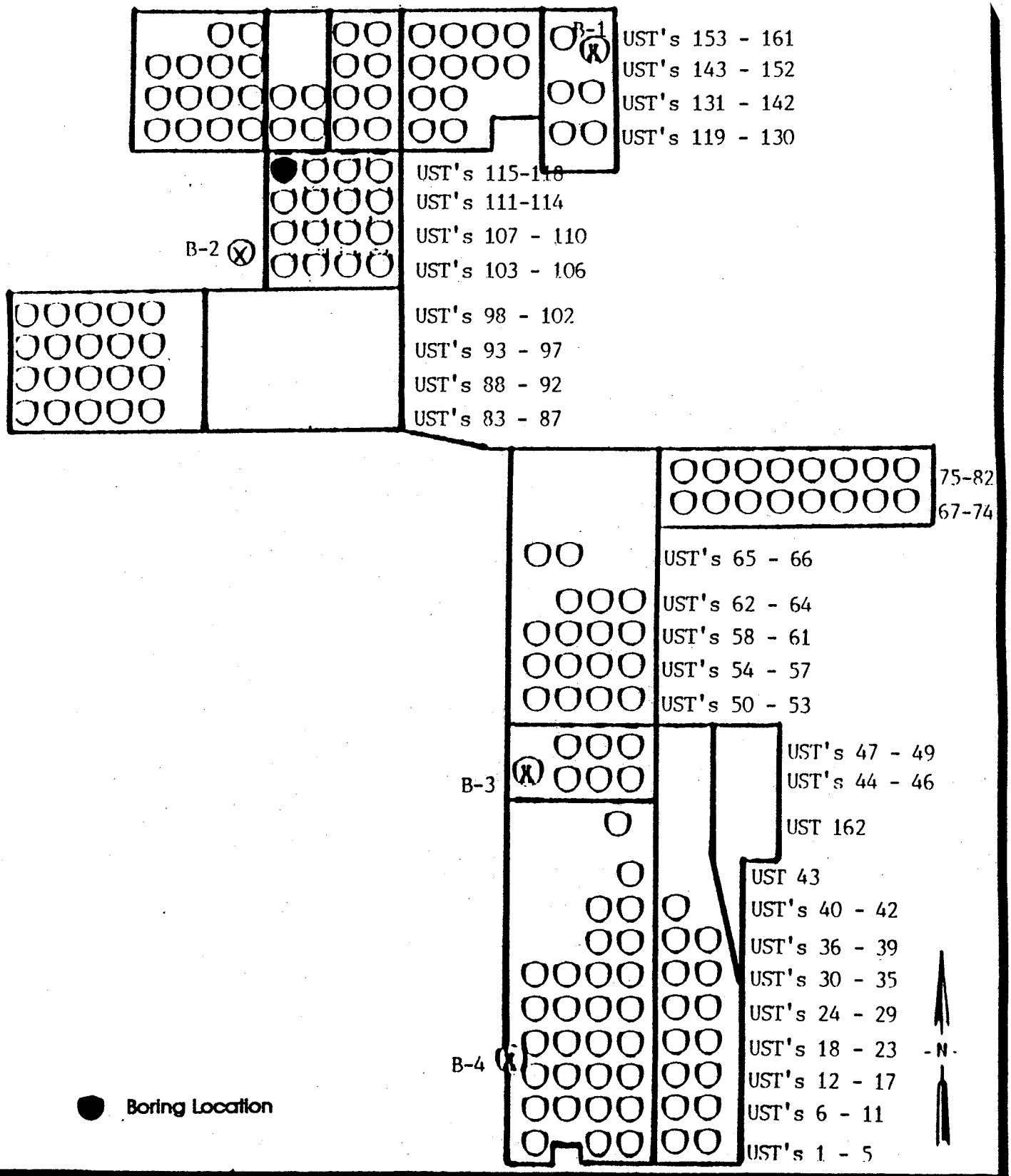
V. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue No Further Action Letter

VI. COMMENTS

Soil pollution detected to 20 Ft below grade. Pollution Concentrations were low and no benzene was detected.

This summary is for UST No. 115, Case UST C SUNW55.0



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

26-1-115

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JAN 23 1997

Paul W. Knupp
Sunworld
P. O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 116
15550 West Hobsonway
Blythe, CA 92226

Following review of all technical reports and information in the subject case file, this letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jb

Enc.: As noted above

cc: Dave Deaner, State Water Resources Control Board, CWP, UST Cleanup Fund, Sacramento
Jonathan Buck, AEC, Bakersfield

File Ref: 7T2225117, UST C SUNW 56.0

RT

UNDERGROUND STORAGE TANK
CASE SUMMARY
(soil only)

California Environmental Protection Agency

Regional Water Quality Control Board Colorado River Basin Region

Date: Jan 15 97	LUSTIS Case No. 7T2225117	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch 15550 West Hobsonway Blythe	Responsible Parties: Sunworld	Address: Paul Knupp P.O. Box 9110 Bakersfield CA 93309	Phone: 805 833-6460

I.CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	300	Gasoline	Removed	8/91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 miles away		
GW. highest depth: 90 ft bgs	GW. lowest depth: unknown	Flow direction: South East
GW. impacted: Yes (No)	Maximum depth sampled: 30 Ft	SW. impacted: Yes (No)

III. DOCUMENTED RESIDUAL CONTAMINANT CONCENTRATIONS (ND=not detected, NA -not analyzed)

Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)	Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)
TPH(gas)	570	2	2.4	25	Ethyl-benzene	6.8	2	ND	30
TPH (diesel)					Xylenes	72	2	.054	30
Benzene	.1	15	ND	30	MTBE	NA		NA	
Toluene	14	2	ND	30	Other				

IV. SHALLOW SOIL POLLUTION

Highest TPH concentration found above 10 feet below grade: 570 mg/kg

IV. SOIL REMEDIATION

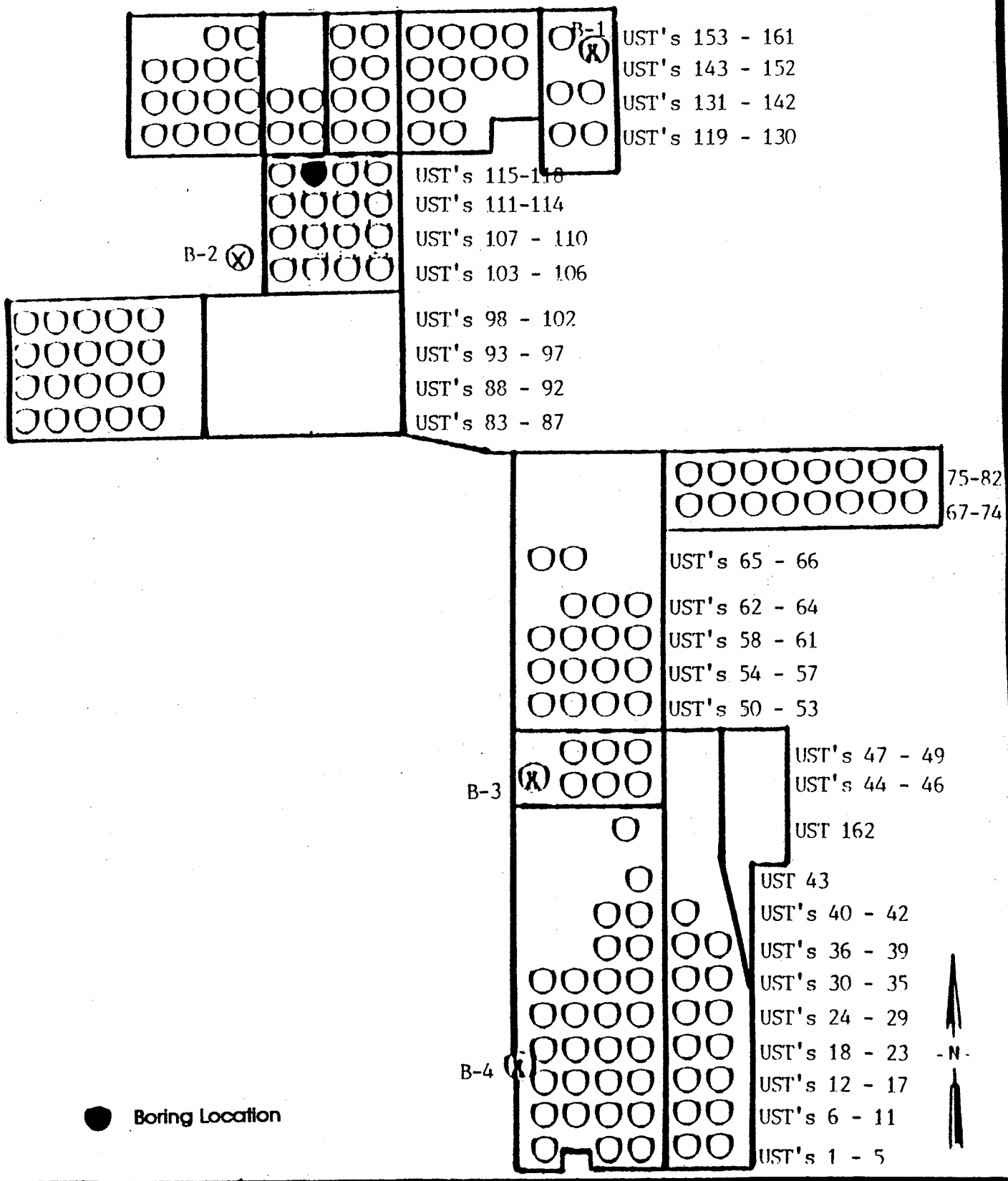
Method: None	Duration of remediation: N/A

V. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue No Further Action letter

VI. COMMENTS

Soil pollution detected to 30 Ft below grade, however no benzene, toluene or Ethyl-benzene detected. This summary is for UST No. 116 Case UST C SUNW 56.0



AEC
ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

16-2-116

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

MAY 30 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 117
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: Working UST C SUNW 57.0; 7T2225118

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 5/8/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225118
FILE CODE NO: *UST C SUNW 57.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

II. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm) BEFORE	SOIL (ppm) AFTER	WATER (ppm) BEFORE	WATER (ppm) AFTER
TPHg	1200 @ 6'	N/A	N/A	N/A
Benzene	.26			
Toluene	38			
Ethyl-benzene	29			
Xylene	188			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 25 ft. Ground water is reported to be at 90 ft below grade. This summary is for UST C SUNW 57.0 , Tank No. 117.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

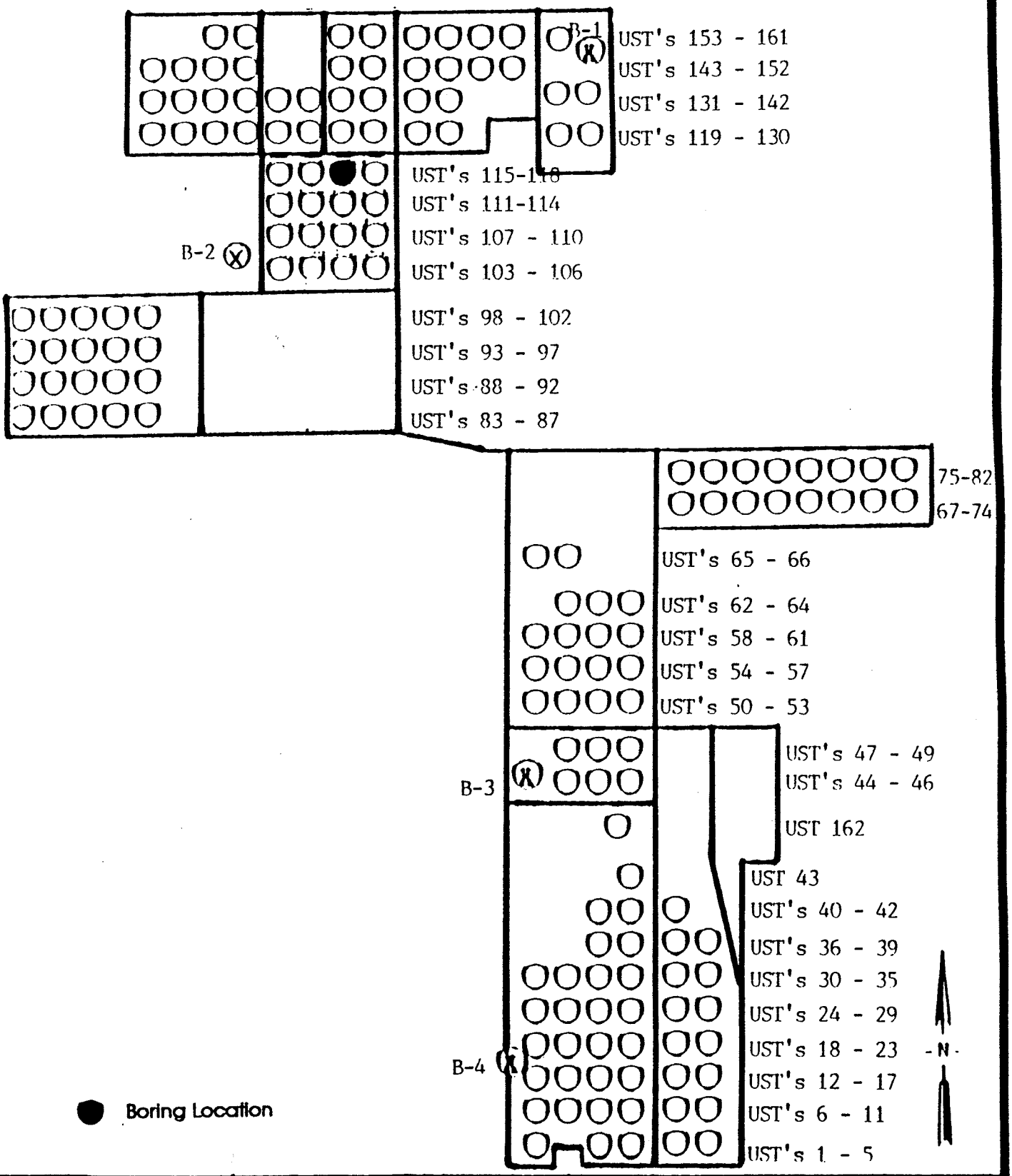
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Steph Dunn

V. ADDITIONAL COMMENTS, DATA, ETC.

Depth	TPHg	Benzene	Toluene	Xylenes	Ethylbenzene
	Concentration (mg/kg)				
At 6 ft	1200	.26	38	188	29
At 10 ft	130	ND	1.8	26	32
At 15 ft	1.1	ND	ND	.049	.0065
At 25 ft	ND	ND	ND	.026	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

26-3-117

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

MAY 14 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 119
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation contained in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield (w/attachments)

File Ref: Working (UST C SUNW 58.0); 7T2225119

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION DATE: 5/6/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225119
FILE CODE NO: *UST C SUNW 58.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	94 @ 6'	N/A	N/A	N/A
Benzene	ND			
Toluene	ND			
Ethyl-benzene	ND			
Xylene	4.62			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 25 ft and no TPHg or BTEX component were detected deeper then 6 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for UST C SUNW 58.0 , Tank No. 119.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

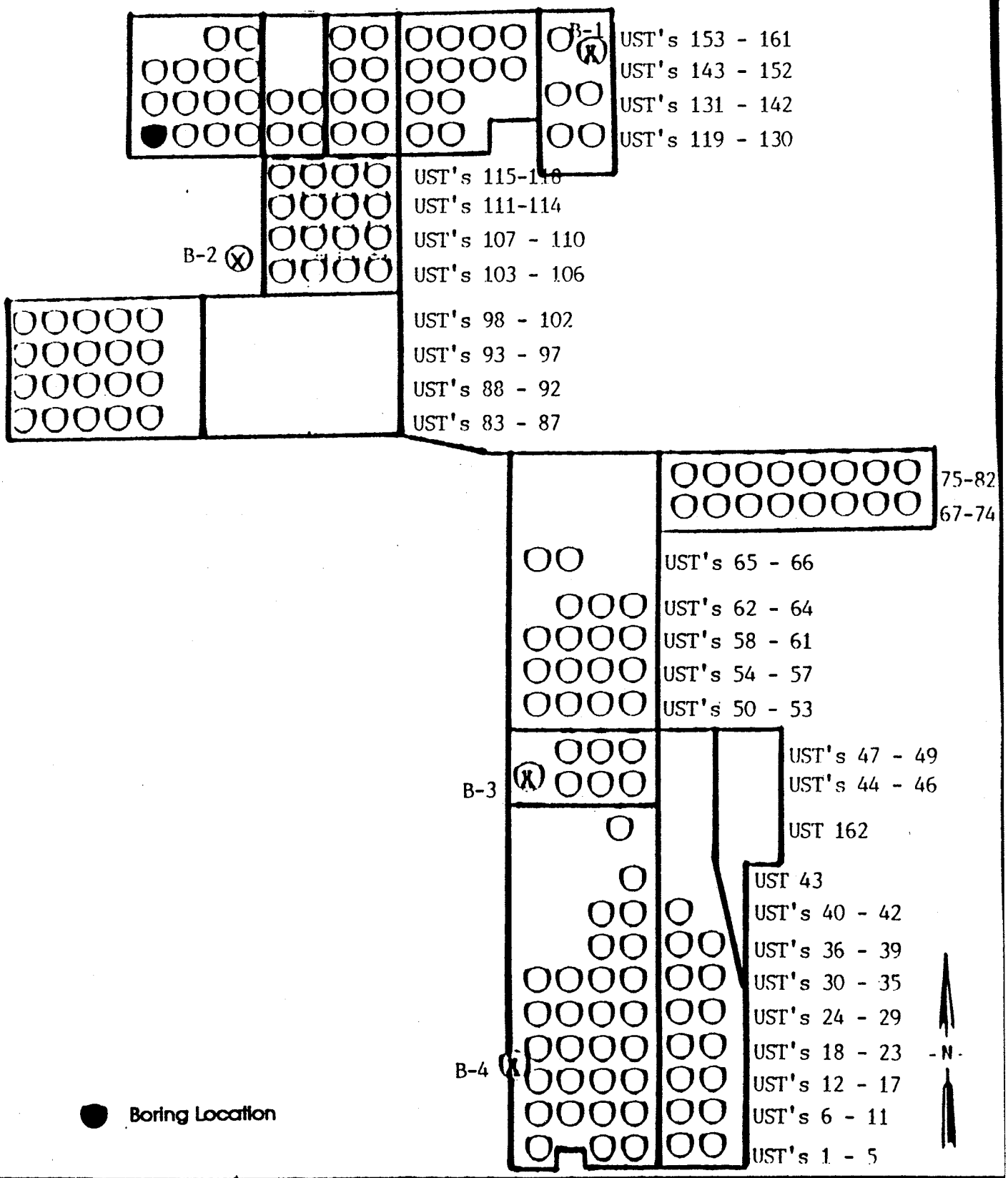
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert T Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Stephen Deverin

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	*Concentration (mg/kg)*				
	TPHg	*Benzene*	*Toluene*	*Xylenes*	*Ethylbenzene*
At 6	*94*	*ND*	*ND*	*4.62*	*ND*
At 15 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 20 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 25 ft	*ND*	*ND*	*ND*	*ND*	*ND*



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40872
BAKERSFIELD, CA 93384

- Site Map -

23-13-119

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 26 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 123
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225120, UST C SUNW 59.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 8/15/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225120
FILE CODE NO: *UST C SUNW 59.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg Benzene Toluene Ethyl-benzene Xylene	2900 @2' 40 @2' 250 @2' 92 @6 ' 540 @6 '	N/A	N/A	N/A

COMMENTS : *Soil samples were taken to a depth of 40 ft and no TPHg or BTEX component were detected deeper than 25 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 59.0 , Tank No. 123*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

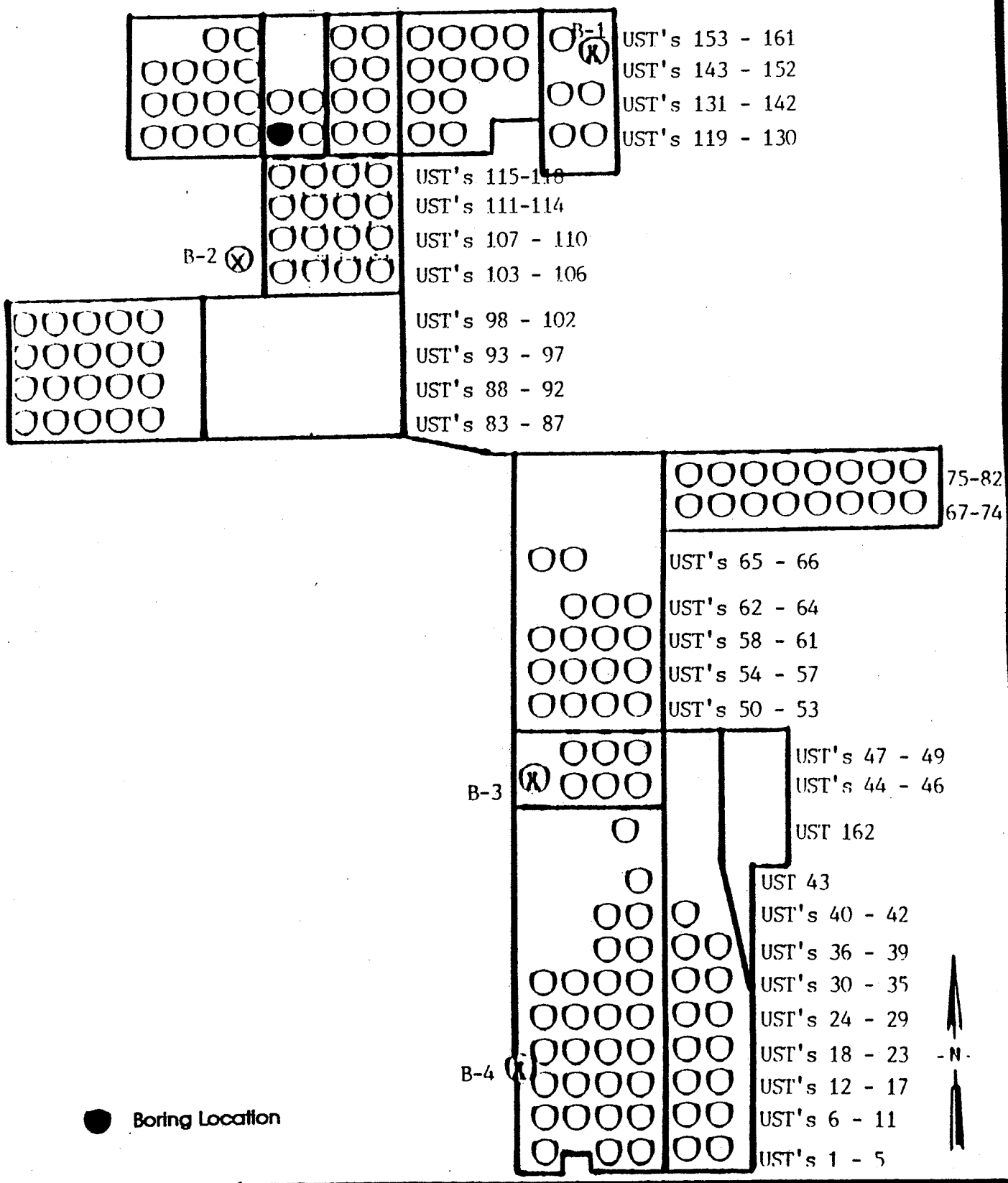
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	*TPHg*	*Concentration (mg/kg)* Benzene	*Toluene*	*Xylenes*	*Ethylbenzene*
At 2 ft	*2900*	*40*	*250*	*425*	*79*
At 6 ft	*2700*	*29*	*210*	*540*	*92*
At 15 ft	*370*	*1.4*	*28*	*95*	*13*
At 20 ft	*4300*	*26*	*84*	*470*	*45*
At 25 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 35 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 40 ft	*ND*	*ND*	*ND*	*ND*	*ND*



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40872
BAKERSFIELD, CA 93384

- Site Map -

16-7-123

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

MEMORANDUM

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION

73-720 Fred Waring Drive - Suite 100, Palm Desert, CA 92260 Phone: (619) 346-7491 Fax (619) 341-6820

Cal/EPA

Pete Wilson
Governor

TO: Dave Deaner
State Water Resources Control Board
Clean Water Programs
Underground Storage Tanks
Sacramento

FROM: Phil Gruenberg, Executive Officer

DATE: MAR 10 1997

RE: Sunworld, Site 72, UST No. 127, Case File No. 7T2225133

Attached is the case summary for the subject site at which no further regulatory involvement is necessary to protect water quality and beneficial uses of water resources. We are forwarding this information in accordance with Section 25299.37 of the Health and Safety Code, which requires that a database be maintained describing remaining residual pollution for use by regulatory agencies and the general public in making land use decisions, etc.

If you have any questions, please call Abdi Haile at (619)776-8939.

cc:Jim Ray, Riverside County Environmental Health Services, Indio
Richard Larshbrook, Riverside County Transportation, Riverside
Steve Keyes, Riverside County Health Services, Blythe

UNDERGROUND STORAGE TANK
CASE SUMMARY
(soil only)

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: Feb 18, 97	LUSTIS Case No. 772	Case Reviewer: Rob Tucker	
Site Name/ Address: Blythe Lemon Ranch 15550 West Hobsonway Blythe	Responsible Parties: Sun world	Address: Paul Knupp P.O. Box 9110 Bakersfield, CA 93309-1698	Phone: 805 833-6460

I.CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	300	Gasoline	Removed	8/91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 miles away		
GW. highest depth: 90 ft bgs	GW. lowest depth: unknown	Flow direction: South East
GW. impacted: Yes (No)	Maximum depth sampled: 40 ft	SW. impacted: Yes (No)

III. DOCUMENTED RESIDUAL CONTAMINANT CONCENTRATIONS (ND=not detected, NA -not analyzed)

Contaminant	Soil ppm Highest Conc.	Depth (ft)	Soil ppm Lowest Conc.	Depth (ft)	Contaminant	Soil ppm Highest Conc.	Depth (ft)	Soil ppm Lowest Conc.	Depth (ft)
TPH(gas)	550	6'	ND	10'	Ethyl-benzene	2.2	6'	ND	10'
TPH (diesel)					Xylenes	54	6'	ND	10'
Benzene	.11	6'	ND	10'	MTBE	NA			
Toluene	.9	6	ND	10'	Other				

IV. SHALLOW SOIL POLLUTION

Highest TPH concentration found above 10 feet below grade: 550 ppm @ 6' bgs

IV. SOIL REMEDIATION

Method: None	Duration of remediation:

V. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue no Further Action Letter

VI. COMMENTS

Soil samples were taken to a depth of 40 ft and no TPHg or BTEX components were detected deeper than 10 ft below grade. Ground water is reported to be at 90 ft below grade. This summary is for file UST C SUNW 720 Tank No 127

UST C No 127

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

MAR 10 1997

Paul W. Knupp
Sun World
P. O. Box 9110
Bakersfield, CA 93389

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 127
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of a site investigation and remedial action for the underground storage tank(s) formerly located at the above described location. Thank you for your cooperation throughout this investigation. Your willingness and promptness in responding to our inquiries concerning the former underground storage tank(s) are greatly appreciated.

Based on the information on the above-referenced file, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further action related to the underground storage tank release is required.

This notice is pursuant to a regulation contained Section 2721(e) of Title 23 of the California Code of Regulations.

Please telephone Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Sincerely,

PHIL GRUENBERG
Executive Officer

rt/jb

cc: Jonathan L. Buck, AEC, Inc. Bakersfield

File Ref: 7T2225133, UST C SUNW 72.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION DATE:_____

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225133
FILE CODE NO: *UST C SUNW 72.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

Original COPY Signed + Mailed
RT

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	550 @6'	N/A	N/A	N/A
Benzene	11 @6'			
Toluene	.90 @6'			
Ethyl-benzene	54 @6'			
Xylene	2.2 @6'			

COMMENTS : *Soil samples were taken to a depth of 40 ft and no TPHg or BTEX component were detected deeper than 10 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 72.0 , Tank No. 133.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

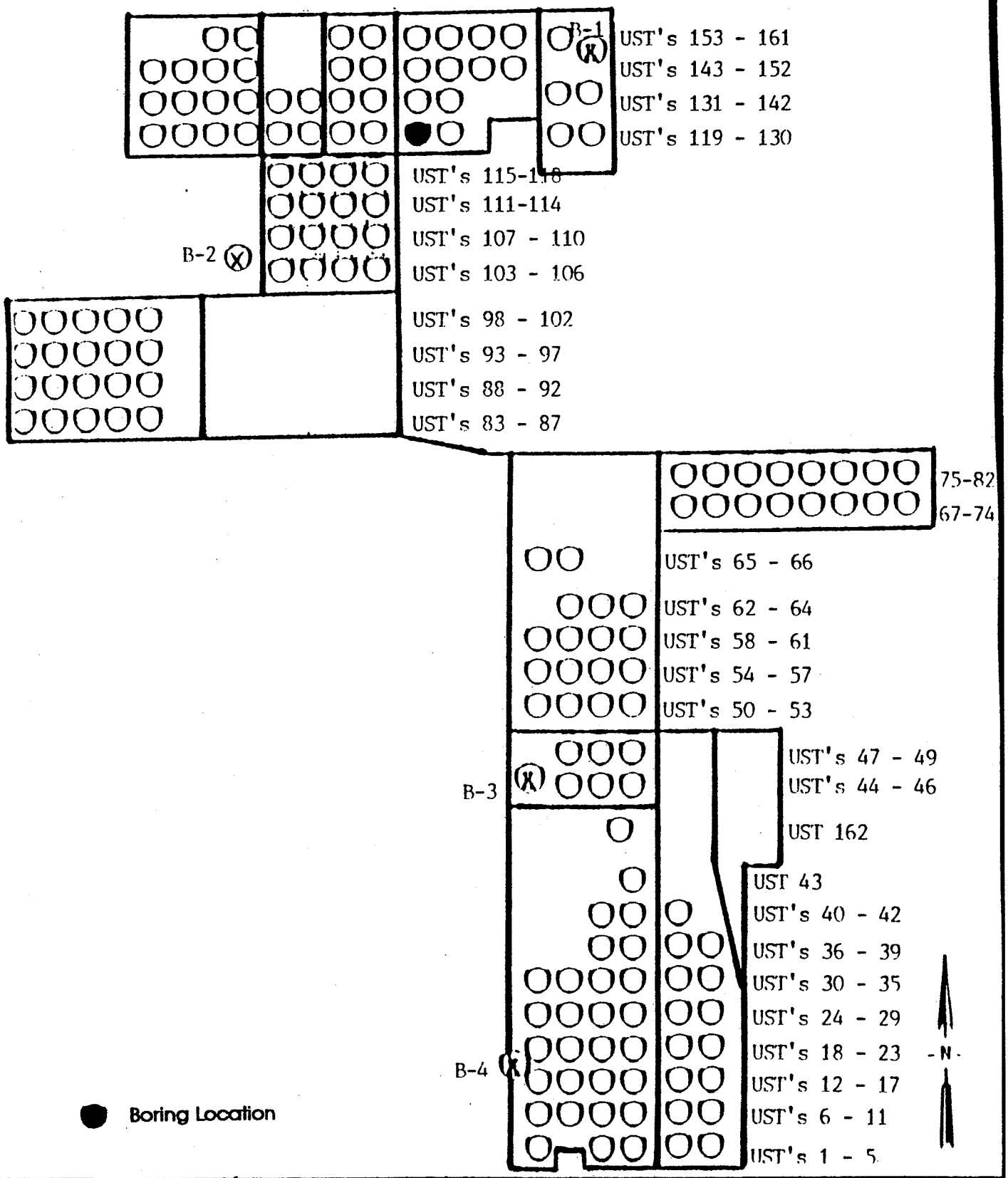
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker:_____
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile:_____

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	*Concentration (mg/kg)*				
	TPHg	*Benzene*	*Toluene*	*Xylenes*	*Ethylbenzene*
At 2 ft	*180*	*.021*	*.13*	*4.31*	*.24*
At 6 ft	*550*	*11*	*.90*	*54*	*2.2*
At 10 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 15 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 20 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 25 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 30 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 35 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 40 ft	*ND*	*ND*	*ND*	*ND*	*ND*



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

25-11-127

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

SEP 26 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 128
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225134, UST C SUNW 73.0

Rt

UNDERGROUND STORAGE TANK
CASE SUMMARY

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: Sept 6, 96	LUSTIS Case No. 7T2225134	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch, 15550 West Hobsonway, Blythe CA	Responsible Parties: Sunworld	Address: Paul Knupp, P.O. Box 9110, Bakersfield, CA 93309-1698	Phone: 805 833-6460

I.CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	500	Gasoline	Removed	8/91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 miles away		
GW. highest depth: 90 Ft bgs	GW. lowest depth: unknown	Flow direction: South East
GW. impacted: Yes (No)	Maximum depth sampled: 70 Ft	SW. impacted: Yes (No)

III. MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS- INITIAL AND LATEST (ND= non detected)

Contaminant	Soil ppm		Water		Contaminant	Soil ppm		Water	
	Initial Year(93)	Latest Year( )	Initial Year( )	Latest Year( )		Initial Year(93)	Latest Year( )	Initial Year( )	Latest Year( )
TPH(gas)	6540				Ethyl-benzene	171			
TPH (diesel)	—				Xylenes	994			
Benzene	7.7				MTBE	—			
Toluene	397				Other	—			

IV. SOIL REMEDIATION

Method: None	Duration of remediation: N/A

V. GROUND WATER REMEDIATION

Method: None	Duration of remediation: N/A

VI. FREE PRODUCT

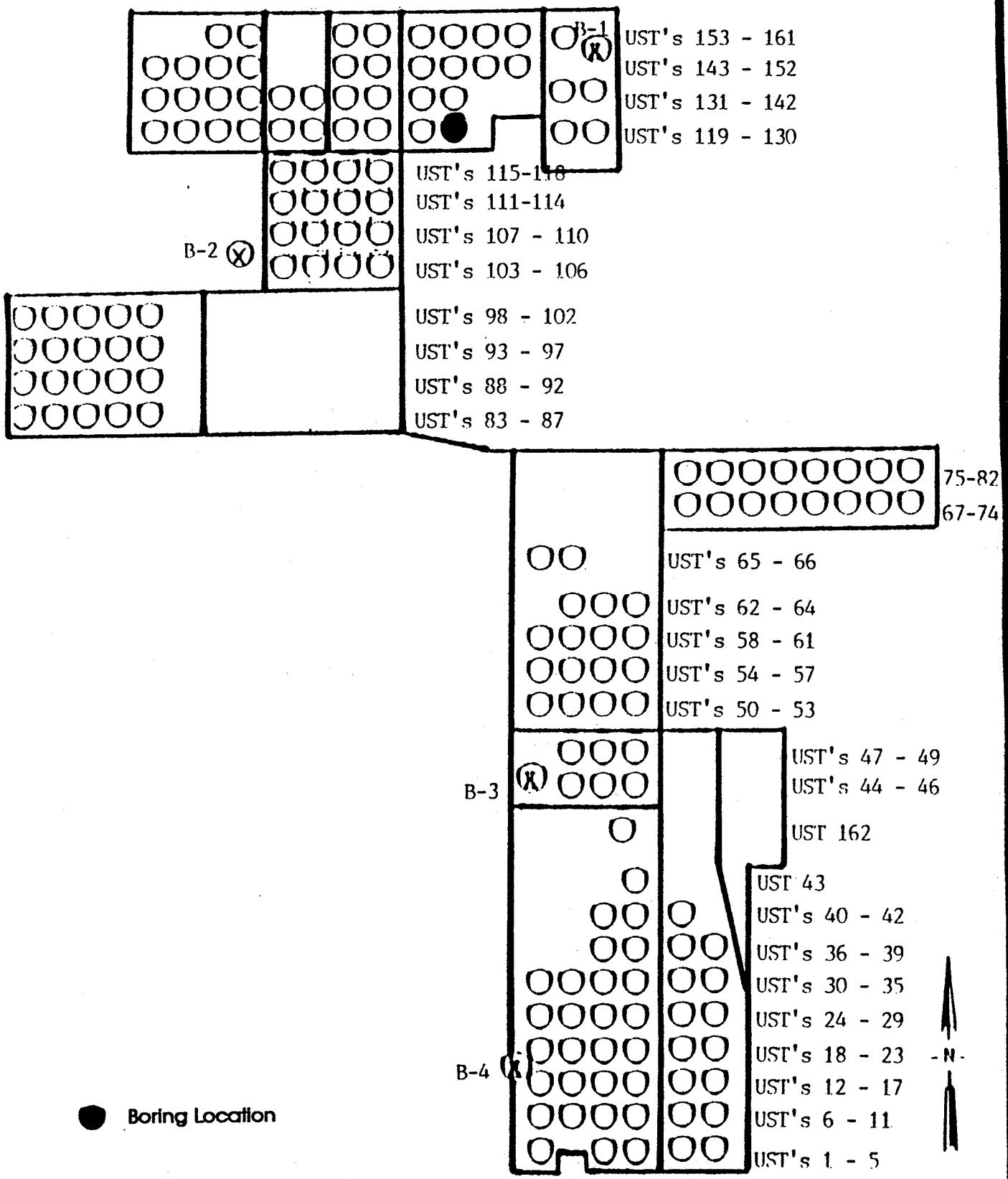
Was free product encountered ? Yes (No)	Has free product been totally recovered? YES NO
When was the free product recovery project completed: N/A	

VII. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue No Further Action letter

VIII. COMMENTS

No soil pollution detected deeper than 60 feet below grade.
This summary is for UST No 128, Case file UST C
SUNW 73.0



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

25-12-128

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONME PROTECTION AGENCY PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

SEP 26 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 129
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225121, UST C SUNW 60.0

RT

UNDERGROUND STORAGE TANK
CASE SUMMARY

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: Sept 6, 96	LUSTIS Case No. 7T2225121	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe lemon Ranch 15550 West Hobson way Blythe CA	Responsible Parties: Sunworld	Address: Paul Knupp P.O. Box 9110 Bakersfield CA 93309-1698	Phone: 805 833-6460

I.CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	500	Gasoline	Removed	8/91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 miles away		
GW. highest depth: 90 Ft bgs	GW. lowest depth: unknown	Flow direction: South East
GW. impacted: Yes (No)	Maximum depth sampled: 50 Ft	SW. impacted: Yes (No)

III. MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS- INITIAL AND LATEST (ND= non detected)

Contaminant	Soil ppm		Water		Contaminant	Soil ppm		Water	
	Initial Year(93)	Latest Year( )	Initial Year( )	Latest Year( )		Initial Year(93)	Latest Year( )	Initial Year( )	Latest Year( )
TPH(gas)	3540				Ethyl-benzene	10			
TPH (diesel)	—				Xylenes	241			
Benzene	.95				MTBE	—			
Toluene	6.5				Other	—			

IV. SOIL REMEDIATION

Method: None	Duration of remediation: N/A

V. GROUND WATER REMEDIATION

Method: None	Duration of remediation: N/A

VI. FREE PRODUCT

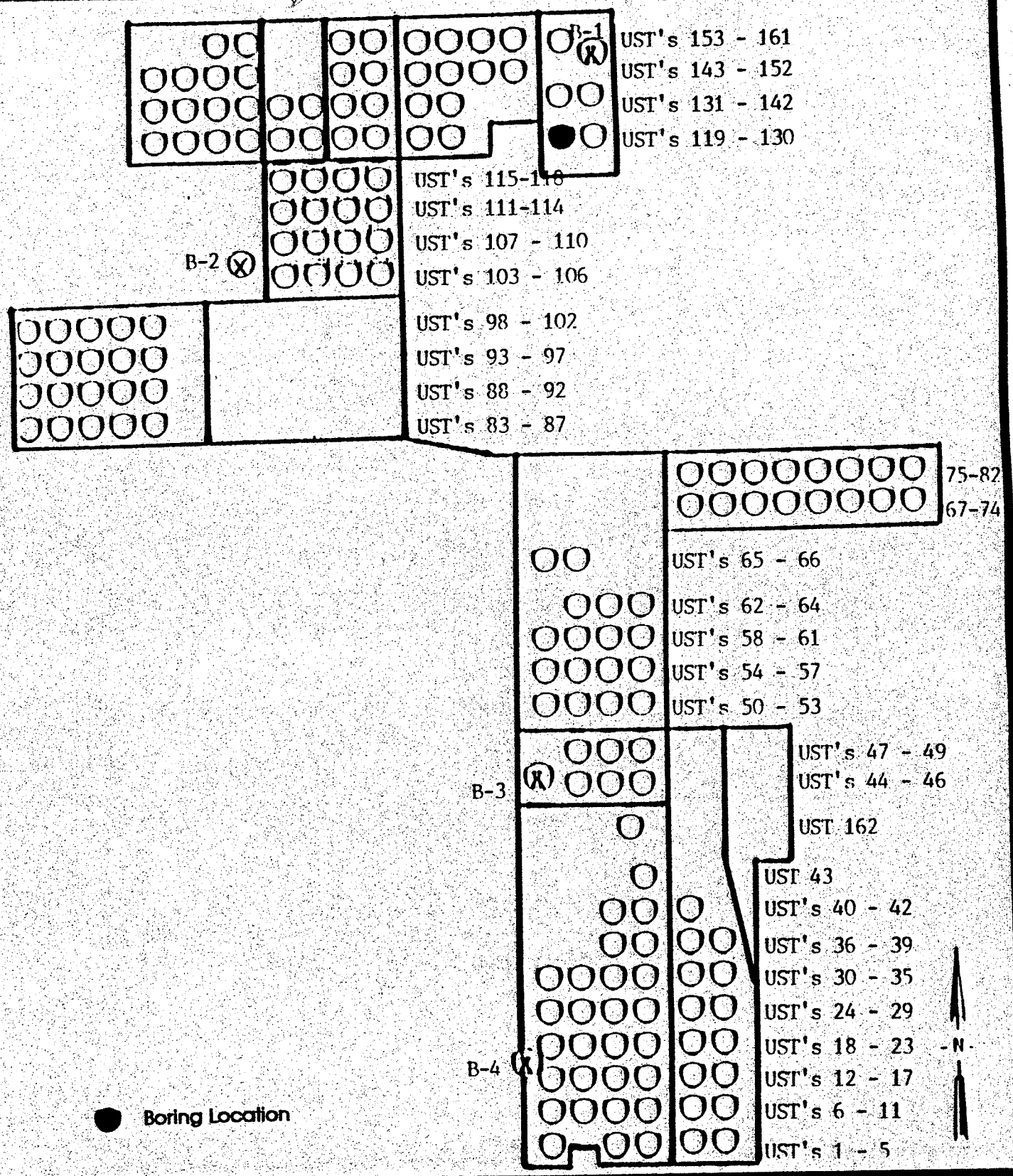
Was free product encountered ? Yes (No)	Has free product been totally recovered? YES NO
When was the free product recovery project completed: N/A	

VII. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue No Further Action letter

VIII. COMMENTS

No soil pollution detected depper than 45 Ft below grade
This summary is For UST No 129, Case File UST C-
-SUNW 60.



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

11-4-129

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

SEP 26 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 130
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225122, UST C SUNW 61.0

UNDERGROUND STORAGE TANK
CASE SUMMARY

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: Sept 6 96	LUSTIS Case No. 7T2225122	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch 15550 West Hobsonway Blythe	Responsible Parties: Sunworld	Address: Paul Knupp P.O. Box 9110 Bakersfield CA 93309-1698	Phone: 805 833-6460

I. CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	500	Gasoline	Removed	8/91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 miles away		
GW. highest depth: 90 Ft bgs	GW. lowest depth: Unknown	Flow direction: South East
GW. impacted: Yes (No)	Maximum depth sampled: 50 Ft	SW. impacted: Yes (No)

III. MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS- INITIAL AND LATEST (ND= non detected)

Contaminant	Soil ppm		Water		Contaminant	Soil ppm		Water	
	Initial Year(93)	Latest Year( )	Initial Year( )	Latest Year( )		Initial Year(93)	Latest Year( )	Initial Year( )	Latest Year( )
TPH(gas)	7610				Ethyl-benzene	110			
TPH (diesel)	—				Xylenes	885			
Benzene	.6				MTBE	—			
Toluene	278				Other	—			

IV. SOIL REMEDIATION

Method: None	Duration of remediation: N/A

V. GROUND WATER REMEDIATION

Method: None	Duration of remediation: N/A

VI. FREE PRODUCT

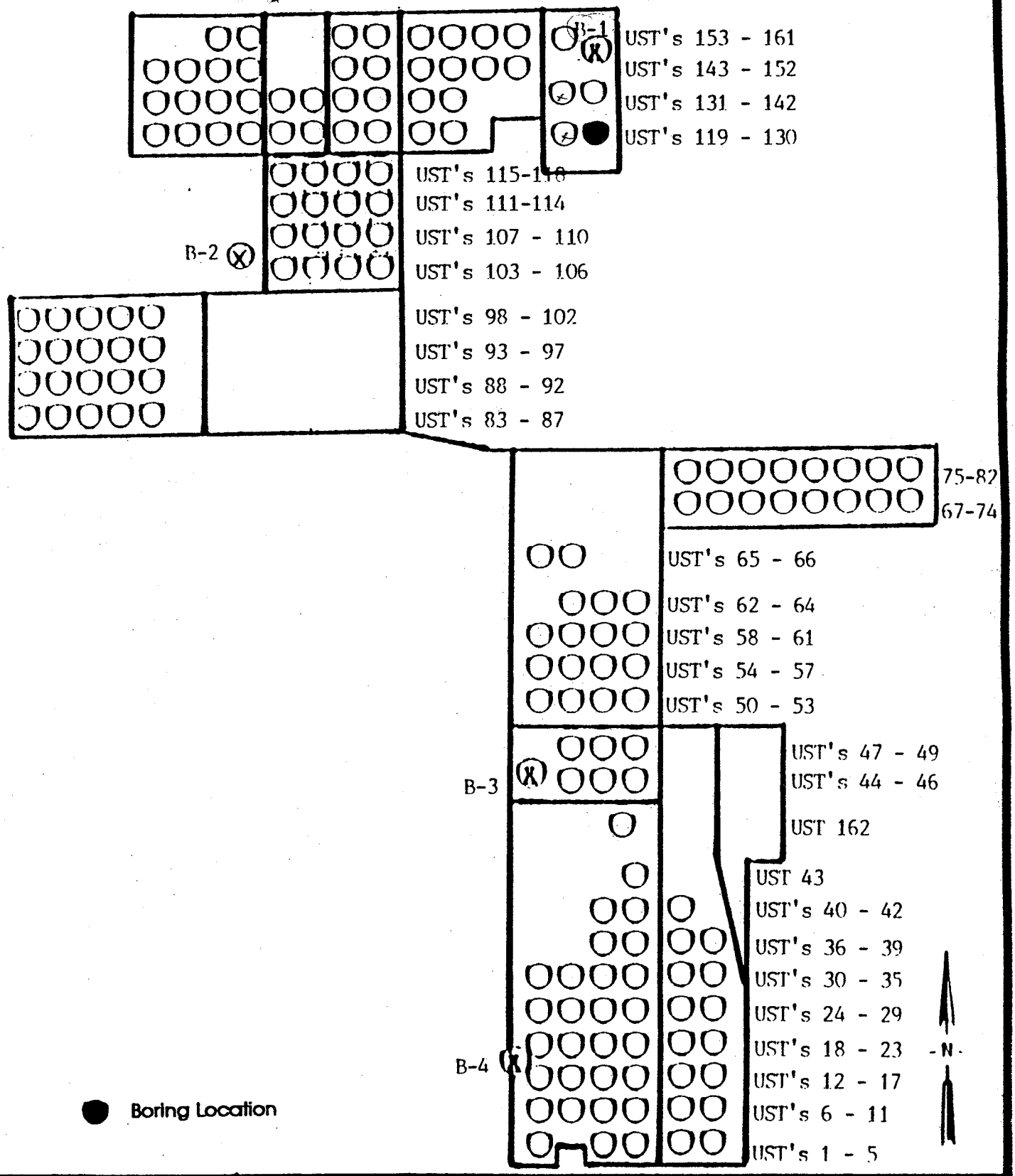
Was free product encountered ? Yes (No)	Has free product been totally recovered? YES NO
When was the free product recovery project completed: N/A	

VII. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue No Further Action Letter

VIII. COMMENTS

No soil pollution detected deeper than 45 Ft below grade.
This summary is for UST No 130, Case File UST C SUNW61.



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

11-5-130

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 13 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 131
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: 7T2225123, UST C SUNW 62.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 7/31/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225123
FILE CODE NO: *UST C SUNW 62.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg Benzene Toluene Ethyl-benzene Xylene	240 @15' .11 @15' .38 @2' 1.9 @15' 27.3 @15'	N/A	N/A	N/A

COMMENTS : *Soil samples were taken to a depth of 40 ft and no TPHg or BTEX component were detected deeper than 30 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 62.0 , Tank No. 131.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

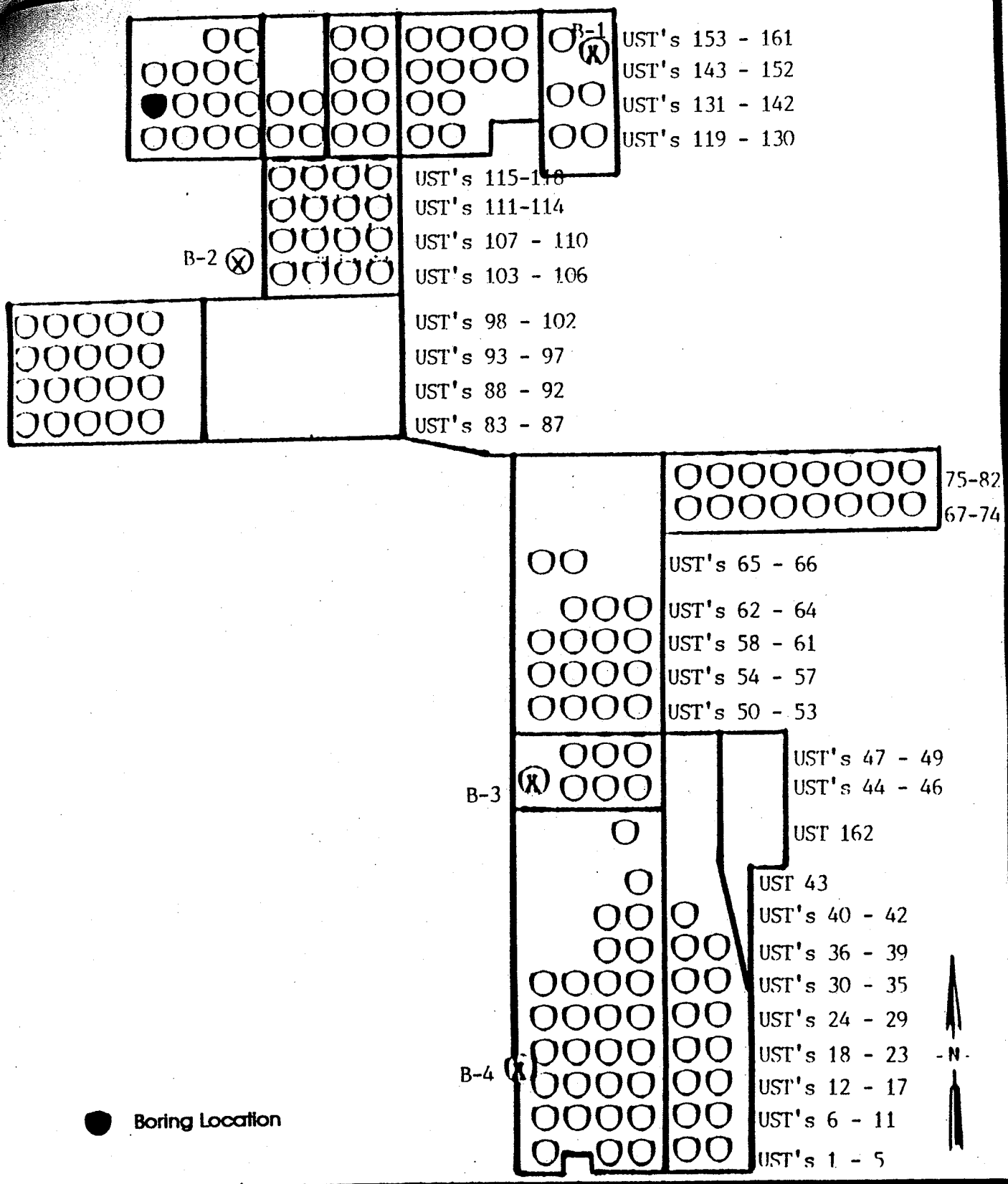
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 6	150	ND	.38	18.1	1.6
At 15 ft	240	.11	.20	27.3	1.9
At 20 ft	130	.065	.075	20.8	1.3
At 30 ft	ND	ND	ND	ND	ND
At 35 ft	ND	ND	ND	ND	ND
At 40 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

23-9-131

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619)346-7491
FAX (619) 341-6820

JUL 22 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 132
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation contained in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield (w/attachments)

File Ref: Working; 7T2225124, UST C SUNW 63.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 7/10/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225124
FILE CODE NO: *UST C SUNW 63.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

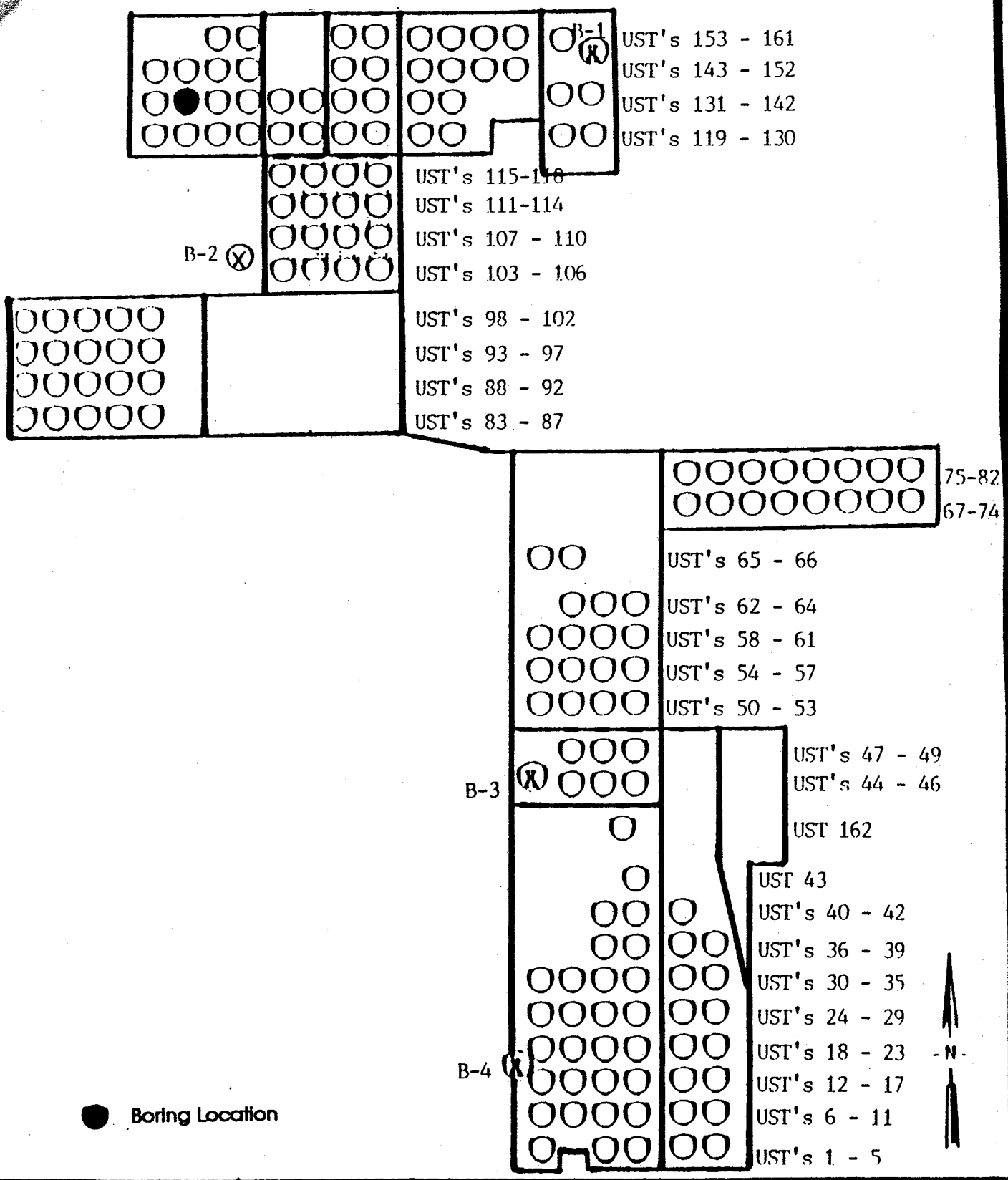
CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

23-10-132

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 13 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 133
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As noted above

File Ref: 7T2225125, UST C SUN 64

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 8/2/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225125
FILE CODE NO: *UST C SUNW 64.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	650 @2'	N/A	N/A	N/A
Benzene	5 @2'			
Toluene	34 @2'			
Ethyl-benzene	24 @2'			
Xylene	155 @2'			

COMMENTS : *Soil samples were taken to a depth of 35 ft and no TPHg or BTEX component were detected deeper than 25 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 64.0 , Tank No. 133.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

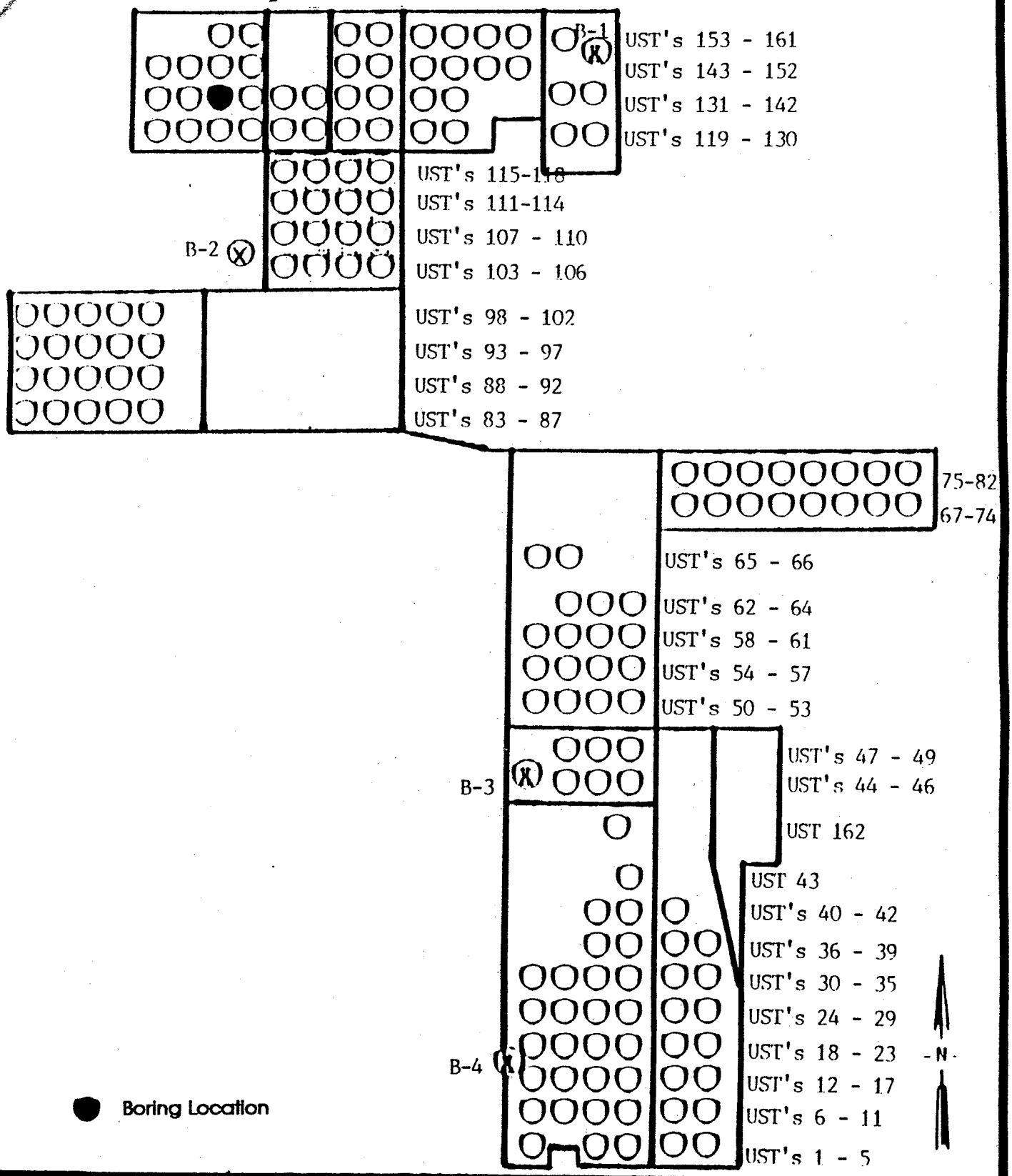
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert E Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	*TPHg*	*Concentration (mg/kg)* Benzene	Toluene	Xylenes	Ethylbenzene
At 6	*500*	*.87*	*6.9*	*75*	*6.3*
At 15 ft	*150*	*.10*	*.79*	*48*	*2.2*
At 20 ft	*5.5*	*.0063*	*ND*	*.219*	*.0090*
At 25 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 35 ft	*ND*	*ND*	*ND*	*ND*	*ND*



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

23-11-133

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

SEP 18 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 135
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225126, UST C SUNW 65.0

RT

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION DATE:_____

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225126
FILE CODE NO: *UST C SUNW 65.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

COPY

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	4600 @2'	N/A	N/A	N/A
Benzene	65 @2'			
Toluene	170 @2'			
Ethyl-benzene	690 @2'			
Xylene	82 @2'			

COMMENTS: *Soil samples were taken to a depth of 45 ft and no TPHg or BTEX component were detected deeper than 45 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 65.0 , Tank No. 135*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

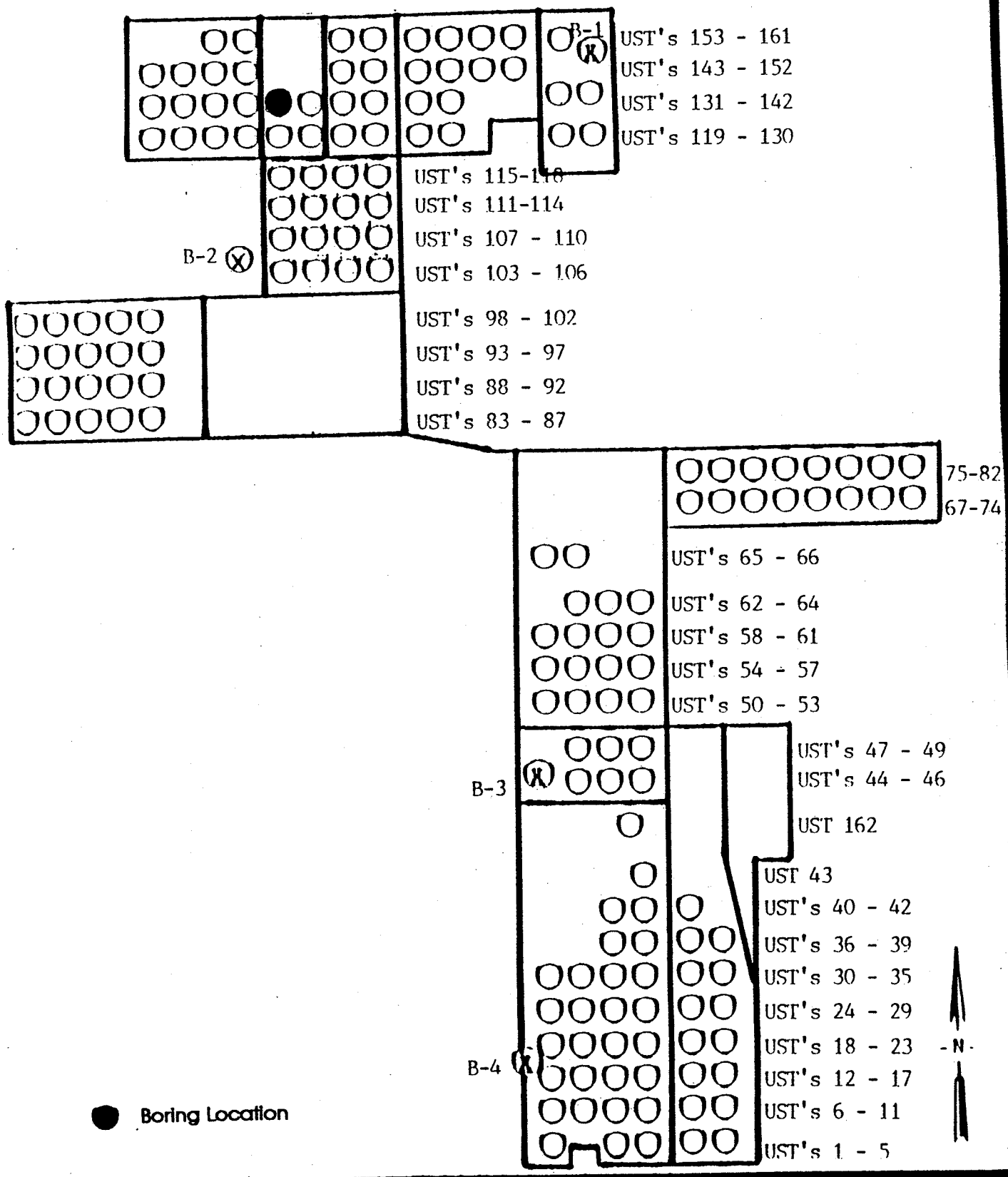
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker:_____
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile:_____

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	Concentration (mg/kg) TPHg	Benzene	Toluene	Xylenes	Ethylbenzene
At 2 ft	4600	65	170	690	82
At 6 ft	ND	.016	ND	.0425	ND
At 15 ft	270	3.0	39	85	11
At 25 ft	360	1.4	ND	58	2.0
At 35 ft	67	.0071	.0090	.206	.020
AT 40 ft	76	.25	.12	4.97	.085
At 45 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

16-5-135

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JAN 23 1997

Paul W. Knupp
Sunworld
P. O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 138
15550 West Hobsonway
Blythe, CA 92226

Following review of all technical reports and information in the subject case file, this letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jb

Enc.: As noted above

cc: Dave Deaner, State Water Resources Control Board, CWP, UST Cleanup Fund, Sacramento
Jonathan Buck, AEC, Bakersfield

File Ref: 7T2225127, UST C SUNW 66.0

RT

UNDERGROUND STORAGE TANK
CASE SUMMARY
(soil only)

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: Jan 14 97	LUSTIS Case No. 7T2225127	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch 15550 West Hobsonway Blythe CA	Responsible Parties: sunworld	Address: Paul Knupp P.O. Box 9110 Bakersfield CA 93309-1698	Phone: 805 833-6460

I.CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	300	Gasoline	Removed	91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 miles away		
GW. highest depth: 90 Ft bgs	GW. lowest depth: unknown	Flow direction:
GW. impacted: Yes (No)	Maximum depth sampled: 60 Ft	SW. impacted: Yes (No)

III. DOCUMENTED RESIDUAL CONTAMINANT CONCENTRATIONS (ND=not detected, NA -not analyzed)

Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)	Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)
TPH(gas)	1600	6'	ND	55	Ethyl-benzene	24	25	ND	60
TPH (diesel)					Xylenes	28	6	ND	60
Benzene	48	15	ND	60	MTBE	NA		NA	
Toluene	140	15	.0088	60	Other				

IV. SHALLOW SOIL POLLUTION

Highest TPH concentration found above 10 feet below grade: 1600 mg/kg

IV. SOIL REMEDIATION

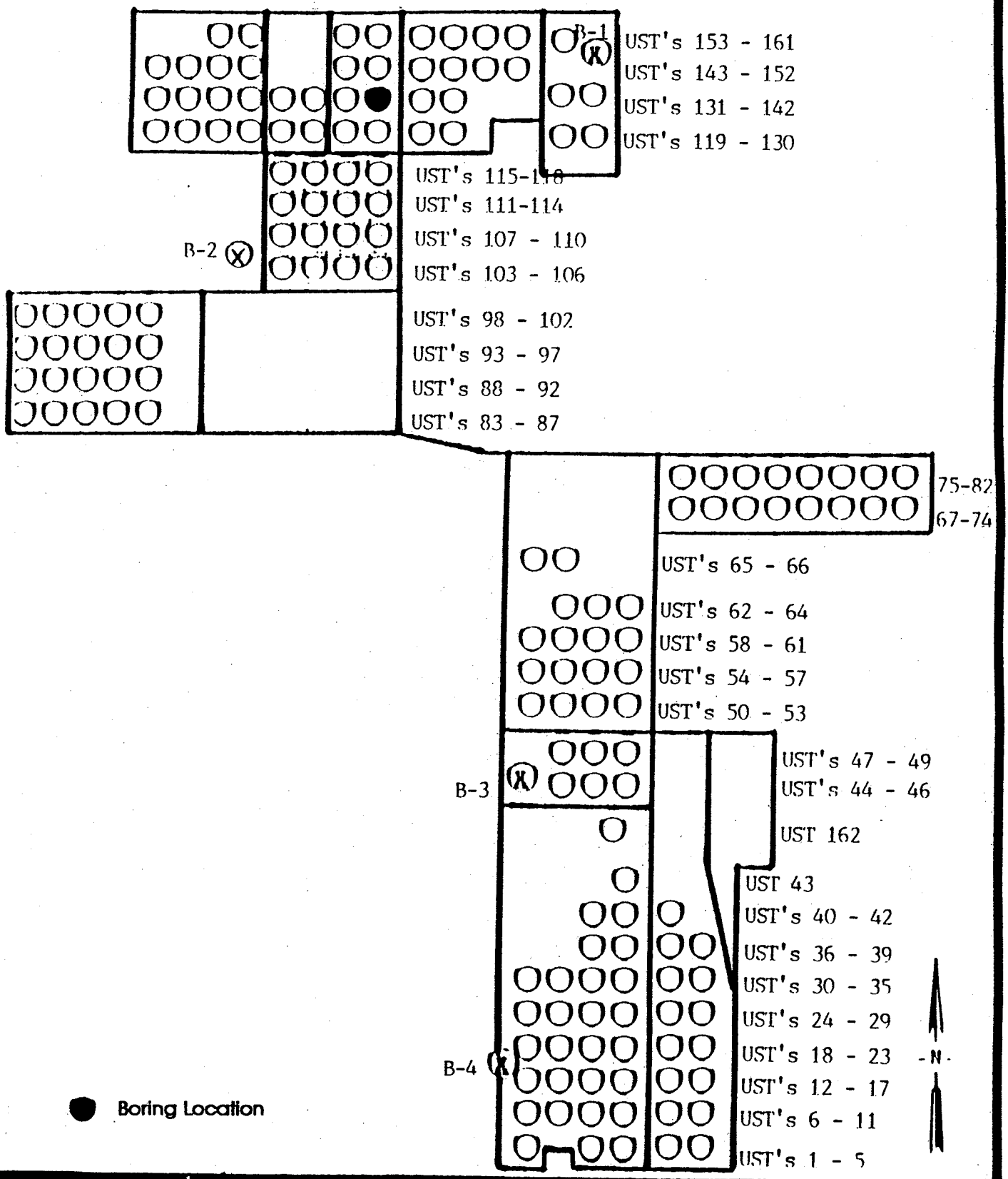
Method: None	Duration of remediation: N/A

V. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue No Further Action letter

VI. COMMENTS

Soil pollution detected to 60 Ft below grade, only toluene was detected. This summary is for UST No. 138 case File UST C SUNW66.0 !



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

10-6-138

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 13 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 140
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc: As noted above

File Ref: 7T2225135, UST C SUNW 74.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION DATE:_____

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225135
FILE CODE NO: *UST C SUNW 74.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

COPY

Orginal Signed By Mailed

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	3680 @35'	N/A	N/A	N/A
Benzene	1.3 @45'			
Toluene	107 @35'			
Ethyl-benzene	42 @30'			
Xylene	337 @30'			

COMMENTS: *Soil samples were taken to a depth of 80 ft and no TPHg or BTEX component were detected deeper than 60 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 74.0 , Tank No. 140 .*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

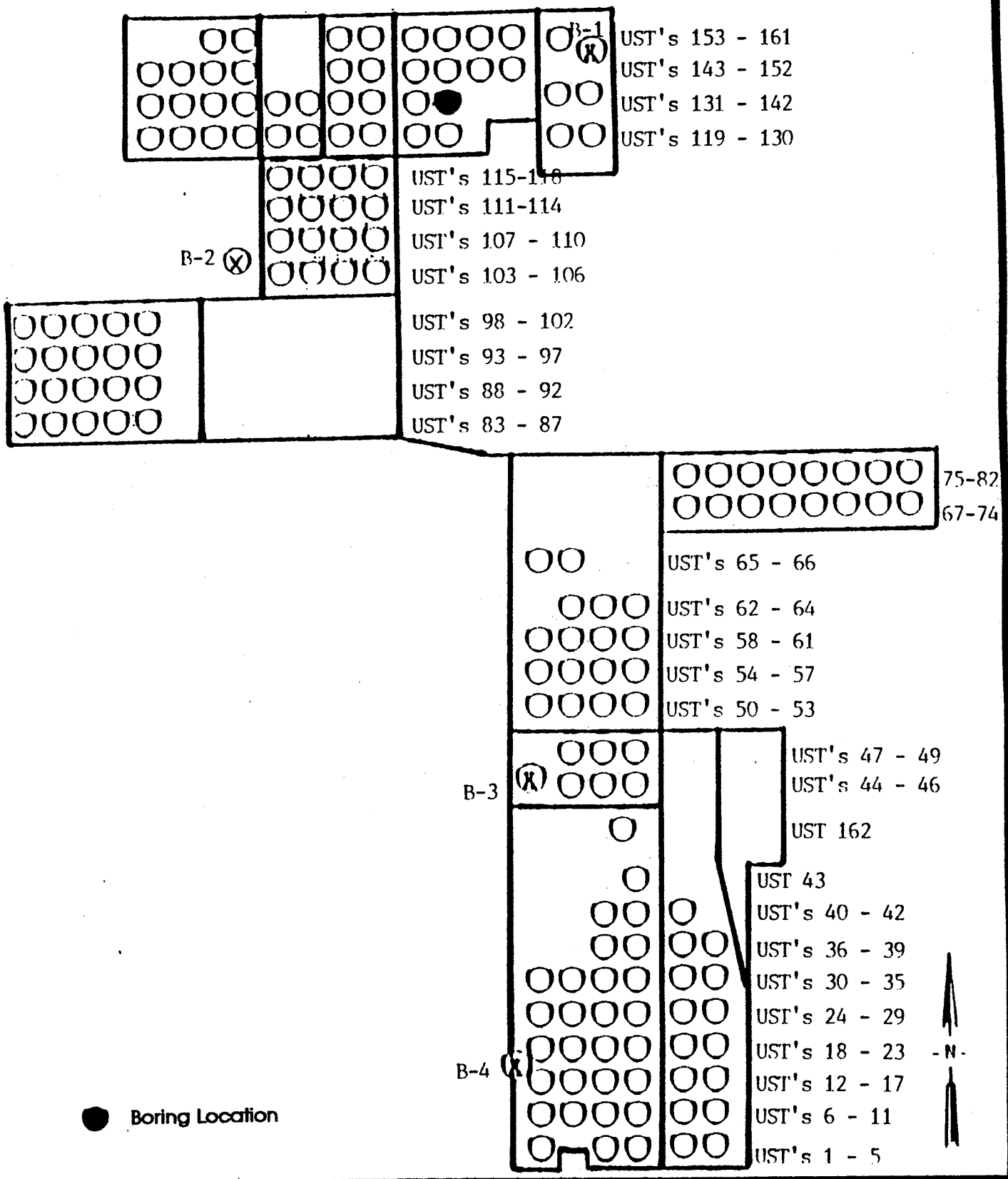
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker:_____
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile:_____

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	Concentration (mg/kg) TPHg	Benzene	Toluene	Xylenes	Ethylbenzene
At 6 ft	2100	.012	.12	2.13	.1
At 10 ft	ND	ND	ND	ND	1.3
At 15 ft	10	ND	ND	18	.6
At 20 ft	ND	ND	ND	ND	ND
At 25 ft	2400	ND	3	135	6.4
At 30 ft	3020	1.0	136	337	42
At 35 ft	3680	.5	107	335	41
At 45 ft	1870	1.3	98	239	33
At 60 ft	2200	7.2	113	221	35
At 70 ft	ND	ND	ND	ND	ND
At 80 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

25-10-140

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

SEP 26 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 141
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
PHIL GRUENBERG
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc.: As noted above

File Ref: 7T2225128, UST C SUNW 67.0

RT

UNDERGROUND STORAGE TANK
CASE SUMMARY

ornia
ironmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: Sept 6 96	LUSTIS Case No. 7T2225128	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch 15550 West Ranch Blythe CA	Responsible Parties: Sunworld	Address: Paul Knupp P.O. Box 9110 Bakersfield CA 93309-1698	Phone: 805 833-6460

I.CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	500	Gasoline	Removed	8/91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal
Distance to nearest municipal supply well: Over 1.5 miles away		
GW. highest depth: 90 Ft bgs	GW. lowest depth: unknown	Flow direction: South East
GW. impacted: Yes (No)	Maximum depth sampled: 40 Ft	SW. impacted: Yes (No)

III. MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS- INITIAL AND LATEST (ND= non detected)

Contaminant	Soil ppm		Water		Contaminant	Soil ppm		Water	
	Initial Year(93)	Latest Year( )	Initial Year( )	Latest Year( )		Initial Year(93)	Latest Year( )	Initial Year( )	Latest Year( )
TPH(gas)	4340				Ethyl-benzene	14			
TPH (diesel)	—				Xylenes	309			
Benzene	1.6				MTBE	—			
Toluene	38				Other	—			

IV. SOIL REMEDIATION

Method: None	Duration of remediation: N/A

V. GROUND WATER REMEDIATION

Method: None	Duration of remediation: N/A

VI. FREE PRODUCT

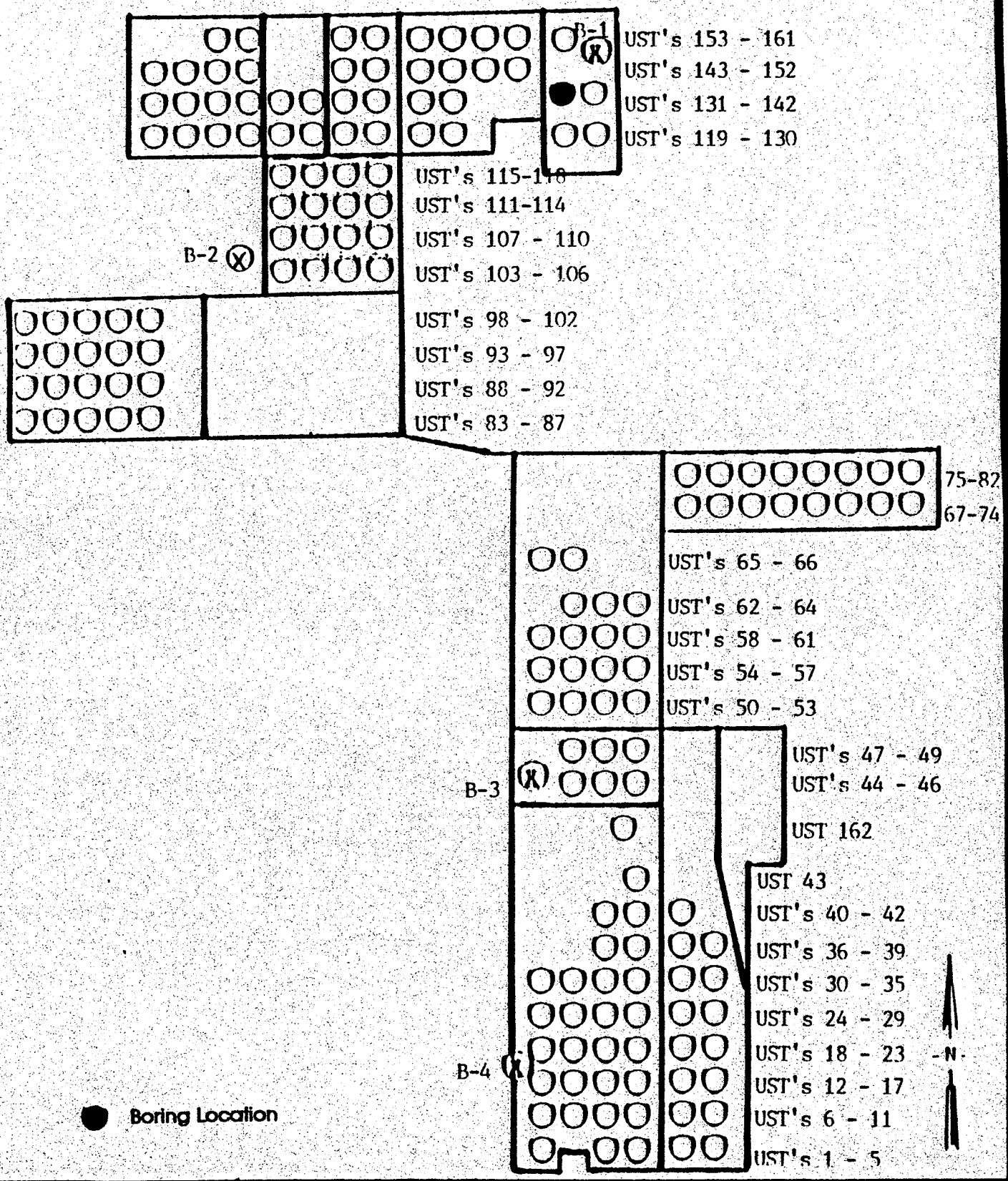
Was free product encountered ? Yes (No)	Has free product been totally recovered? YES NO
When was the free product recovery project completed: N/A	

VII. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue No Further Action letter

VIII. COMMENTS

No soil pollution detected deeper than 35 Ft below grade.
This summary is for UST No. 141, Case File UST CSUNW 670



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

11-2-141

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

MAY 23 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

Re: Underground Storage Tank (UST) Case
UST No. 143
15550 West Hobsonway
Blythe, CA

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to a regulation in California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619) 776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jj

cc: Jonathan Buck, Advanced Environmental Concepts, Bakersfield

Enc.: As stated above

File Ref: Working (UST C SUNW 68.0) 7T2225129

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: 5/8/96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225129
FILE CODE NO: *UST C SUNW 68.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	400 @ 2'	N/A	N/A	N/A
Benzene	.89			
Toluene	18			
Ethyl-benzene	69			
Xylene	62			

COMMENTS (Dept of Remediation, etc): *Soil samples were taken to a depth of 20 ft. No TPHg or BTEX compounds were found 10 ft below grade. Ground water is reported to be at 90 ft below grade. This summary is for UST C SUNW 68.0 , Tank No. 143.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

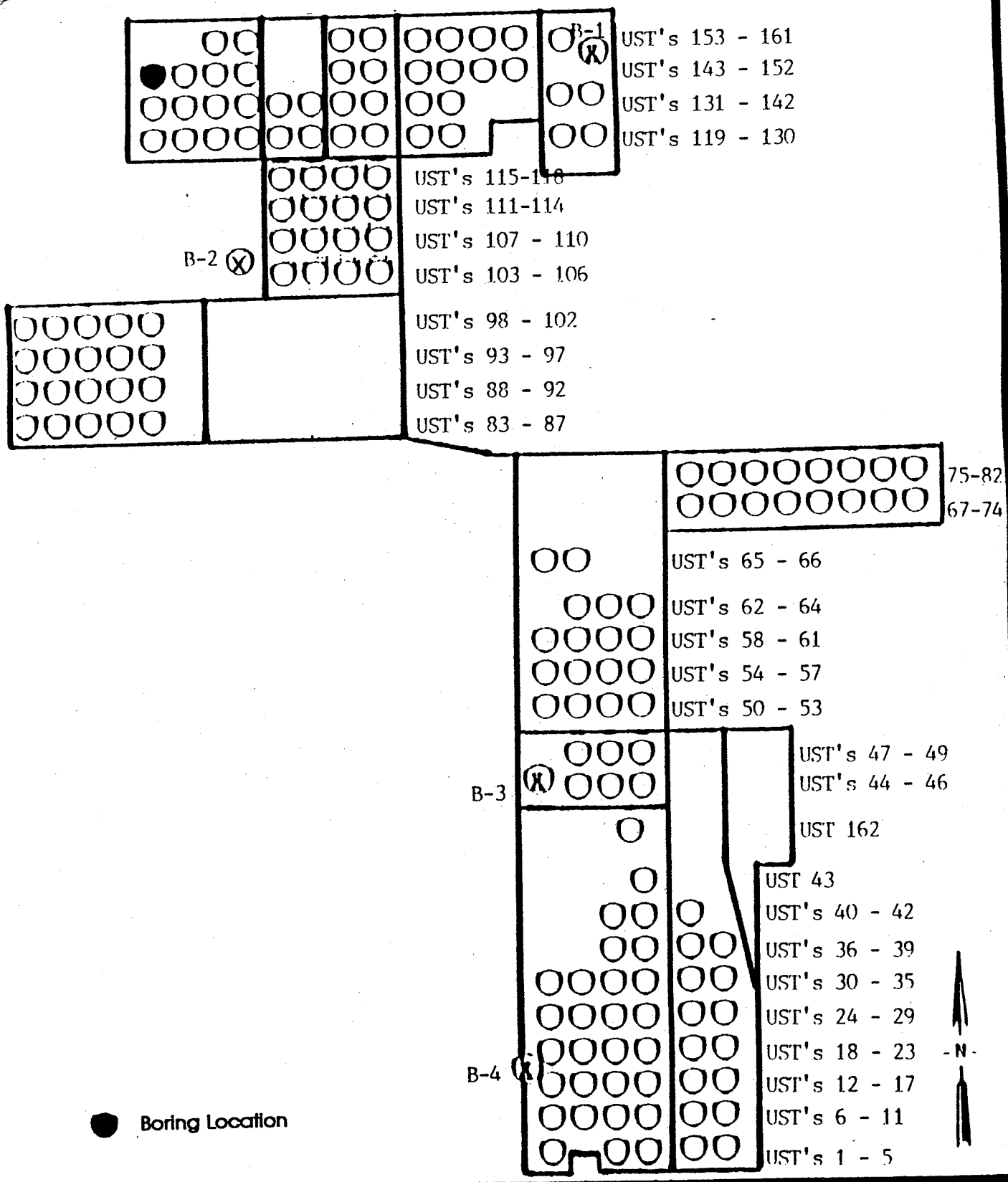
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert T. Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Steph Dum

V. ADDITIONAL COMMENTS, DATA, ETC.

	Concentration (mg/kg)				
Depth	*TPHg*	*Benzene*	*Toluene*	*Xylenes*	*Ethylbenzene*
At 6 ft	*220*	*.18*	*18*	*62*	*6.9*
At 10 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 15 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 20 ft	*ND*	*ND*	*ND*	*ND*	*ND*



AEC
ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

93-5-143

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JAN 2 . 1997

Paul W. Knupp
Sunworld
P. O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 145
15550 West Hobsonway
Blythe, CA 92226

Following review of all technical reports and information in the subject case file, this letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jb

Enc.: As noted above

cc: Dave Deaner, State Water Resources Control Board, CWP, UST Cleanup Fund, Sacramento
Jonathan Buck, AEC, Bakersfield

File Ref: 7T2225130, UST C SUNW 69.0

RT

UNDERGROUND STORAGE TANK
CASE SUMMARY
(soil only)

California
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: Jan 14, 97	LUSTIS Case No. 7T2225130	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch 15550 West Hobsonway. Blythe	Responsible Parties: Sunworld	Address: Paul Knupp P.O. Box 9110 Bakersfield CA 93309	Phone: 805 833-6460

I. CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	300	Gasoline	Removed	8/91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal	
Distance to nearest municipal supply well: Over 1.5 miles away			
GW. highest depth: 90 Ft bgs	GW. lowest depth: unknown	Flow direction: South East	
GW. impacted: Yes (No)	Maximum depth sampled: 60 Ft	SW. impacted: Yes (No)	

III. DOCUMENTED RESIDUAL CONTAMINANT CONCENTRATIONS (ND=not detected, NA -not analyzed)

Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)	Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)
TPH(gas)	1100	35	2.6	60	Ethyl-benzene	3	35	.072	60
TPH (diesel)					Xylenes	235	35	.67	60
Benzene	8.1	35	ND	60	MTBE	NA		NA	
Toluene	60	35	22	60	Other				

IV. SHALLOW SOIL POLLUTION

Highest TPH concentration found above 10 feet below grade: 270 mg/kg

IV. SOIL REMEDIATION

Method: None	Duration of remediation: N/A

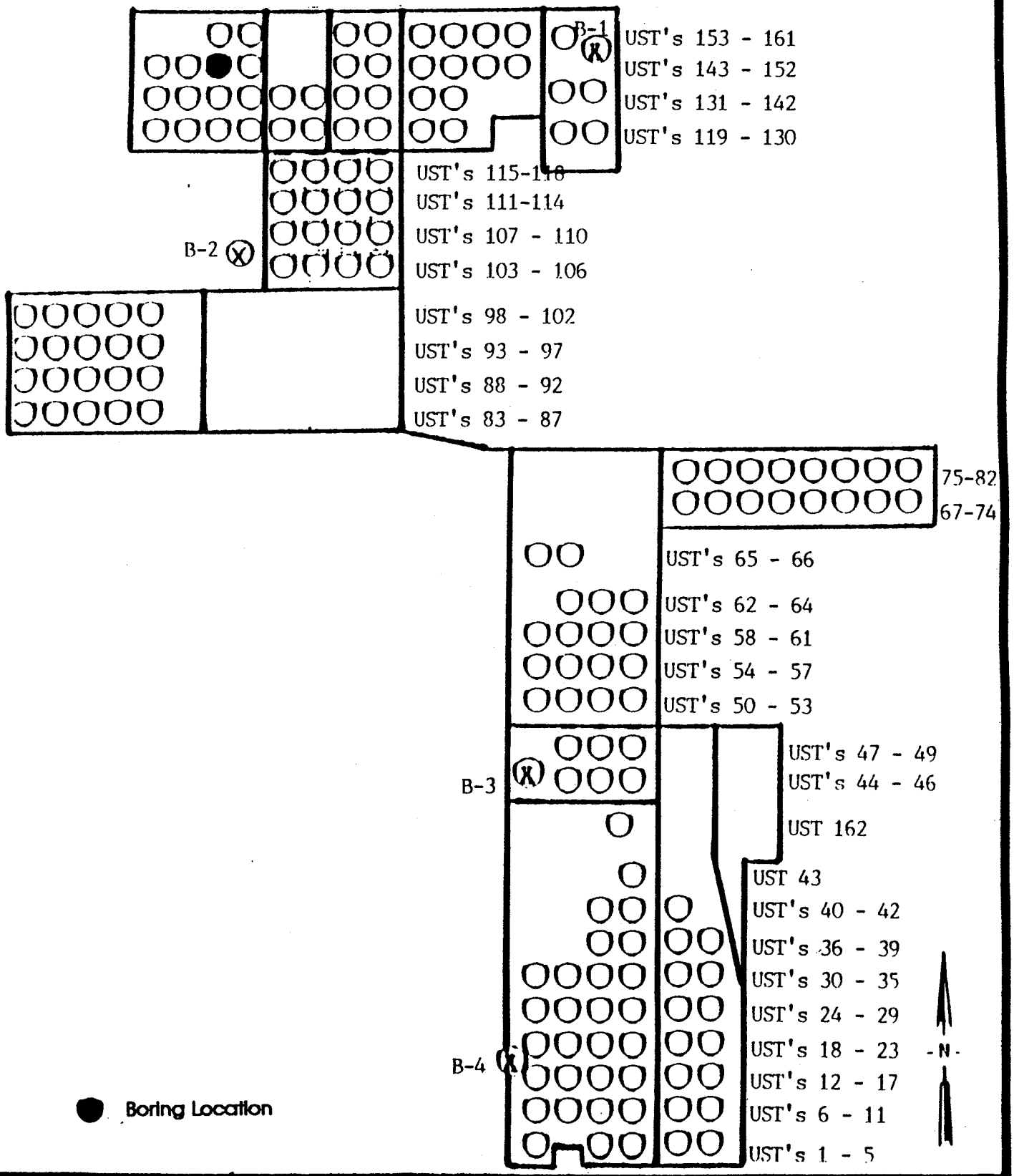
V. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue No Further Action letter

VI. COMMENTS

Soil Pollution detected at 60 Ft below grade, concentrations were low and no benzene detected.

This summary is for UST No. 145, case UST C SUNW 69.0



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

23-7-145

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 13 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 147
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc: As noted above

File Ref: 7T2225131, UST C SUNW 70.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: Aug 11 96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225131
FILE CODE NO: *UST C SUNW 70.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL

MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP

CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg	5100 @6'	N/A	N/A	N/A
Benzene	56 @6'			
Toluene	140 @6'			
Ethyl-benzene	730 @6'			
Xylene	44 @6'			

COMMENTS: *Soil samples were taken to a depth of 50 ft and no TPHg or BTEX component were detected deeper than 30 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 70.0 , Tank No. 147.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

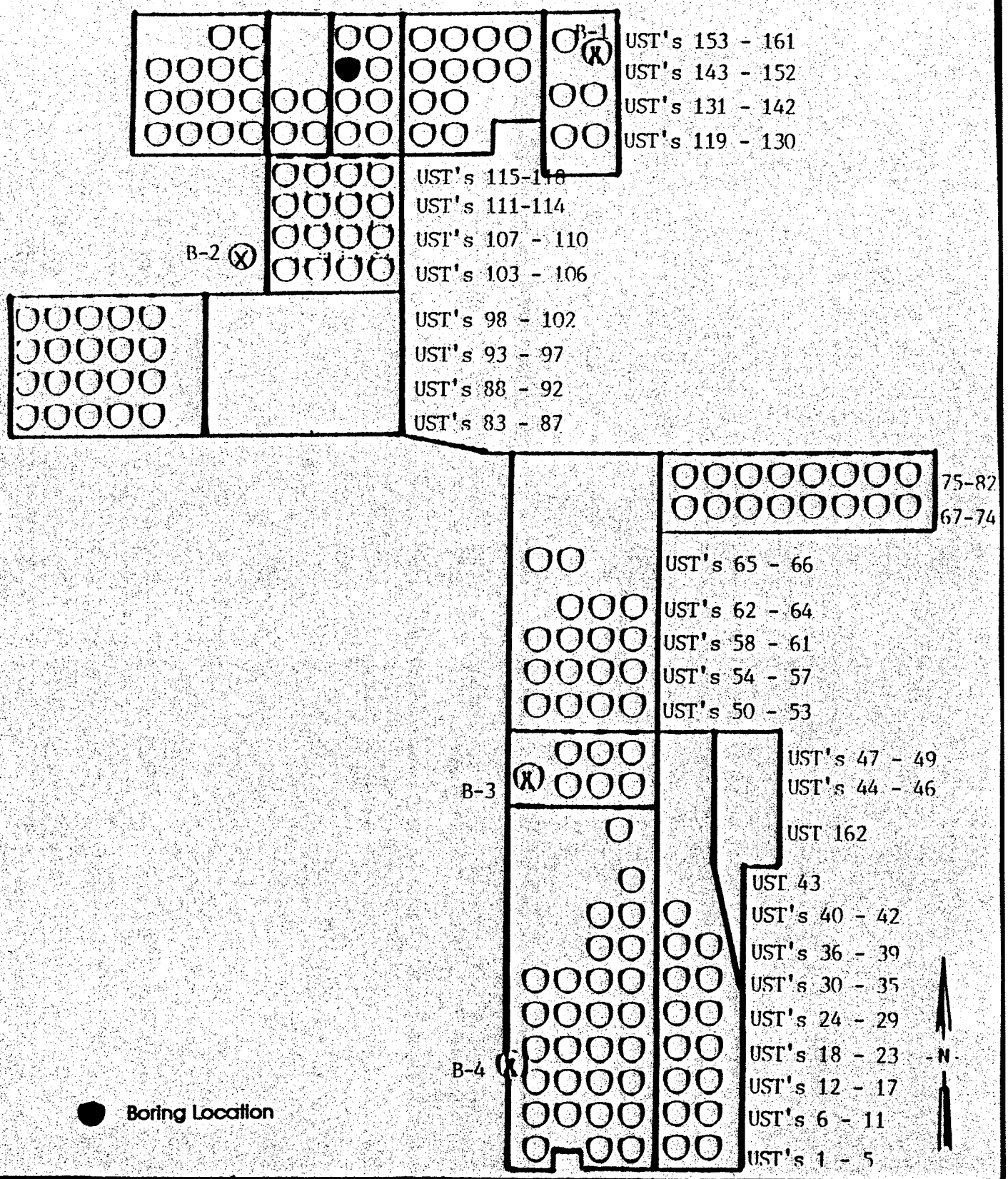
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 6 ft	5100	56	140	730	44
At 10 ft	1600	.042	1.0	158	2.2
At 20 ft	1700	1.1	55	285	11
At 30 ft	630	.43	30	125	8.5
At 40 ft	ND	ND	.0053	.0158	ND
AT 45 ft	ND	ND	ND	ND	ND
At 50 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

10-3-147

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE 2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

JAN 23 1997

Paul W. Knupp
Sunworld
P. O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 148
15550 West Hobsonway
Blythe, CA 92226

Following review of all technical reports and information in the subject case file, this letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg

PHIL GRUENBERG
Executive Officer

RT/jb

Enc.: As noted above

cc: Dave Deaner, State Water Resources Control Board, CWP, UST Cleanup Fund, Sacramento
Jonathan Buck, AEC, Bakersfield

File Ref: 7T2225132, UST C SUNW 71.0

RT

UNDERGROUND STORAGE TANK
CASE SUMMARY
(soil only)

alifornia
Environmental Protection Agency

Regional Water Quality Control Board
Colorado River Basin Region

Date: Jan 14 97	LUSTIS Case No. TT2225132	Case Reviewer: Robert Tucker	
Site Name/ Address: Blythe Lemon Ranch 15550 West Hobsonway Blythe CA	Responsible Parties: Sunworld	Address: Paul Knupp P.O. Box 9110 Bakersfield CA 93389	Phone: 805 833-6460

I.CASE INFORMATION (N/A = not applicable)

Tank No	Size in Gallons	Contents	Closed, Removed or In Place	Date
1	300	Gasoline	Removed	91
2				
3				
4				

II. SITE CHARACTERIZATION INFORMATION (GW. ground water, SW. = surface water)

Local GW. quality: Good		Beneficial uses: Municipal	
Distance to nearest municipal supply well: Over 1.5 miles away			
GW. highest depth: 90 Ft	GW. lowest depth: unknown	Flow direction: South East	
GW. impacted: Yes (No)	Maximum depth sampled: 85 Ft bgs	SW. impacted: Yes (No)	

III. DOCUMENTED RESIDUAL CONTAMINANT CONCENTRATIONS (ND=not detected, NA -not analyzed)

Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)	Contaminant	Soil mg/kg Highest Conc.	Depth (ft)	Soil mg/kg Lowest Conc.	Depth (ft)
TPH(gas)	2800	25	ND	75	Ethyl-benzene	58	45	ND	75
TPH (diesel)					Xylenes	454	25	ND	75
Benzene	4.9	45	ND	75	MTBE			ND	75
Toluene	160	45	ND	75	Other				

IV. SHALLOW SOIL POLLUTION

Highest TPH concentration found above 10 feet below grade: 1000 mg/kg

IV. SOIL REMEDIATION

Method: None	Duration of remediation: N/A

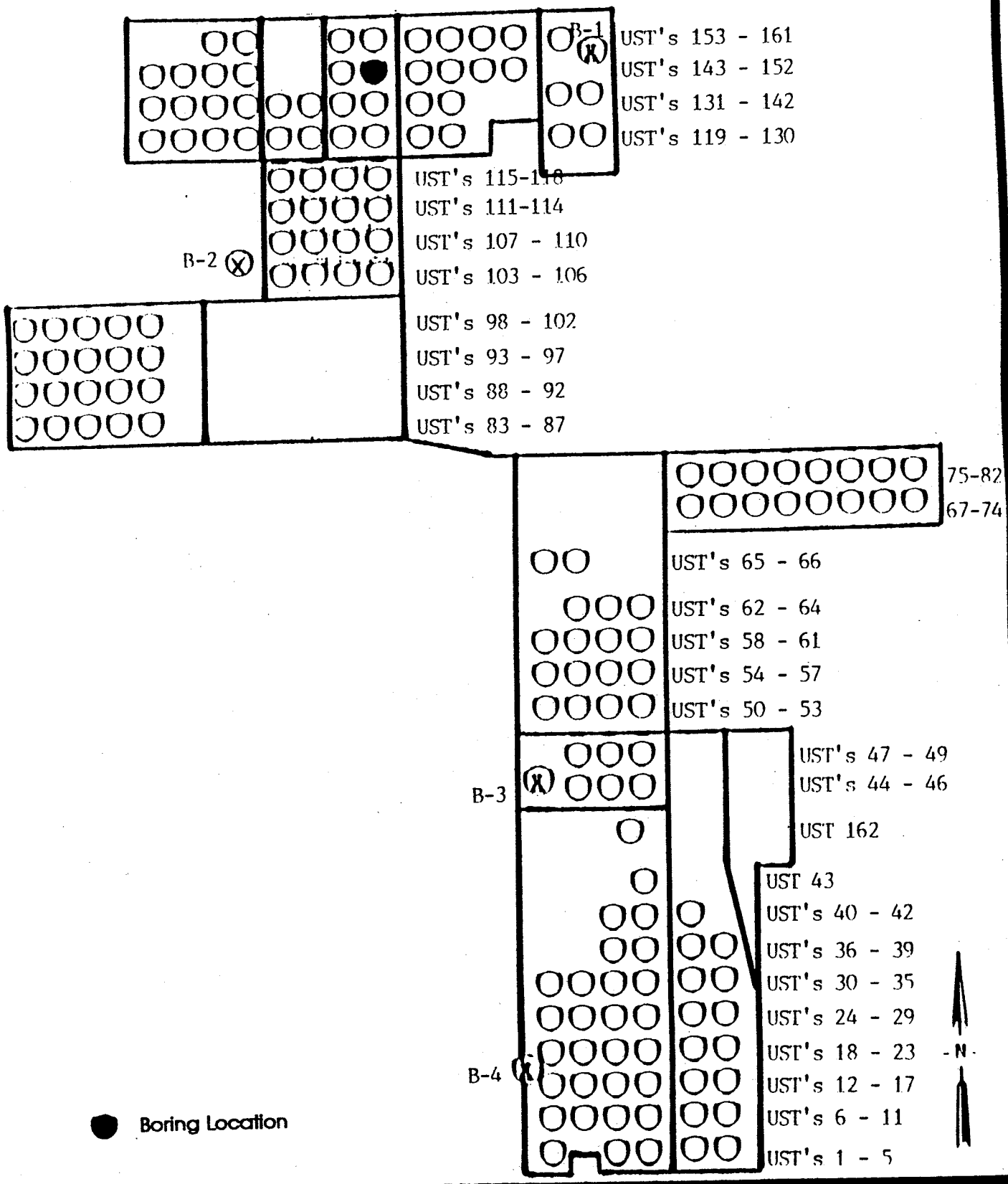
V. RESOLUTION

RWQCB Case Closure? (Yes) No
Additional Action Required: Issue. No Further Action letter

VI. COMMENTS

Soil pollution was detected at 70 Ft below grade. No pollution was ~~dect.~~ detected at 75 Ft or 85 Ft below grade

This Summary is for UST No 148, USTC SUNW 71.0



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

10-4-148

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 13 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 151
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc: As noted above

File Ref: 7T2225136, UST C SUNW 75.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION DATE:_____

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225136
FILE CODE NO: *UST C SUNW 75.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

COPY
Original Signed & Mailed

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg Benzene Toluene Ethyl-benzene Xylene	160 @6' .098 @6' .23 @2' 9.6 @2' .19 @2'	N/A	N/A	N/A

COMMENTS : *Soil samples were taken to a depth of 20 ft and no TPHg or BTEX component were detected deeper than 10 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 75.0 , Tank No. 151.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

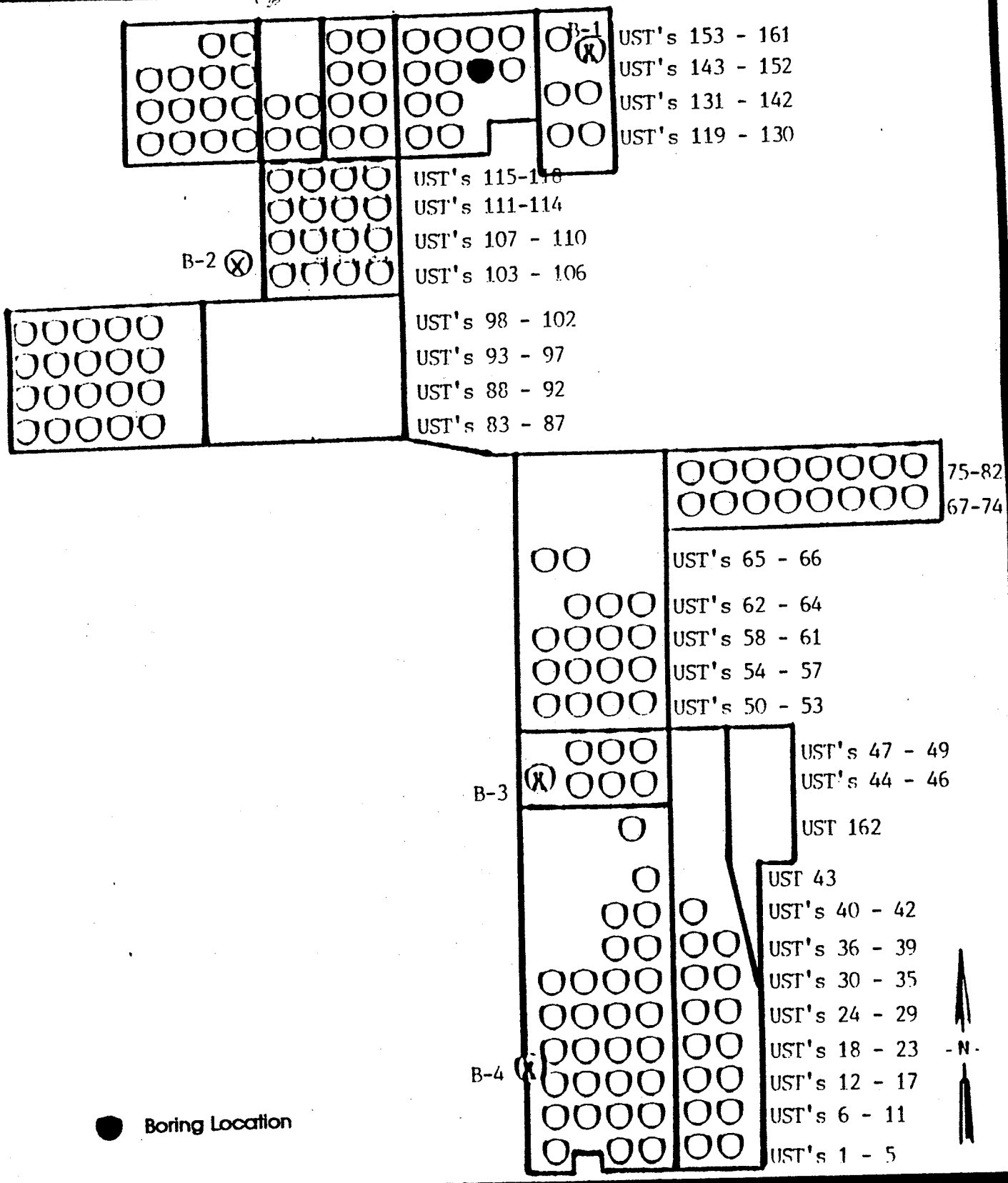
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker:_____
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile:_____

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	*Concentration (mg/kg)*				
	TPHg	*Benzene*	*Toluene*	*Xylenes*	*Ethylbenzene*
At 2 ft	*90*	*.057*	*.23*	*9.6*	*.19*
At 6 ft	*160*	*.098*	*.075*	*8.2*	*97*
At 10 ft	*ND*	*ND*	*ND*	*ND*	*ND*
At 20 ft	*ND*	*ND*	*ND*	*ND*	*ND*



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

25-7-151

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 13 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 159
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc: As noted above

File Ref: 7T2225137, UST C SUNW 76.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION

DATE: Aug 11 96

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225137
FILE CODE NO: *UST C SUNW 76.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg Benzene Toluene Ethyl-benzene Xylene	5210 @30' 31 @2' 130 @2' 740 @2' 89 @2'	N/A	N/A	N/A

COMMENTS : *Soil samples were taken to a depth of 50 ft and no TPHg or BTEX component were detected deeper than 45 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 76.0 , Tank No. 159.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

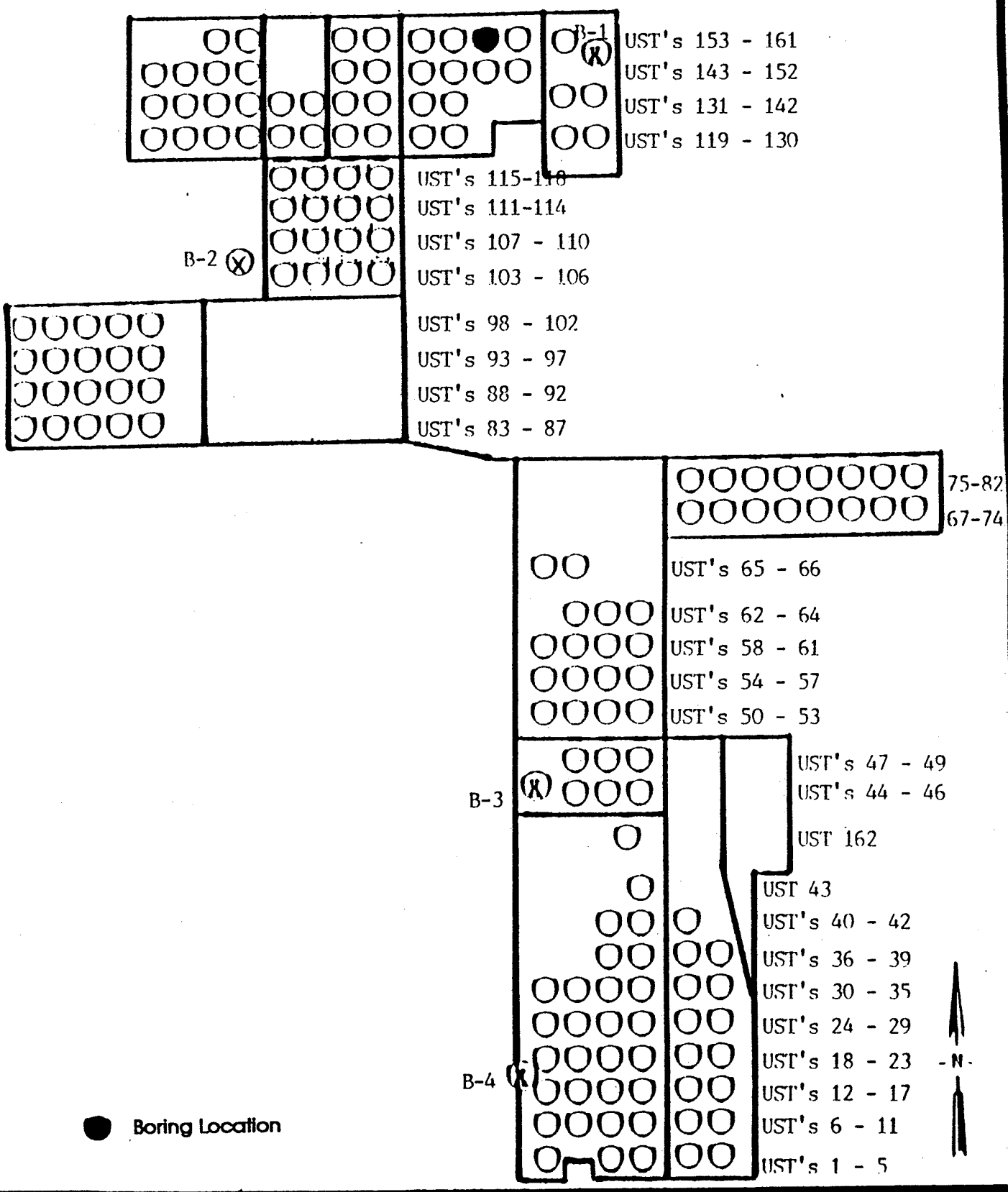
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker: Robert Tucker
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile: Abdi Haile

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 2 ft	3300	31	130	740	89
At 6 ft	400	2.9	2.3	29.4	1.3
At 10 ft	ND	ND	ND	ND	ND
At 15 ft	ND	ND	ND	ND	ND
At 20 ft	430	ND	1.4	14	ND
At 25 ft	1260	ND	5	67	.9
At 30 ft	5210	ND	30	681	16
At 35 ft	3470	ND	7.9	309	6.3
At 40 ft	170	ND	.1	6.1	ND
At 45 ft	ND	ND	ND	ND	ND
At 50 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

25-3-159

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

STATE OF CALIFORNIA - CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY

PETE WILSON, Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN • REGION 7
73-720 FRED WARING DR., SUITE 100
PALM DESERT, CA 92260
Phone (619) 346-7491
FAX (619) 341-6820

AUG 13 1996

Paul W. Knupp
Sun World
P.O. Box 9110
Bakersfield, CA 93309-1698

RE: UNDERGROUND STORAGE TANK (UST) CASE
UST No. 160
15550 West Hobsonway
Blythe, CA 92226

This letter confirms the completion of Regional Board oversight in addressing water pollution control at the above location. Thank you for the cooperation you provided during this investigation. Enclosed is a Case Summary for the referenced site for your records.

Based on the available information, and with the provision that the information provided to this agency was accurate and representative of site conditions, no further water pollution control action related to the underground storage tank release is required.

This notice is pursuant to regulations contained in the California Code of Regulations, Title 23, Division 3, Chapter 16, Section 2721(e).

Please telephone Mr. Robert Tucker at (619)776-8945, if you have any questions regarding this matter.

Phil Gruenberg
Executive Officer

RT/hs

cc: Jonathan Buck, AEC, Bakersfield

Enc: As noted above

File Ref: 7T2225138, UST C SUNW 77.0

CASE SUMMARY

LEAKING UNDERGROUND FUEL STORAGE TANK PROGRAM

I. AGENCY INFORMATION DATE:_____

CALIFORNIA ENVIRONMENTAL PROTECTION AGENCY
REGIONAL WATER QUALITY CONTROL BOARD
COLORADO RIVER BASIN REGION
73-720 FRED WARING DRIVE, SUITE 100, PALM DESERT, CA 92260

II. CASE INFORMATION

SITE FACILITY NAME: *Blythe Lemon Ranch*
SITE FACILITY ADDRESS: *15550 West Hobsonway, Blythe*
RB LUSTIS CASE NO:7T2225138
FILE CODE NO: *UST C SUNW 77.0*
URF FILING DATE: 10/09/91

RESPONSIBLE PARTIES	ADDRESS	PHONE NUMBER
Sun World Inc.	5544 California, suite 240, Bakersfield, CA 93309	(805) 833-6460

TANK NO	SIZE IN GAL	CONTENTS	CLOSED IN-PLACE/REMOVED?	DATE
1	500	*Gasoline*	*Removed*	AUG 1991

III. RELEASE AND SITE CHARACTERIZATION INFORMATION

CAUSE & TYPE OF RELEASE: Tank Leak
SITE CHARACTERIZATION COMPLETE? YES [X] NO []
DATE APPROVED BY OVERSIGHT AGENCY: N/A

MONITORING WELLS INSTALLED? YES [] NO [X] NUMBER:none
PROPER SCREENED INTERVAL? YES [] NO []
HIGHEST GW DEPTH BELOW GROUND SURFACE: *Reported at 90ft below grade*
LOWEST DEPTH: unknown FLOW DIRECTION: South East

MOST SENSITIVE CURRENT GW USE: Municipal
ARE DRINKING WATER WELLS AFFECTED: YES [] NO [X]
AQUIFER NAME: *Colorado Hydrologic Unit*

IS SURFACE WATER AFFECTED: YES [] NO [X]
NEAREST/AFFECTED SW NAME: Colorado River

REPORT(S) ON FILE? YES [X] NO []

COPY
original Signed + Mailed

III. RELEASE AND SITE CHARACTERIZATION INFORMATION (CONTINUED)

TREATMENT & DISPOSAL OF AFFECTED MATERIAL			
MATERIAL	AMOUNT	ACTION Treatment or Disposal w/Destination	DATE
N/A			

MAXIMUM DOCUMENTED CONTAMINANT CONCENTRATIONS--BEFORE & AFTER CLEANUP				
CONTAMINANT	SOIL (ppm)		WATER (ppm)	
	BEFORE	AFTER	BEFORE	AFTER
TPHg Benzene Toluene Ethyl-benzene Xylene	2290 @50' .06 @2' 9.4 @50' 158 @50' 5.4 @50'	N/A	N/A	N/A

COMMENTS : *Soil samples were taken to a depth of 70 ft and no TPHg or BTEX component were detected deeper than 65 ft below grade. Ground water is reported to be at 90ft below grade. This summary is for file UST C SUNW 77.0 , Tank No. 160.*

IV. SUMMARY

ARE EXISTING BENEFICIAL USES OF GROUND AND SURFACE WATERS IMPACTED, PER THE REGIONAL BOARD BASIN PLAN YES [] NO [X]

LIST ENFORCEMENT ACTIONS TAKEN: None

LIST ENFORCEMENT ACTIONS RESCINDED: None

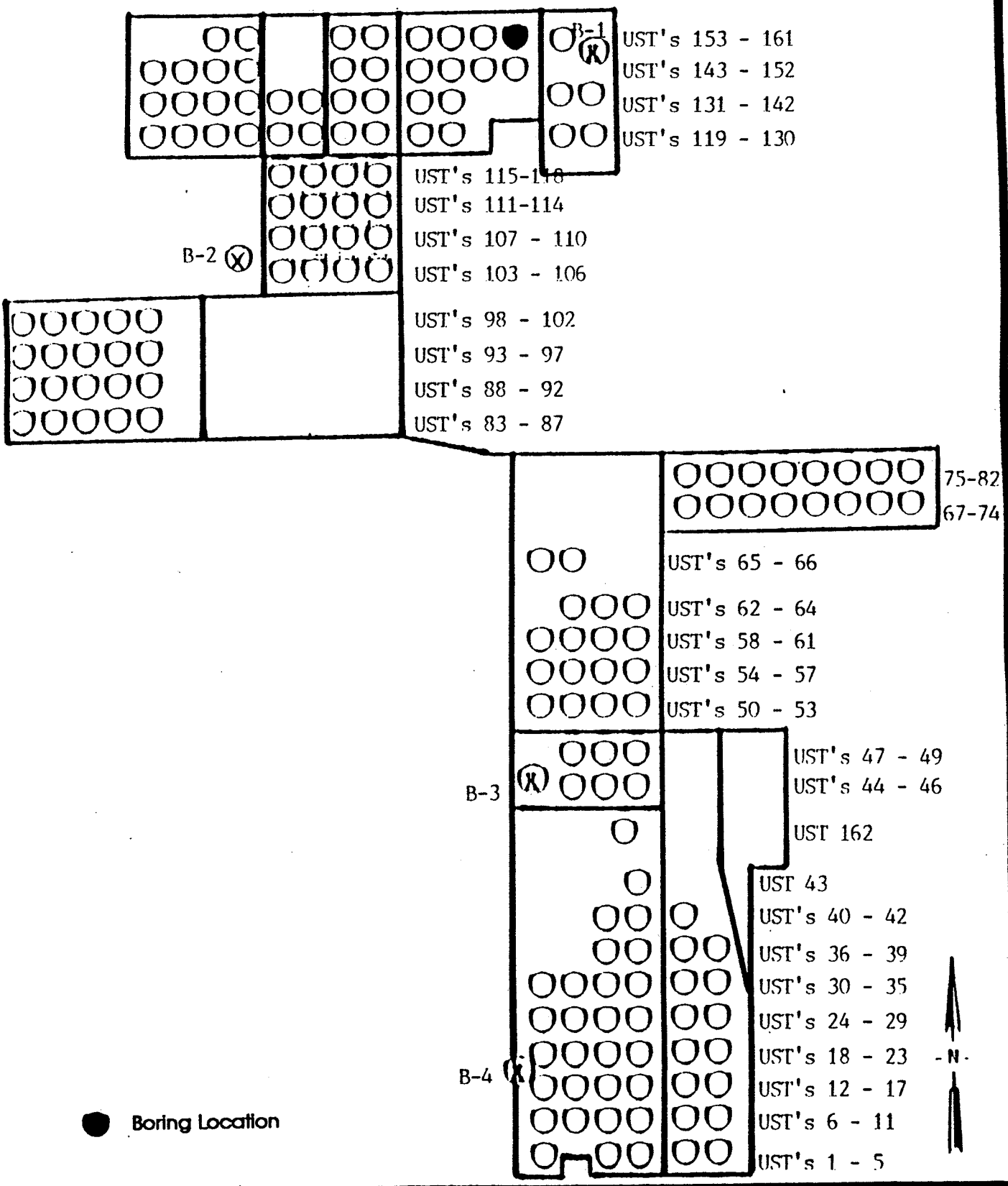
REGIONAL BOARD STAFF RESPONSE: *No Further Action*

RWQCB STAFF NAME: Robert Tucker:_____
TITLE: Water Resource Control Engineer

SUPERVISOR'S SIGNATURE: Abdi Haile:_____

V. ADDITIONAL COMMENTS, DATA, ETC.

Sample Depth	TPHg	Concentration (mg/kg) Benzene	Toluene	Xylenes	Ethylbenzene
At 2 ft	470	.06	.26	8.1	.79
At 6 ft	160	ND	.068	3.15	.22
At 10 ft	ND	ND	ND	ND	ND
At 15 ft	ND	ND	ND	ND	ND
At 20 ft	ND	ND	ND	ND	ND
At 25 ft	330	ND	.19	1.8	.6
At 30 ft	1070	ND	.93	19	2.6
At 35 ft	2050	ND	2.3	60	4.4
At 40 ft	750	ND	.2	16	.3
At 45 ft	1330	ND	8.3	120	7.8
At 50 ft	2290	ND	9.4	158	5.4
At 55 ft	53	ND	ND	ND	ND
At 60 ft	260	ND	.2	8	.4
At 65 ft	ND	ND	ND	ND	ND
At 70 ft	ND	ND	ND	ND	ND



ADVANCED ENVIRONMENTAL CONCEPTS INC
P.O. BOX 40672
BAKERSFIELD, CA 93384

- Site Map -

25-4-160

Sun Desert Lemon Ranch
Windmachine UST Locations
15550 West Hobsonway
County of Riverside • Blythe, California

NOT TO SCALE

FIGURE

2

Appendix F

Subject Property Reconnaissance Photo Log

BMSP Photographic Log – Former Sun World International Properties

Photo 1: Southern Parcel (APN: 879090049) – Undeveloped desert terrain

Photo 2: Southern Parcel (APN: 879090048) – Undeveloped desert terrain

Photo 3: Southern Parcel (APN: 879090040) – Well #18, abandoned and filled to 5 feet below grade, SW corner of lot

Photo 4: Southern Parcel (APN: 879090040) – Another view of Well #18 looking north

BMSP Photographic Log – Former Sun World International Properties

Photo 5: Southern Parcel (APN: 879090038) – An approximate 6-foot by 6-foot concrete foundation was observed in the vicinity of Well #18

Photo 6: Southern Parcel (APN: 879090038) – Close-up view of concrete foundation shown in previous photo

Photo 7: Southern Parcel (APN: 879110013) – An apparent abandoned well and stand pipe were observed in the northeast corner of the lot

Photo 8: Southern Parcel (APN: 879110013) – Close-up view of abandoned well shown in previous photo. This well is open approximately 30 to 40 feet below grade.

Photo 9: Southern Parcel (APN: 879110013) - Concrete riser adjacent to unnamed well.

Photo 10: Southern Parcel - Trash located inside concrete riser.

Photo 11: Southern Parcel – Random trash and debris is scattered throughout the Southern Parcel, like this abandoned automobile shown above.

Photo 12: Northern Parcel (APN 821120026) – Agricultural structure used mainly for storage and vehicle repair. This building no longer appears used for anything other than storage.

Photo 13: View of materials stored inside the building identified in Photo 13. Materials include deadline bullets, follar phosphate, and basic copper sulfate.

Photo 14: Debris, like paint cans and other trash, were observed inside a bathroom of the building identified in Photo 13.

Photo 15: An apparent well is located just southeast of the building identified in Photo 13.

Photo 16: A storage shed with tires is located east of the building identified in Photo 13.

Photo 17: An apparent refrigeration unit is located just north of the building identified in Photo 13.

Photo 18: View of inside the apparent refrigeration unit identified in Photo 18.

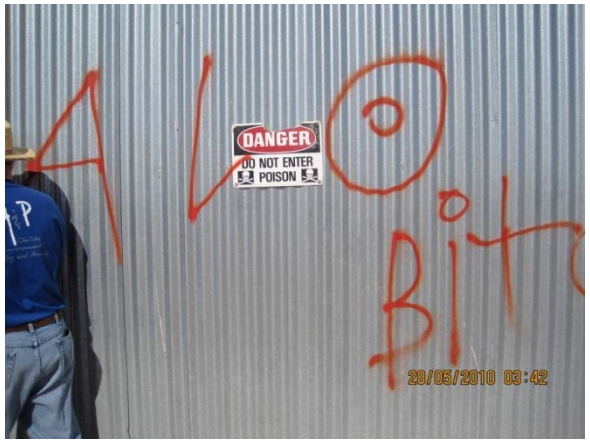


Photo 19: The building identified in Photo 13 has signage on its exterior metal door stating that poisonous materials were or are being stored inside .

Photo 20: An apparent vehicle repair pit and other filled-in feature are located immediately north of the building identified in Photo 13.

Photo 21: A close-up view of the vehicle repair pit identified in Photo 21. This underground feature has been filled in with dirt.

Photo 22: A close-up view of the other filled-in feature identified in Photo 21. Use of this abandoned feature is unknown.

Photo 23: Several wooden crates and other debris (apparent stove and other storage vessels) were observed west of the building identified in Photo 13.

Photo 24: A building used for warehousing and vehicle repair is located in the Northern Parcel (APN 821120026).

Photo 25: Several containers storing fuel products and other materials are located inside the building identified in Photo 25. The containers in this photo are located along the northern wall in the northwest portion of the building.

Photo 26: A close-up view of the containers identified in Photo 26. Diesel fuel is apparently stored in the blue and white 55-gallon drum shown above.

Photo 27: 55-gallon poly drums were located in the northwest portion of the building identified in Photo 25. These drums were empty at the time of the reconnaissance.

Photo 28: Liquid pesticides are stored in poly containers inside the warehouse portion of the building identified in Photo 25. Boxed Nutri-Phite Magnum (a foliar nutrient) is stored adjacent to the liquid pesticides.

Photo 29: Pesticides, tires, and concrete mix are located in the southeast portion of the warehouse.

Photo 30: View of materials stored in the northeast portion of the warehouse (tools, drill press, refrigerator, work table, gas cylinders, batteries, etc.).

Photo 31: View of items stored in the northwest portion of the warehouse (golf cart, drums, gas cans, trash cans, ice machine, etc.).

Photo 32: Close-up view of materials stored in the southeast corner of the warehouse.

Photo 33: View of items stored along the southern wall of the warehouse [pallets of concrete, pesticides, tires, small containers of chemicals, Magnum, multi-K GG (greenhouse-grade potassium nitrate)].

Photo 34: 5-gallon buckets of transmission and hydraulic oil are located in the southern portion of the warehouse.

Photo 35: View of the multi-K GG and propane cylinders located along the southern wall of the warehouse.

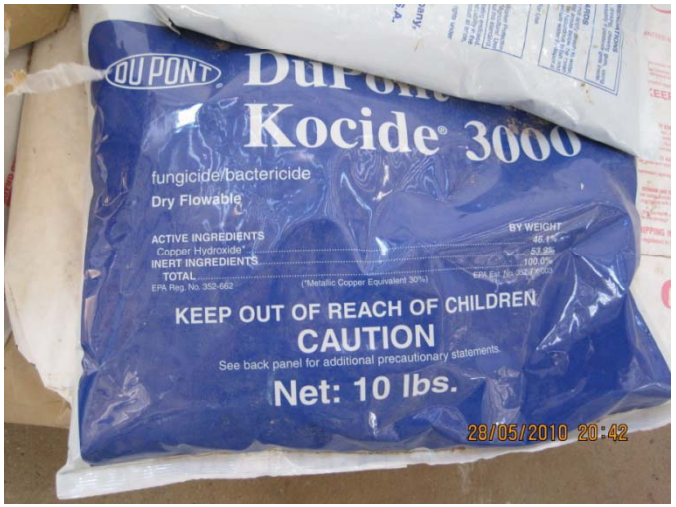


Photo 36: Kocide is a fungicide/bactericide used for crop protection. This product is stored inside the warehouse on a pallet next to the multi-K GG.

Photo 37: A close-up view of the boxed Nutri-Phite Magnum product.

Photo 38: According to signage on a door located in the western portion of the building identified in Photo 25, poison is stored inside the warehouse.

Photo 39: One of four aerial views of the room located behind the door with the poison signage mentioned in Photo 39. Materials noted include piping, trash cans, tiles, a ladder, small container of gear oil, and other debris.

Photo 40: Second aerial view of the room located behind the door with the poison signage mentioned in Photo 39. Oil absorbent and motor oil observed.

Photo 41: Third aerial view of the northern portion of the room showing 55-gallon drums, an ATV, rope, and Big Red concentrated cleaner.

Photo 42: Fourth aerial view of the room. Small containers of chemicals are stored on shelving located along the eastern wall of the room. The gear oil identified in Photo 40 is also in view.

Photo 43: A subterranean auto repair station is located north of the maintenance/storage building identified in Photo 25. Unlike the one shown in Photos 21 and 22, this feature is not backfilled and appears in use. A container of multigear lubricant was observed within the feature.

Photo 44: Small containers of Integrity Calcium and Bravo hydraulic fluid are located next to the subterranean auto repair station.

Photo 45: Close-up view of the Integrity Calcium container.

Photo 46: Close-up view of the Bravo hydraulic fluid container.

Photo 47: Covered concrete pad area located immediately north of the vehicle repair pit. A tractor and other miscellaneous items (shovel, hose, and a tire) were located on this pad at the time of the reconnaissance.

Photo 48: An area stained with likely fuels (based on odor at the time of the reconnaissance) and a small burn area were observed north of the covered concrete pad identified in Photo 48.

Photo 49: A groundwater well was observed north of the maintenance/storage building identified in Photo 25. This well appears to service the adjoining building, and per site representatives, is not for potable use.

Photo 50: Stockpiled soil was observed north of the maintenance/storage building.

Photo 51: Wooden crates, empty 55-gallon drums and other debris were observed farther north of the maintenance/storage building .

Photo 52: One of the empty 55-gallon drums located north of the maintenance/storage building was labeled as storing specialized lubricant.

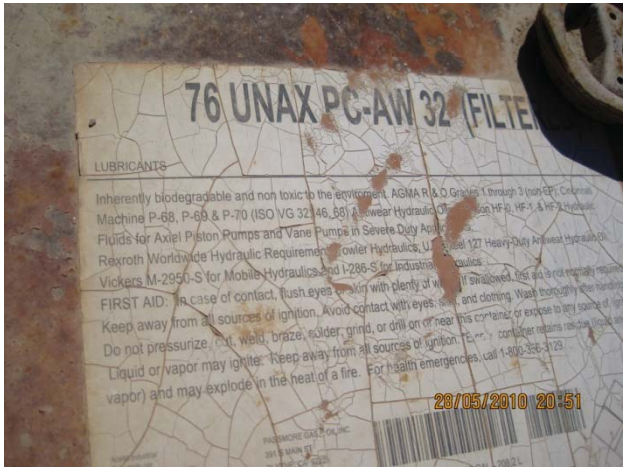


Photo 53: Another empty 55-gallon drums in this area was labeled as storing hydraulic lubricant.

BMSP Photographic Log – Former Sun World International Properties

Photo 54: Plastic sheeting or a bag was observed buried in the surface cover west of the AST area. This material appeared to be covered with oily residue.

Photo 55: Nine ASTs are situated north of the maintenance/storage building located on APN 821120026. 55-gallon drums were also observed in this area.

Photo 56: One of the 55-gallon drums located near the AST storage area was labeled with a Hazardous Waste label. The content of the drum was not identified.

Photo 57: The AST located to the far west of the AST storage area is the sole operating tank storing gasoline fuel.

Photo 58: A frontage view of three of the empty ASTs located in the fuel storage area. The middle AST has a "hydraulic tractor fluid" label on its exterior. The AST located to the right in the photo apparently stored engine oil (Guardol QTL).

Photo 60: Small 5-gallon buckets are located behind the used oil AST.

Photo 59: A used oil AST is located behind the ASTs containing the hydraulic and engine oils identified in Photo 60.

Photo 61: Larger ASTs are located in the eastern portion of the tank storage area. The larger-capacity tanks are empty, but once stored gasoline fuel according to the day-to-day farm manager. No secondary containment here.

Photo 62: A drain was observed northwest of the maintenance/storage building. According to the day-to-day farm manager, equipment would be washed off at this location. Waste water generated from cleaning activities at this drain would collect in the septic system.

Photo 63: Another drain connected to the septic system is located west of the maintenance/storage building. The farm's portable restrooms are washed off and emptied at this location.

Photo 64: An area of disturbed soil with a concrete access port is located southwest of the drain shown in Photo 65. This is the likely location of the septic system.

Photo 65: An unknown feature was noted south of the maintenance/storage building. Metal piping was observed at the top of this feature.

Photo 66: A concrete pad is located south of a trailer that adjoins the maintenance/storage building to the south.

Photo 67: Another view of the concrete pad identified in Photo 68.

Photo 68: Remnant concrete footings were observed in the storage yard located east of the maintenance/storage.

Photo 69: View of the open area located east of the maintenance/storage building. This area is used to storage farm equipment, empty drums/containers, well parts, and debris.

Photo 70: A bucket of oily liquid was observed in the storage yard east of the maintenance/storage building.

Photo 71: Empty 55-gallon drums, piping, signs, and other miscellaneous items were observed along the southern fence of the storage yard.

Photo 72: According to labeling, engine oil was once stored in some of the empty drums observed in the storage yard east of the maintenance/storage building.

Photo 73: View of the open-area portion of the storage yard.

Photo 74: Roofing tile, manhole covers, and other miscellaneous items are stored in the storage yard located east of the maintenance/storage building.

Photo 75: Propane ASTs are located in an open area east of the storage yard.

Photo 76: View of the storage yard looking northwest.

Photo 77: A pile of sand, likely used for cement mixtures, is located in the storage yard located east of the maintenance/storage building.

BMSP Photographic Log – Former Sun World International Properties

Photo 78: Water well and pumping equipment and materials are stored in the storage yard located east of the maintenance/storage.

Photo 79: Two Riverside County Business Licenses for the Subject Property. Sun World International is the listed owner. The type of business for the Subject Property is fruit and vegetable growing. Expiration date of October 2008.

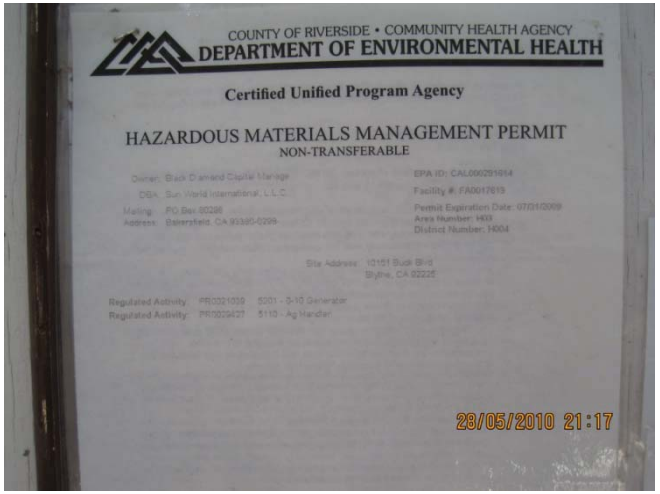


Photo 80: Copy of the Hazardous Materials Management Permit located inside the maintenance/storage building (APN 821120026). Regulated activities for the Subject Property under this permit include waste generation and agricultural handler. The permit expired July 31,2009.

BMSP Photographic Log – Former Sun World International Properties

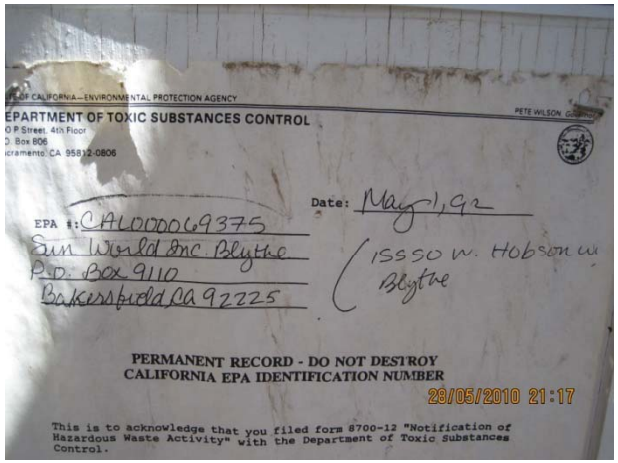


Photo 81: Department of Toxic Substances Control (DTSC) documentation issuing California EPA Identification Number CAL000069375 to the Subject Property address.

Photo 82: Small containers of chemical products (enamel, paint striper, oil, charcoal lighter, etc.) are stored inside the maintenance/storage building located on APN 821120026.

Photo 83: A storage room is located in the western portion of the maintenance/storage building located on APN 821120026. Small containers various chemical products are stored here, as shown in Photo 83.

Photo 84: Oil sorbent, oil, cleaner, and other miscellaneous items are stored inside this western-most storage area inside the maintenance/storage building located on APN 821120026.

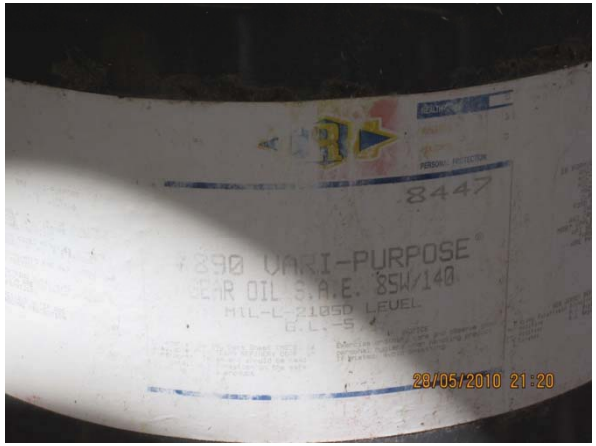


Photo 85: A drum of gear oil (less than 55-gallon capacity) is stored inside the western portion of the maintenance/storage building located on APN 821120026.

Photo 86: Asphalt/tar-like ground cover located on APN 821120025. This ground cover is remnant of former military occupation.

Photo 87: Building debris remnant of former military operations on APN 821120025.

Photo 88: View of an apparent former sewer access point remnant of former military occupancy on APN 821120025.

BMSP Photographic Log – Former Sun World International Properties

Photo 89: Building material debris of former military structures located on APN 821120025.

Photo 90: Building foundations of former military structures located on APN 821120025.

Photo 91: Portion of an apparent sewer pipe remnant of former military operations on APN 821120025.

Photo 92: Remnant feature of former military operations located on APN 821120025. This feature is oval in shape and has an apparent asphalt border.

Photo 93: View of a section of the asphalt border surrounding the oval feature discussed in Photo 93.

Photo 94: Another view of a portion of the asphalt border creating the oval feature discussed in Photos 93 and 94.

Photo 95: Piles of apparent roofing material were observed on APN 82110025.

Photo 96: View of another apparent sewer access port observed on APN 82110025.

Photo 97: View inside the sewer feature identified in Photo 97.

Photo 98: View of an apparent fire suppressant feature associated with former military operations on APN 82110025. A few of these features were seen in the former military installments throughout the Northern Parcel.

Photo 99: Piles of debris associated with former military operations on APN 82110025.

Photo 100: Unknown feature located on APN 82110025. This feature appears to have been used to incinerate materials as part of former military operations.

BMSP Photographic Log – Former Sun World International Properties

Photo 101: View of the western end of the unknown feature shown on Photo 101. An apparent grate is observed in this photo.

Photo 102: An apparent abandoned sewer pipeline, likely used during former military occupancy, was observed on APN 821110004.

Photo 103: Building foundations and associated building material debris associated with former military operations located on APN 821110004.

Photo 104: An apparent burn/fill area was observed on APN 821110004.

Photo 105: Area of former military operations on APN 821110004. An apparent cistern is viewed in the distance.

Photo 106: View of inside the apparent cistern shown on Photo 106.

Photo 107: Debris piles of building materials were observed on APN 821110004. This debris is likely remnant of former military operations.

Photo 108: Debris piles of burnt material were observed in the burn/fill area located on APN 821110004. Some of the material was metal in composition.

BMSP Photographic Log - Former Cocopah Nurseries Property

Photograph 1 – Dirt entrance to Subject Property that separates APN 863060018.

Photograph 2 - The Subject Property lies atop the Palo Verde Mesa.

Photograph 3 – Farmland mainly adjoins the Subject Property to the east.

Photograph 4 – Undeveloped desert terrain adjoins the Subject Property along its northeast. boundary.

Photograph 5 – View of the reservoir located in the northern end of APN 863060017.

Photograph 6 – View of the farmed lands of the Subject Property.

Photograph 7 – Bee hives for honey production are located in specialized containers throughout the orchards of the Subject Property.

Photograph 8 – Minor burning of organic debris is evident in the farmed areas of the Subject Property.

BMSP Photographic Log - Former Cocopah Nurseries Property

Photograph 9 – Reservoir located on APN 863060015.

Photograph 10 – Pump equipment associated with the reservoir located on APN 863060015. This equipment setup is typical of all reservoirs viewed on the Subject Property.

Photo graph 11 – Several empty barrels of unknown use were observed alongside the reservoir situated at APN 863060015.

Photograph12 – A residence is situated next to the reservoir located on APN 863060015.

Photograph 13 – Several containers and poor housekeeping practices were observed near the residence located on APN 863060015.

BMSP Photographic Log - Former Cocopah Nurseries Property

Photographs 14 and 15 – View of APN 824130007 (vacant, desert terrain). Interstate 10 is seen just north of this parcel.

Photographs 16– Portable vessels carrying herbicides are located along the roadways of the farm.

Photographs 17– Chemical spraying of the farmland was observed during the reconnaissance.

BMSP Photographic Log - Former Cocopah Nurseries Property

Photographs 18 and 19 – Other chemicals, such as Tracite (fertilizer containing 5% iron), foliar phosphite, zinc sulfate, Dyne-Amic (spray adjuvant) are stationed near the reservoirs.

Photo graph 20 – Reservoir located in southwestern portion of Subject Property,

Photograph 21 – *A small shed , stacked hay, portable restrooms, and containers of unknown use are located on APN 863100016, the northern part of the 16400 Keim Boulevard area.*

Photograph 22 – Minor stockpiles of dirt are located on APN 863100016 near the apparent residential structure located to the northwest of the parcel.

Photographer: N.Stroud (K/J) Photos taken on 04/09/11

BMSP Photographic Log - Former Cocopah Nurseries Property

Photo graph 23 – An occupied residence is located in the southern half of APN 863100016.

Photograph 24 – A domestic well is located on APN 863100016 near the occupied residence. A holding tank associated with the water well is also present.

Photo graph 23 – Drummed racing fuel and hydraulic oil in a bucket were observed near an occupied unenclosed shed associated with the residence on APN 863100016.

BMSP Photographic Log - Former Cocopah Nurseries Property

Photo graph 24 – Several drums, stored on pallets, were observed in the storage yard located on APN 863100017.

Photograph 25 - 76 UNAX AW-46 Hydraulic Fluid is stored in the farm storage yard in 55-gallon drums.

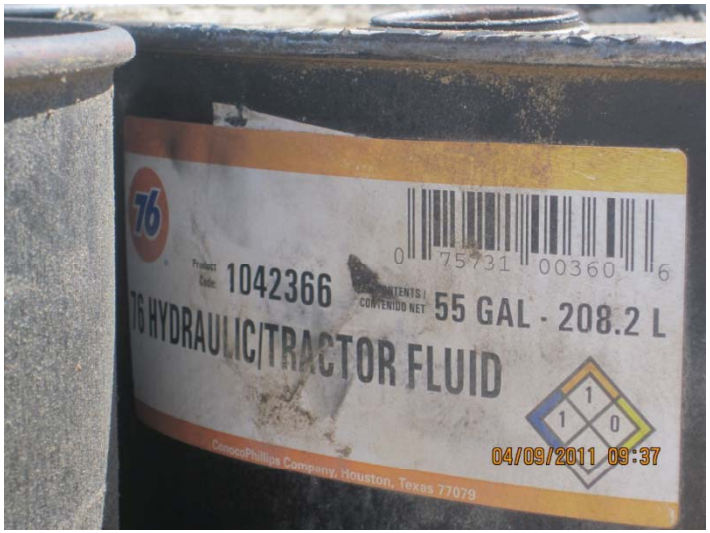


Photo graph 26 – Hydraulic/tractor fluid is stored in the farm storage yard in 55-gallon drums.

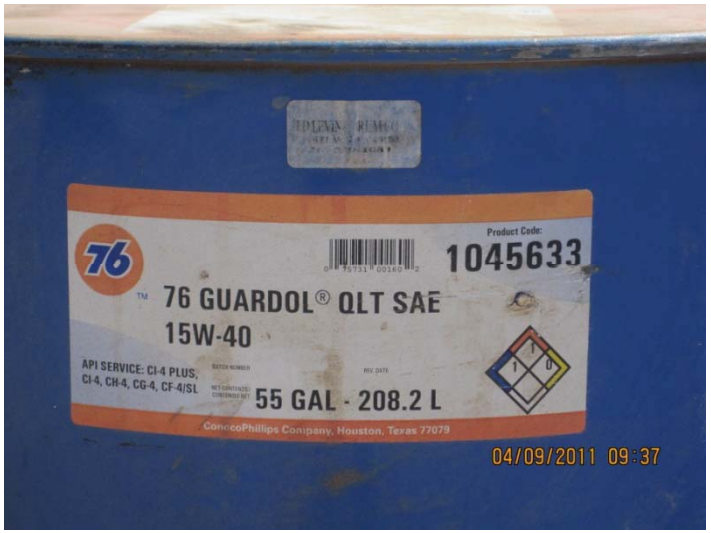


Photo graph 27 - 76 Guardol QLT motor oil is stored in the farm storage yard in 55-gallon drums.

Photograph 28 – Food machinery oil is stored in the farm storage yard in 55-gallon drums.

Photograph 29 – Southward view of farm storage yard located on APN 863100017.

Photographer: N.Stroud (K/J) *Photos taken on 04/09/11*

Photograph 32 – Tractors, tires, other farm vehicles (i.e. quads and motorized carts), irrigation and other piping material, apparent inoperable cars and trucks, and various other items were observed in the farm storage yard.

BMSP Photographic Log - Former Cocopah Nurseries Property

Photo graph 33 – A trailer is located on APN 863100017, just north of the shop, and houses many of the chemical used on the farm.

Photograph 34 – Bags of potassium nitrate crystalline (Krista *K*/*Ultrasol*™ *K* Plus) were observed on pallets just outside the trailer shown in photograph 33.

Photograph 35 – A poly tank storing unknown liquid was observed just outside the trailer noted in photograph 33.

BMSP Photographic Log - Former Cocopah Nurseries Property

Photographs 36, 37, and 38 – Several chemical containers were observed inside the storage trailer previously noted in photograph 33. Chemicals stored include, herbicides, PhosCal-Zin FL. (foliar nutritional liquid), Baythroid 2, (insecticide), liquid seaweed extract, corrosive liquids, and other various chemicals associated with daily farm operations.

BMSP Photographic Log - Former Cocopah Nurseries Property

Photograph 39 and 40 – Bags of dry chemicals (i.e. zinc sulfate and magnesium nitrate) used for farming are stored on pallets just northeast of the shop building located on APN 863100017.

Photographs 41 and 42 – A wash area is located just east of the shop building . Water from washing activities is captured in the drain shown in the photograph.

Photograph 43 - An active, three-stage clarifier is located to the east of the shop area. According to Greg and Duane Young, this clarifier is used to capture wash water from the cleaning of farm equipment and vehicles. Waste water generated from washing activities (after passage through the clarifier) is used for dust control at the farm. The oil obtained from the clarifier is collected and ultimately shipped out for disposal.

Photograph 44 – Several 55-gallon drums were observed near the three-stage clarifier. Contents of these drums included lubricating oil, gas engine oil, hydraulic oil ,and waste oil.

Photograph 45 – Aboveground storage tanks of fuel were observed in an open area south of the shop. These tanks did have secondary containment.

Photograph 46 – Farm vehicle repair and maintenance takes place in an unenclosed, covered area situated just south of the shop. Several open containers of oil, hydraulic fluid, and other chemicals were observed in this area. Stained ground cover due to chemical spills in this area was observed.

BMSP Photographic Log - Former Cocopah Nurseries Property

Photographs 47 and 48 – Miscellaneous materials, such as piping and metal parts/debris are stored in the far southeast portion of the Subject Property (APN 863100017)

Photograph 49 – Close-up view of the fuel tanks located south of the shop building.

Photograph 50 – Apparent staining onto the dirt surface from release of fuels from the overlying ASTs. Odors present. Surface staining was prevalent in the area surrounding the ASTs.

Photograph 51 – A red AST, likely for fuel storage, was observed inside the secondary containment area. Significant staining was observed on the top and sides of the tank. Several small chemical containers were observed inside this containment area too. Oily liquids were observed on the container tops of some of these these small containers.

Photograph 52 – An active water spout was observed next to the AST storage area noted in photograph 51 above.

BMSP Photographic Log - Former Cocopah Nurseries Property

Photograph 53 – Staining was observed in the concrete pavement just south of the shop building.

Photograph 54 – A temporary, metal shed was observed west of the shop building. It is used for small chemical container and parts (fittings, nuts, bolts, etc.) storage.

Photographs 55 and 56 – Chemicals stored inside the shed include oil, gasoline, PVC glue, paints, roofing cement, wood finish, joint lubricant, windshield washer fluid, plastic pipe primer, and etc.

BMSP Photographic Log - Former Cocopah Nurseries Property

Photograph 57 – View inside the shop building (kitchen area).

Photograph 58 – Other materials and items viewed inside the shop building.

Photograph 59 – Staining observed on the concrete pavement just outside (to the south) of the shop building.

Photograph 60 – Poor housekeeping practices observed in the work area just south of the shop building. Several chemical containers (55-gallon drums and smaller) were observed in this area.

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APPENDIX U:

2013 PROTOCOL BURROWING OWL SURVEY RESULTS

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August 2013

PALO VERDE MESA SOLAR PROJECT

Western Burrowing Owl Survey Report

PROJECT NUMBER:
124278

PROJECT CONTACT:
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POWER ENGINEERS

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Western Burrowing Owl Survey Report

PREPARED FOR: RENEWABLE RESOURCES GROUP
LOS ANGELES, CA

PREPARED BY: RYAN WINKLEMAN

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ACRONYMS AND ABBREVIATIONS

BIOS	Biogeographic Information and Observation System
BLM	Bureau of Land Management
BMSP	Blythe Mesa Solar Project
°C	degrees Celsius
CAISO	California Independent System Operator
CDFW	California Department of Fish and Wildlife (formerly CDFG)
CFDG	California Department of Fish and Game
CNDDB	California Natural Diversity Database
°F	degrees Fahrenheit
I-10	Interstate 10
km/hr	kilometers per hour
kV	kilovolt
mph	miles per hour
POWER	POWER Engineers, Inc.
Project	Palo Verde Mesa Solar Project or PVMSP
PV	photovoltaic
PVMSP	Palo Verde Mesa Solar Project or Project
RRG	Renewable Resources Group, LLC
USFWS	U.S. Fish and Wildlife Service
USGS	U.S. Geological Survey

INTRODUCTION

POWER Engineers, Inc. (POWER) conducted a western burrowing owl (*Athene cunicularia hypugaea*) protocol-level survey for the Renewable Resources Group, LLC (RRG) as part of the proposed Palo Verde Mesa Solar Project (PVMSP or Project). The Project area includes the proposed solar facility site, which is located within Riverside County, California near the community of Blythe on approximately 3,250 acres in the Palo Verde Mesa, and a 230 kilovolt (kV) gen-tie transmission line connecting the PVMSP to the adjacent Blythe Mesa Solar Project (BMSP) encompassing an additional 143 acres (Figure 1). The primary purpose of the surveys was to determine the presence or absence of burrowing owls within the defined study area. The "study area" for the purposes of this document includes the solar facility site and a 200-foot survey buffer (Figure 2). The gen-tie line was not surveyed in 2013, except where it is contained within the boundaries of the solar facility site; the gen-tie line outside of these boundaries was previously surveyed in 2011 (Figure 3). All references to the area that was surveyed in 2013 will use the term "study area."

Project Overview

The Project is proposed to be constructed on approximately 3,393 acres located in the Palo Verde Mesa region of Riverside County—3,250 acres for the solar facility site and 143 acres for the 230 kV gen-tie line. The power produced by the Project would be conveyed to the local power grid via interconnection to the Southern California Edison Colorado River Substation, an approved new substation located south of Interstate 10 (I-10) and approximately seven miles west of the Project area. The Project has secured a California Independent System Operator (CAISO) interconnection queue position sufficient for the size of the Project. The Project would produce enough energy to power approximately 180,000 households and progress the goals of the California Renewable Portfolio Standard and other similar renewable programs in the state.

The Applicant's objectives for the proposed Project are to:

- Construct a solar energy facility to assist in meeting state and federal renewable energy standards and goals.
- Assist with greenhouse gas reduction objectives.
- Situate the Project facilities as near as possible to electrical transmission facilities with anticipated capacity and a reserved CAISO interconnection position.
- Site the Project in an area with excellent solar energy resources in order to maximize productivity from the photovoltaic (PV) panels.
- To the extent feasible, site the Project on disturbed land with compatible topography and in a manner that minimizes environmental impacts.
- Use a proven and available solar PV technology.

Regional Setting

The PVMSP is located in the Palo Verde Mesa area of eastern Riverside County, approximately five miles northwest of central Blythe and 40 miles east of Desert Center. More specifically, the proposed Project's solar facility site would be located north of I-10, west of Neighbors Boulevard, and north of the Blythe Airport. The 230 kV gen-tie line would be located north and south of the I-10 freeway. Figure 1 illustrates the location of the proposed Project. The 230 kV gen-tie line would traverse mainly County of Riverside jurisdiction, as well as the City of Blythe jurisdiction and BLM-managed lands.

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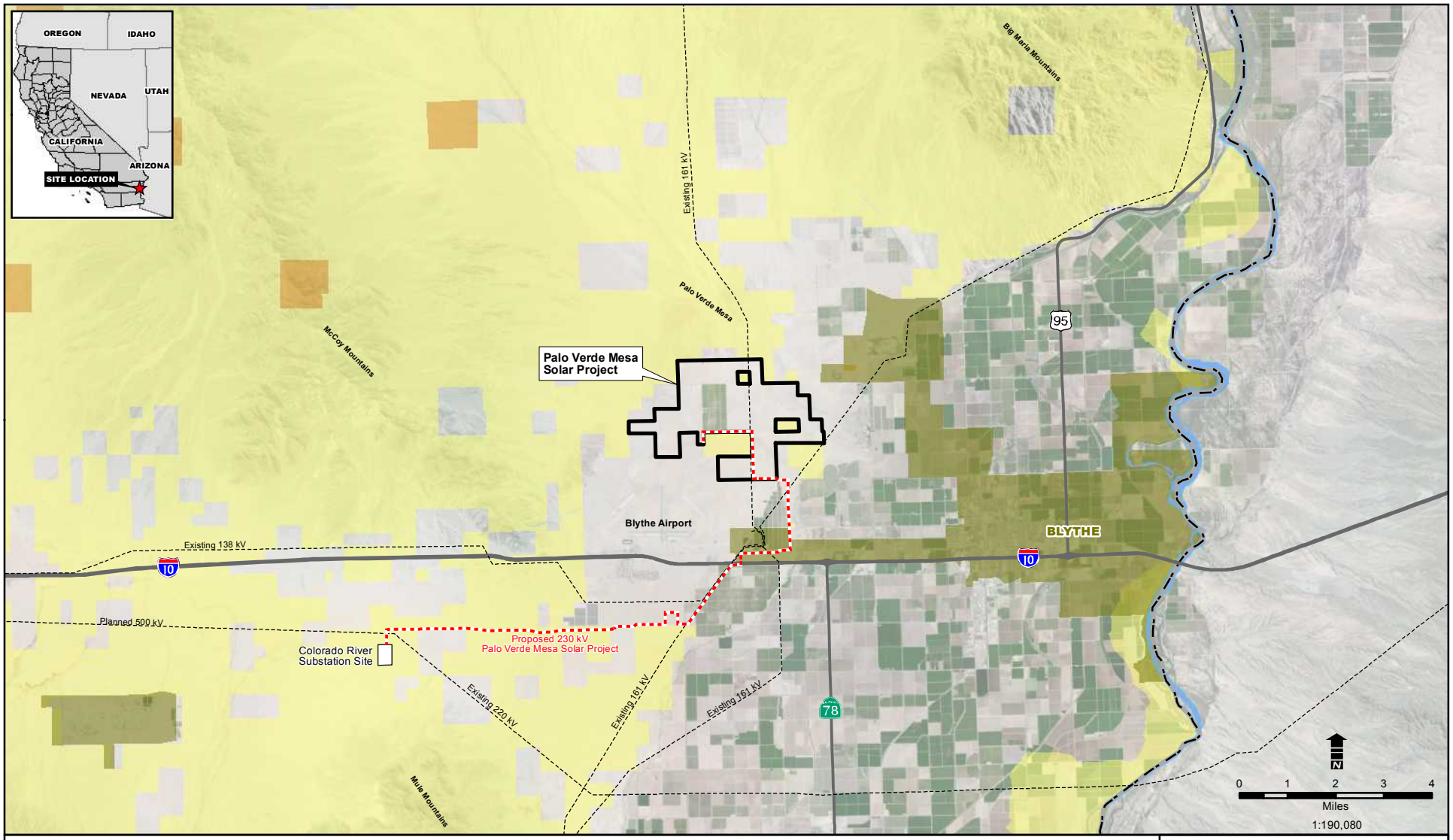

Legend

- Proposed 230 kV Transmission Line
- Solar Facility Site
- Existing 138-161 kV Line
- Highway
- State Boundary
- Colorado River
- City of Blythe
- California State Land
- Bureau of Land Management

FIGURE 1
REGIONAL LOCATION

PALO VERDE MESA SOLAR PROJECT
WESTERN BURROWING OWL SURVEY

POWER ENGINEERS
RENEWABLERESOURCESGROUP

Source: ArcGIS Online, Bing Aerials, 2010.

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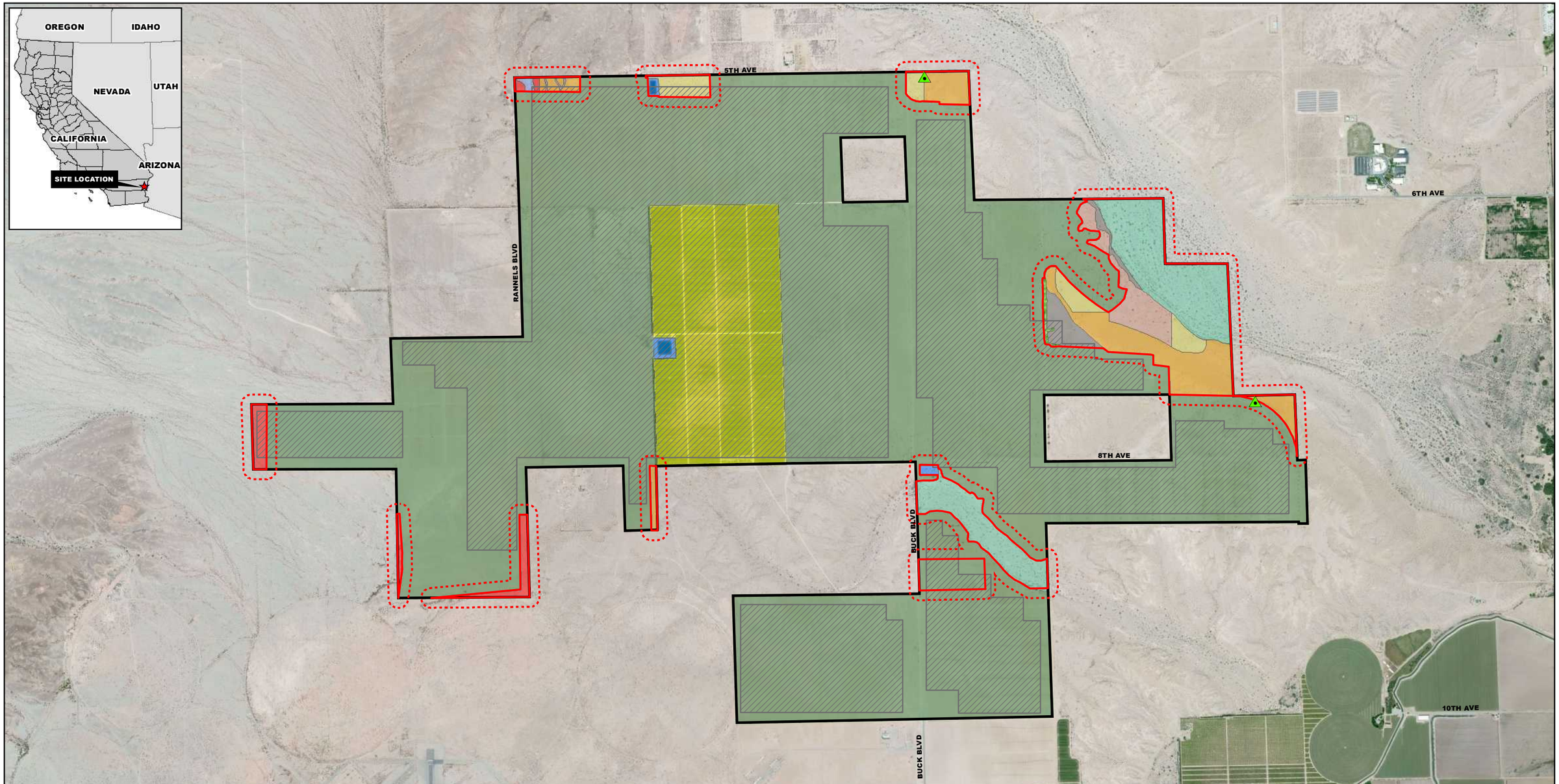

Legend

- Burrowing Owl Sign
- Study Area
- Study Area 200-foot Buffer
- Palo Verde Mesa Solar Facility
- Solar Array Footprint

Habitat Types

- Citrus Orchard
- Creosote Bush Scrub
- Creosote Bush Scrub-desert Pavement
- Creosote Bush-big Galleta Scrub
- Desert Dry Wash Woodland
- Disturbed
- Disturbed Creosote Bush Scrub
- Disturbed Desert Dry Wash Woodland
- Fallow Agriculture Land
- Irrigation Basin
- Tamarisk Wind-row

N

0 1,000 2,000
Feet
1:24,000

FIGURE 2
FOCUSED 2013 BURROWING OWL STUDY AREA AND LOCATIONS OF OBSERVED BURROWING OWL SIGN

PALO VERDE MESA SOLAR PROJECT
WESTERN BURROWING OWL SURVEY

POWER ENGINEERS RENEWABLERESOURCESGROUP

Source: ArcGIS Online, Bing Aerials, 2010.

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Existing Conditions

Agricultural fields comprise approximately 90% of the solar facility site. The agricultural land use within the site includes drip-irrigated citrus orchards and fallow agricultural fields. These fallow fields are increasingly being used by ground squirrels and other small, non-listed mammals. The other 10% of the Project area consists of creosote bush scrub, desert dry wash woodland, disturbed areas, a tamarisk wind-row, and irrigation basins. The gen-tie line corridor consists of disturbed creosote bush scrub. Representative photographs of the survey areas are provided in Appendix A.

TABLE 1 VEGETATION COMMUNITIES AND COVER TYPES WITHIN THE PROJECT AREA

Vegetation Communities and Land Cover Types	Total Acreage*	Percentage of Total Acreage
Citrus Orchard	313.9	9.1%
Creosote Bush-Big Galleta Scrub	2.1	0.1%
Creosote Bush Scrub	86.5	2.5%
Creosote Bush Scrub-Desert Pavement	23.1	0.7%
Desert Dry Wash Woodland	131.0	3.8%
Disturbed	18.4	0.5%
Disturbed Creosote Bush Scrub (Solar Facility Site)	31.5	0.9%
Disturbed Creosote Bush Scrub (Gen-tie Line)	143.0	4.1%
Disturbed Desert Dry Wash Woodland	29.1	0.8%
Irrigation Basin	8.0	0.2%
Tamarisk Wind-Row	2.2	0.1%
Fallow Agriculture Land	2,665.3	77.2%
TOTAL	**3,454.1**	**100.0%**

*The solar facility acreage is based on geographic information system (GIS) acreage data; the County of Riverside's parcel size acreage for the same area is 3,250 acres.

The PVMSP is also situated among energy generating facilities (i.e., solar and natural gas-fired), active transmission lines, and electrical substations. Given the extent of the existing human-influenced environment (e.g., active agricultural operations [harvesting, discing, and planting], energy generation, distribution and maintenance facilities, and ongoing aviation-related activities) within the Project area, any wildlife currently using these lands are assumed to be acclimated to the disturbance regime present.

SPECIES DESCRIPTION

Western burrowing owl is designated as a Priority 2 Bird Species of Special Concern by the California Department of Fish and Wildlife (CDFW) due to rapid habitat loss and degradation from urbanization. It is also designated as a Bureau of Land Management (BLM) Sensitive species and a U.S. Fish and Wildlife Service (USFWS) Bird of Conservation Concern. Its range extends through all states west of the Mississippi Valley and into Canada, Mexico, Central America, and South America, with additional disjunct populations in Florida and the Caribbean (Klute et al. 2003).

In California, it typically inhabits lowlands, including those in the Central Valley, northeastern plateau, southeastern deserts, and coastal areas. For shelters, the burrowing owl prefers rodent burrows over those of larger mammals (Klute et al. 2003), and can be found in sparse grassland, desert, and agricultural habitats, as well as open areas of pinyon-juniper or ponderosa pine habitats (CDFW [as CDFG] 2008). It will nest in rock or lava cavities if mammal burrows are scarce (Klute et al. 2003). Breeding populations generally display greater site fidelity than winter populations, which

tend to move about more, even taking refuge in vegetation instead of nearby burrows (Poulin et al. 2011). Individuals in California, particularly Southern California, are mostly residents (CDFW [as CDFG] 2008). Nesting begins from late March to August, peaking in April and May (CDFW [as CDFG] 2008). While some pairs have been observed to have double broods within a single breeding season, it is considered to be uncommon and is not always successful (Poulin et al. 2011). Burrowing owls are typically active at dusk and dawn, but can sometimes be active at night, as well.

SURVEY METHODOLOGY

Collection of burrowing owl baseline data in the study area included a review of several sources, including records listed in the California Natural Diversity Database (CNDDB) (CDFW 2013a), the CDFW Biogeographic Information and Observation System (BIOS) (CDFW 2013b), and the avian records database eBird (2013), as well as survey reports for nearby projects, primarily the Blythe Solar Power Project (AECOM 2010), the McCoy Solar Energy Project (Tetra Tech 2011), and the proposed BMSP, for which POWER conducted burrowing owl protocol surveys in 2011 (POWER 2012a). Both the Blythe Solar Power Project and the McCoy Solar Energy Project are located very close to the west and northwest of the PVMSP, with some overlap into the PVMSP for a transmission line corridor. The BMSP is located immediately adjacent to and south of the PVMSP.

POWER conducted a general habitat assessment of the PVMSP in October 2011, and provided the results to the County of Riverside, CDFW, and BLM. Based on the results of the habitat assessment, the County requested that a protocol burrowing owl survey be conducted in potential burrowing owl habitat within the solar facility site. There is a small portion of the PVMSP transmission line corridor that overlaps with areas that were previously surveyed in 2011 for burrowing owl protocol surveys in support of the BMSP (Figure 3). Areas previously surveyed in 2011 were not resurveyed as part of the 2013 protocol survey effort. The results of both the 2011 protocol survey and the 2013 protocol survey will be used to develop a Burrowing Owl Mitigation and Monitoring Plan for the PVMSP.

A nine-quad search of the CNDDB (CDFW 2013a) including U.S. Geological Survey (USGS) quadrangles Inca, Big Maria Mountains SW, Big Maria Mountains SE, McCoy Peak, McCoy Wash, Blythe NE, Roosevelt Mine, Ripley, and Blythe identified 88 occurrences of burrowing owls in the Blythe area. In addition to the CNDDB records search, recent surveys and reports for similar projects near the Project area were also reviewed, as noted above under Survey Methodology. Burrowing owls were identified during surveys conducted for the Blythe Solar Power Project (AECOM 2010), the McCoy Solar Energy Project (Tetra Tech 2011), and the proposed BMSP (POWER 2012a).

Survey methods were derived from the CDFW's 2012 Staff Report on Burrowing Owl Mitigation (CDFW 2012), which updated the previous 1995 CDFW Staff Report on Burrowing Owl Mitigation (CDFW [as CDFG] 1995). In summary, a methodical pedestrian survey for owl burrows was conducted by walking transects spaced no more than 20 meters apart through areas of suitable habitat within the study area, including man-made structures.

During the initial habitat assessment survey in October 2011, POWER observed that a high percentage of the study area had been recently disked and was devoid of any vegetation. POWER mapped the remaining areas that still contained vegetation. These areas were presented on a Project map to Riverside County biologist Jared Bond, who requested that these remaining areas be investigated for protocol breeding season burrowing owl surveys. This left 10 distinct survey plots within the study area (Figure 2). Of the solar facility site's total 3,311.1 total acres, only an estimated

645.8 acres still contained vegetation in October 2011; at Mr. Bond's instruction, these were the areas that were analyzed for habitat suitability in March 2013 at the time of the first burrowing owl survey. Approximately half of this acreage was surveyed and consisted primarily of creosote bush scrub, along with desert dry wash woodland in the two washes on the eastern side of the study area. The remaining, un-surveyed half was composed of a citrus orchard in the center of the Project area, as such it did not provide suitable habitat for this species. However, an irrigation basin on the edge of the orchard was still checked for wildlife during each survey. Three irrigation basins are present within the study area. As observed during the surveys, the basin in the northwest corner and the basin in the citrus orchard contained water, while the basin in the southeast corner was dry and empty. The wet basins were observed during each survey to support different avian species.

POWER biologists Tom Herzog, Ken McDonald, Melissa Lippincott, Allison Carver, and Ryan Winkleman participated in the pedestrian survey transects, spaced at approximately 20 meters to allow for 100% visual coverage of the survey plots. The survey team varied for each survey. Where necessary, transect spacing was altered to account for differences in terrain, vegetation density, and visibility. The surveyors began each survey by visually scanning the survey plot and all visible surrounding areas for any visible owls; these were also periodically scanned for activity during each survey. The locations of all potential owl burrows and sign were recorded and mapped using handheld global positioning devices and aerial imagery. Figure 2 presents the study area, as well as specific burrowing owl survey areas and survey results. Incidental wildlife observations were also noted. The presence of each observed wildlife species was based on direct observation of individual(s), sign, and/or vocalization.

With one exception, field surveys were conducted when weather conditions were conducive to observing owls and other avian species. According to the survey protocol (CDFW 2012), burrowing owl surveys should not be conducted when temperatures are below 20 degrees Celsius (°C) (68 degrees Fahrenheit [°F]), wind speeds exceed 20 kilometers per hour (km/hr) (12.4 miles per hour [mph]), or if there is precipitation or dense fog (cloud cover greater than 75%). There is no stated upper limit on temperatures. Surveys otherwise conformed to these restrictions and were not performed during rain, high winds (greater than 12.4 mph), or poor visibility. As noted in Table 2 below, on one occasion unexpected high winds resulted in adverse survey conditions, and as the survey season progressed, high temperatures were unavoidable. Observations were made from the nearest appropriate vantage points with the use of binoculars when access to discrete portions of the study area were not possible due to private property, topographic relief, physical barriers, health and safety considerations, etc.

Before the start and at the conclusion of each survey day, the biologists used binoculars to check on a nearby reference population just west of Buck Road, an area within the BMSP area where POWER had found four burrowing owls during protocol surveys conducted in 2011 (Figure 3). However, this population was not observed to be present in this area during the 2013 effort. Therefore, to have the best chance of finding reference birds, during the third and fourth PVMSP surveys the biologists researched and visited other burrowing owls in the Blythe area that had been recently recorded, within the last 30 days, in eBird (2013). Visits to the eBird record locations were positive, indicating that weather conditions in the general area were suitable for burrowing owls to be above-ground and active if present.

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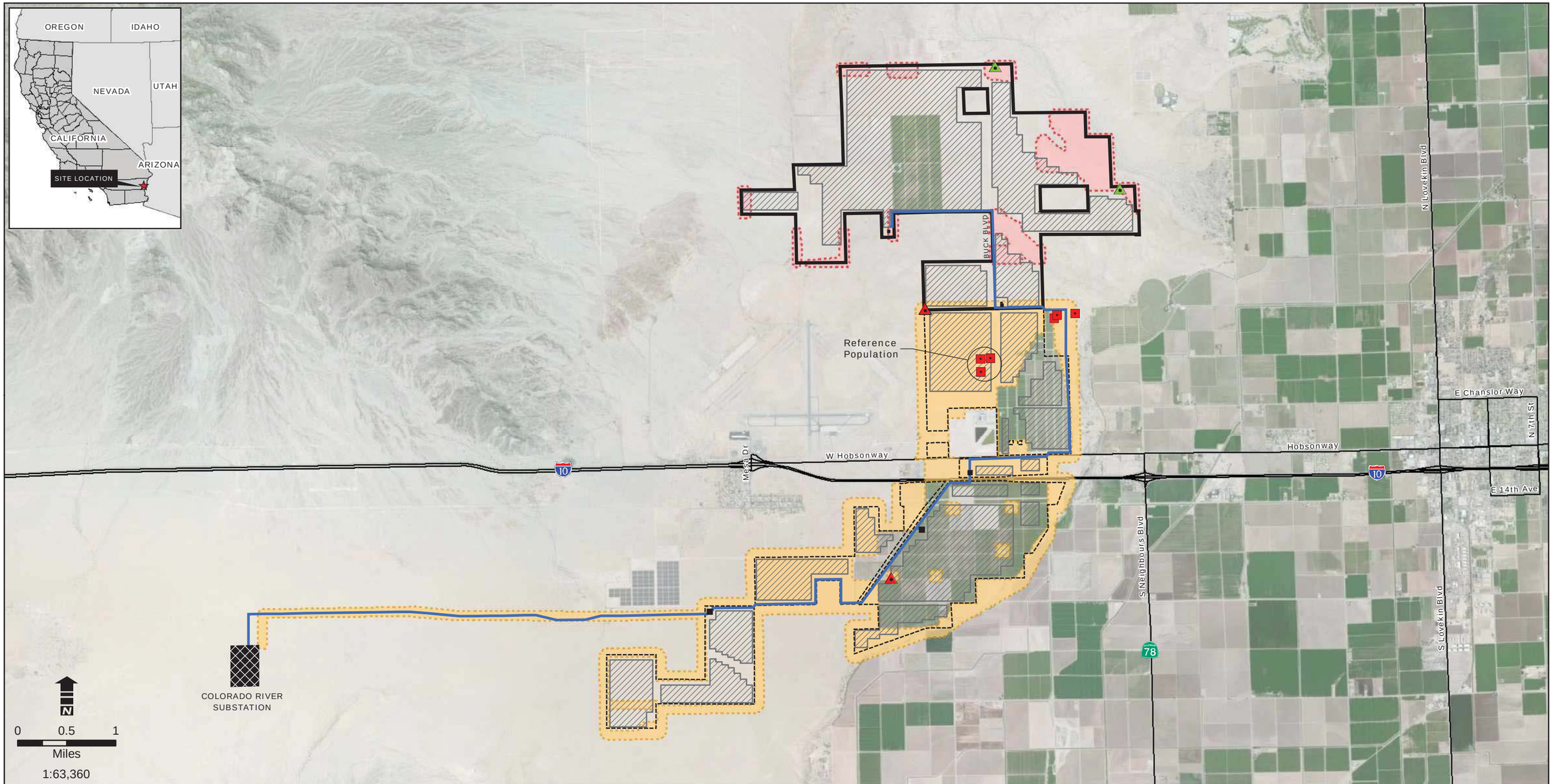

Legend

Palo Verde Mesa Solar Project

- 2013 Burrowing Owl Sign
- 2013 Protocol Burrowing Owl Survey Areas
- Proposed 230 kV Transmission Line
- Palo Verde Mesa Solar Project Solar Facility
- Solar Array Footprint

Blythe Mesa Solar Project

- 2011 Burrowing Owl Sign
- 2011 Burrowing Owl Burrow
- 2011 Protocol Burrowing Owl Survey Areas
- Blythe Mesa Solar Project Solar Facility
- Solar Array Footprint

Other Facility

- Colorado River Subtation

FIGURE 3

PALO VERDE MESASOLAR PROJECT AND BLYTHE MESA SOLAR PROJECT PROTOCOL BURROWING OWL SURVEY AREAS

PALO VERDE MESA SOLAR PROJECT
WESTERN BURROWING OWL SURVEY

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TABLE 2 SURVEY DETAILS AND CONDITIONS

SURVEY DATE	TIME STARTED	TIME FINISHED	STARTING TEMPERATURE (°F)	ENDING TEMPERATURE (°F)	DESCRIPTION OF WEATHER CONDITIONS
3/11/13	3:45 PM	7:00 PM	82	70	No precipitation. Low winds. High visibility.
3/12/13	6:15 AM	12:00 PM	52	74	No precipitation. Low winds. High visibility.
4/22/13	5:10 PM	6:47 PM	97	95	No precipitation. Low winds. High visibility.
4/23/13	6:04 AM	9:33 AM	60	75	No precipitation. High winds. Moderate visibility.
5/30/13	6:45 PM	8:04 PM	96	94	No precipitation. Moderate winds. High visibility.
5/31/13	5:32 AM	8:56 AM	71	77	No precipitation. Low winds. High visibility.
6/24/13	5:57 PM	7:18 PM	100	95	No precipitation. Moderate winds. High visibility.
6/25/13 (morning)	5:38 AM	8:56 AM	67	86	No precipitation. Low winds. High visibility.
6/25/13 (evening)	6:18 PM	7:01 PM	103	100	No precipitation. Low winds. High visibility.
6/26/13	5:58 AM	6:53 AM	78	82	No precipitation. Low winds. High visibility.

SURVEY RESULTS

No burrowing owls were detected within the study area during protocol field surveys. One burrow with a small amount of old whitewash was identified, as well as old whitewash and old pellets at a well (Figure 2). Both of these findings were outside of the solar array's actual disturbance footprint, as shown in Figure 2. Other than these two instances, no burrowing owl sign or suspected burrowing owl burrows were found within the study area. Several kit fox dens were found in the northeast corner of the study area, and rodent burrow complexes were scattered abundantly throughout the entire study area. However, none of these exhibited any signs of burrowing owl occupancy or use. With the exception of the second survey, suitable burrowing owl prey appeared to be scarce. During the second survey, grasshoppers were in high abundance, but these numbers were greatly reduced during the third and fourth surveys.

An area that had previously contained owls in 2011, just west of and easily viewable from Buck Road, was checked in 2013, with no observations or recent signs of occupation. This may indicate that burrowing owls have been extirpated from the general area of both the BMSP and the PVMSP, or possibly that the dry year has restricted them from occupying the area in 2013.

Wildlife and Plants Observed During Burrowing Owl Surveys

Ground squirrel burrow complexes were observed throughout the entire study area, though only round-tailed ground squirrels (*Spermophilus tereticaudus*) were observed during the surveys. Fewer than five round-tailed ground squirrels were observed during each survey. Several kit fox dens were identified in the northeast corner of the study area, but no kit foxes were observed. Some of the more frequently observed wildlife during surveys include red-winged blackbird (*Agelaius phoeniceus*), red-

tailed hawk (*Buteo jamaicensis*), horned lark (*Eremophila alpestris*), loggerhead shrike (*Lanius ludovicianus*), black-tailed jackrabbit (*Lepus californicus*), round-tailed ground squirrel, yellow-headed blackbird (*Xanthocephalus xanthocephalus*), white-winged dove (*Zenaida asiatica*), and mourning dove (*Zenaida macroura*). The loggerhead shrike, observed during the second, third, and fourth surveys, is a CDFW species of special concern, as is the yellow warbler (*Dendroica petechia*), which was observed during the third survey. A certain subspecies of horned lark, the California horned lark (*E.a. actia*), is on the CDFW Watch List, but this subspecies is coastal and is not the subspecies that would be present in the Blythe region. Several potential burrowing owl predators were observed during surveys, including great horned owl (*Bubo virginianus*), red-tailed hawk, and ferruginous hawk (*Buteo regalis*). Most of the surveyed study area consists of some variation of creosote bush scrub and is therefore dominated by creosote bush (*Larrea tridentata*). Burro bush (*Ambrosia dumosa*) and Mediterranean grass (*Schismus barbatus*) were also in high abundance in the study area. A comprehensive list of wildlife observed during the surveys is available in Appendix B.

CONCLUSION

No burrowing owls were detected within the study area, and remaining habitat at the time of surveys in 2013 was marginal at best. POWER conducted four CDFW (2012) protocol breeding season surveys and, with the exception of two instances of old (i.e., not from this year) sign, did not find any indications of burrowing owl presence. In addition, during each survey POWER's biologists checked on a reference population in a parcel contiguous to the PVMSP that had been discovered by POWER in 2011 (POWER 2012a) and did not observe any burrowing owls at these previously-documented sites, indicating that any burrowing owls that may have once been present in this general area may now be extirpated. However, burrowing owls were found in multiple locations in and around the BMSP in 2011. Three of these sightings were close to the proposed gen-tie line corridor (Figure 3), and if present during its construction, owls in this area may be adversely affected. To avoid or minimize Project-related effects, a Western Burrowing Owl Monitoring and Mitigation Plan will be prepared for the PVMSP that will require pre-construction surveys for burrowing owls in the solar array facility and gen-tie line.

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APPENDIX A REPRESENTATIVE SITE PHOTOGRAPHS

Photo 1. A photo taken in the northeastern corner of the study area, facing west. This was an area of disturbed creosote scrub that also had several kit fox burrows along terrace slopes on its southern end.

Photo 2. A photo taken in the northern center of the study area, facing west. Wells like those visible in the center of the photo were searched during surveys. Fallow agricultural fields are in the distance.

Photo 3. A photo taken in the southwestern corner of the study area, facing northwest. Some areas of the survey, such as this one, were on the border of fallow agricultural fields that, if left unused, may eventually become burrowing owl habitat. Fields such as these already had abundant numbers of rodent burrows in them.

Photo 4. A photo taken in the southeast corner of the study area, facing east. Burrows were examined along the top and base of this wash slope, as well as in the upland fallow field and associated terraces.

APPENDIX B OBSERVED WILDLIFE LIST

Scientific Name*	Common Name	Survey 1	Survey 2	Survey 3	Survey 4
CLASS INSECTA	**INSECTS**				
ORDER ODONOTA	**DRAGONFLIES AND DAMSELFLIES**				
	dragonfly				X
ORDER ORTHOPTERA	**GRASSHOPPERS, CRICKETS, KATYDIDS**				
	grasshopper		X	X	X
TENEBRIONIDAE	**DARKLING BEETLES**				
Asbolus verrucosus	desert ironclad beetle		X		
Eleodes spp.	darkling beetle	X	X	X	X
MUTILLIDAE	**VELVET ANTS**				
Dasymutilla magnifica	red velvet ant				X
THERAPHOSIDAE	**TARANTULAS**				
	tarantula		X		
CLASS REPTILIA	**REPTILES**				
IGUANIDAE	**IGUANID LIZARDS**				
Callisaurus draconoides draconoides	common zebra-tailed lizard			X	X
Dipsosaurus dorsalis	desert iguana	X		X	
Phrynosoma platyrhinos	desert horned lizard			S	S
Uta stansburiana	common side-blotched lizard	X			X
TEIIDAE	**WHIPTAIL LIZARDS**				
Aspidoscelis tigris tigris	Great Basin whiptail			X	X
VIPERIDAE	**VIPERS**				
Crotalus cerastes laterorepens	Colorado Desert sidewinder				T
CLASS AVES	**BIRDS**				
ANATIDAE	**DUCKS, GEESE, SWANS**				
Oxyura jamaicensis	ruddy duck		X		
PHASIANIDAE	**PARTRIDGES, GROUSE, TURKEYS, OLD WORLD QUAIL**				
Pavo cristatus	Indian peafowl	X			
ODONTOPHORIDAE	**NEW WORLD QUAIL**				
Callipepla gambelii	Gambel's quail		X		X
CATHARTIDAE	**NEW WORLD VULTURES**				
Cathartes aura	turkey vulture		X		X
ACCIPITRIDAE	**HAWKS, KITES, EAGLES**				
Buteo jamaicensis	red-tailed hawk	X	X	X	X
Buteo regalis	ferruginous hawk	X			

Scientific Name*	Common Name	Survey 1	Survey 2	Survey 3	Survey 4
FALCONIDAE	**FALCONS**				
Falco sparverius	American kestrel	X			
RALLIDAE	**RAILS, GALLINULES, COOTS**				
Fulica americana	American coot		X		
CHARADRIIDAE	**LAPWINGS, PLOVERS**				
Charadrius vociferus	killdeer		X		
COLUMBIDAE	**PIGEONS & DOVES**				
Streptopelia chinensis	spotted dove			X	
Zenaida asiatica	white-winged dove	X	X	X	X
Zenaida macroura	mourning dove	X			X
CUCULIDAE	**CUCKOOS, ROADRUNNERS, ANIS**				
Geococcyx californianus	greater roadrunner	X			
STRIGIDAE	**TRUE OWLS**				
Bubo virginianus	great horned owl	X			
CAPRIMULGIDAE	**NIGHTHAWKS**				
Chordeiles acutipennis	lesser nighthawk		X	X	X
TYRANNIDAE	**TYRANT FLYCATCHERS**				
Contopus sordidulus	western wood-pewee			X	
Myiarchus cinerascens	ash-throated flycatcher			X	X
Sayornis saya	Say's phoebe	X	X		
Tyrannus tyrannus	eastern kingbird		X		
Tyrannus verticalis	western kingbird		X		X
ALAUDIDAE	**LARKS**				
Eremophila alpestris	horned lark	X	X	X	X
CORVIDAE	**JAYS & CROWS**				
Corvus brachyrhynchos	American crow		X		
REMIZIDAE	**PENDULINE TITS, VERDINS**				
Auriparus flaviceps	verdin				X
AEGITHALIDAE	**LONG-TAILED TITS, BUSHTITS**				
Psaltriparus minimus	bushtit			X	
SYLVIIDAE	**OLD WORLD WARBLERS, GNATCATCHERS**				
Polioptila melanura	black-tailed gnatcatcher			X	X
LANIIDAE	**SHRIKES**				
Lanius ludovicianus	loggerhead shrike		X	X	X
PARULIDAE	**WOOD WARBLERS**				
Dendroica coronata	yellow-rumped warbler	X			
Dendroica petechia	yellow warbler			X	

Scientific Name*	Common Name	Survey 1	Survey 2	Survey 3	Survey 4
Oporornis tolmiei	MacGillivray's warbler		X		
ICTERIDAE	**BLACKBIRDS**				
Agelaius phoeniceus	red-winged blackbird	X		X	X
Quiscalus mexicanus	great-tailed grackle				X
Sturnella neglecta	western meadowlark	X			
Xanthocephalus xanthocephalus	yellow-headed blackbird		X	X	X
EMBERIZIDAE	**EMBERIZIDS**				
Amphispiza belli	sage sparrow	X			
Zonotrichia leucophrys	white-crowned sparrow	X			
FRINGILLIDAE	**FINCHES**				
Carpodacus mexicanus	house finch	X	X		
CLASS MAMMALIA	**MAMMALS**				
LEPORIDAE	**HARES & RABBITS**				
Lepus californicus	black-tailed jackrabbit			X	
SCIURIDAE	**SQUIRRELS**				
Spermophilus sp.	ground squirrel				X
Spermophilus tereticaudus	round-tailed ground squirrel	X	X	X	X
MURIDAE	**MICE, RATS, AND VOLES**				
Neotoma sp.	woodrat				M
CANIDAE	**WOLVES & FOXES**				
Canis latrans	coyote			X	
Vulpes macrotis	kit fox	B			

*except with regard to the first two insects in the table, which are organized by Order, all wildlife are organized by Family.

X = observed or heard
B = burrow
M = midden
S = scat
T = tracks

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APPENDIX V:
SOBOBA CULTURAL RESOURCES LETTER

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August 7, 2014

Attn: Frank McMenimen
BLM Renewable Energy Project Manager
1201 Bird Center Drive
Palm Springs, CA 92262

Re: Blythe Mesa Project

Thank you for taking the time to meet consult with the Soboba Band of Luiseno Indians on the Blythe Mesa Project. Below are the tribe's requests, as we discussed in our August 6th meeting regarding the Blythe Mesa Project.

Soboba Band of Luiseño Indians is requesting the following:

1. That the Soboba Band of Luiseño Indians continue to be a consulting tribal entity for this project through G**overnment to Government** consultation in accordance to Section 106. This shall include the transfer of information to the Soboba Band of Luiseño Indians regarding the progress of this project should be done as soon as new developments occur.

2. Working in and around traditional use areas intensifies the possibility of encountering cultural resources during the construction/excavation phase. For this reason the Soboba Band of Luiseño Indians requests that Native American Monitor(s) from the Soboba Band of Luiseño Indians Cultural Resource Department to be present during any ground disturbing proceedings. Including any future surveys and archaeological testing.

3. Request that proper procedures be taken and requests of the tribe be honored (Please see the attachment)

We will be waiting to receive the additional documents regarding this project and will be drafting comments to them at that time.

Sincerely,

Joseph Ontiveros
Soboba Cultural Resource Department
P.O. Box 487
San Jacinto, CA 92581
Phone (951) 654-5544 ext. 4137
Cell (951) 663-5279
jontiveros@soboba-nsn.gov

Cultural Items (Artifacts). Ceremonial items and items of cultural patrimony reflect traditional religious beliefs and practices of the Soboba Band. The Developer should agree to return all Native American ceremonial items and items of cultural patrimony that may be found on the project site to the Soboba Band for appropriate treatment. In addition, the Soboba Band requests the return of all other cultural items (artifacts) that are recovered during the course of archaeological investigations. When appropriate and agreed upon in advance, the Developer's archeologist may conduct analyses of certain artifact classes if required by CEQA, Section 106 of NHPA, the mitigation measures or conditions of approval for the Project. This may include but is not limited or restricted to include shell, bone, ceramic, stone or other artifacts.

The Developer should waive any and all claims to ownership of Native American ceremonial and cultural artifacts that may be found on the Project site. Upon completion of authorized and mandatory archeological analysis, the Developer should return said artifacts to the Soboba Band within a reasonable time period agreed to by the Parties and not to exceed (30) days from the initial recovery of the items.

Treatment and Disposition of Remains

A. The Soboba Band shall be allowed, under California Public Resources Code § 5097.98 (a), to (1) inspect the site of the discovery and (2) make determinations as to how the human remains and grave goods shall be treated and disposed of with appropriate dignity.

B. The Soboba Band, as MLD, shall complete its inspection within twenty-four (24) hours of receiving notification from either the Developer or the NAHC, as required by California Public Resources Code § 5097.98 (a). The Parties agree to discuss in good faith what constitutes "appropriate dignity" as that term is used in the applicable statutes.

C. Reburial of human remains shall be accomplished in compliance with the California Public Resources Code § 5097.98 (a) and (b). The Soboba Band, as the MLD in consultation with the Developer, shall make the final discretionary determination regarding the appropriate disposition and treatment of human remains.

D. All parties are aware that the Soboba Band may wish to rebury the human remains and associated ceremonial and cultural items (artifacts) on or near, the site of their discovery, in an area that shall not be subject to future subsurface disturbances. The Developer should accommodate on-site reburial in a location mutually agreed upon by the Parties.

E. The term "human remains" encompasses more than human bones because the Soboba Band's traditions periodically necessitated the ceremonial burning of human remains. Grave goods are those artifacts associated with any human remains. These items, and other funerary remnants and their ashes are to be treated in the same manner as human bone fragments or bones that remain intact.

Coordination with County Coroner's Office. The Lead Agencies and the Developer should immediately contact both the Coroner and the Soboba Band in the event that any human remains are discovered during implementation of the Project. If the Coroner recognizes the human remains to be those of a Native American, or has reason to believe that they are those of a Native American, the Coroner shall ensure that notification is provided to the NAHC within twenty-four (24) hours of the determination, as required by California Health and Safety Code § 7050.5 (c).

Non-Disclosure of Location Reburials. It is understood by all parties that unless otherwise required by law, the site of any reburial of Native American human remains or cultural artifacts shall not be disclosed and shall not be governed by public disclosure requirements of the California Public Records Act. The Coroner, parties, and Lead Agencies, will be asked to withhold public disclosure information related to such reburial, pursuant to the specific exemption set forth in California Government Code § 6254 (r).

Ceremonial items and items of cultural patrimony reflect traditional religious beliefs and practices of the Soboba Band. The Developer agrees to return all Native American ceremonial items and items of cultural patrimony that may be found on the project site to the Soboba Band for appropriate treatment. In addition, the Soboba Band requests the return of all other cultural items (artifacts) that are recovered during the course of archaeological investigations. Where appropriate and agreed upon in advance, Developer's archeologist may conduct analyses of certain artifact classes if required by CEQA, Section 106 of NHPA, the mitigation measures or conditions of approval for the Project. This may include but is not limited or restricted to include shell, bone, ceramic, stone or other artifacts.

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