

Bureau of Land Management  
Quarterly Report  
September 30, 2015

**1. Route Monitoring and Compliance**

**a. Monitoring Compliance with Route Closures at a Statistically Significant Level – Update from June 2015 Quarterly Report**

Pursuant to the Protocol Monitoring Plan, for Year 2 of the first 3-year monitoring cycle, commencing August 2014, BLM completed field inspection and data recordation on 117.43 miles of field sample routes, and 51.68 miles of aerial photo sample routes. Over the first two years of the 3-year monitoring cycle, BLM has completed field inspection and data recordation on a total of 231.58 miles of field sample routes out of the 333.5 miles in the field review sample set, and 106.69 miles of the aerial sample routes out of the 150 miles in the aerial review sample set.

A monitoring status memorandum for Year 2 of the first 3-year monitoring cycle is attached to this quarterly report (Attachment 1 -- Year 2 Monitoring Status Memo; Attachment 2 -- Year 2 Protocol Monitoring Map). The memo identifies which routes were monitored in the field and which routes were monitored via aerial photos, and includes a map of the routes that were monitored (color-coded for field versus aerial photo monitoring). The memo states when monitoring occurred, identifies issues encountered, and states that no deviation and/or changes in the protocol or variables were required. In accordance with Section 4.1 of the Protocol Monitoring Plan, no statistical or other analyses were conducted for Year 2 of the first 3-year monitoring cycle.

**b. Summary of Monitoring/Enforcement Effort – Update from June 2015 Quarterly Report**

BLM law enforcement (LE) Rangers conducted 411 compliance checks (*e.g.*, wilderness, Area of Critical Environmental Concern, cultural sites) and 80 enforcement contacts within the West Mojave planning area. Of these 80 enforcement contacts, 28 pertained directly to off-route (43 CFR 8341.1(b)), closed area (43 CFR 8341.1(c), CA VC 38301(b)), wilderness (43 CFR 6302.20(d)), National Scenic Trail (43 CFR 8351.1-1(a)), or other motor vehicle violations. Written reports were prepared for some of these violations as part of the Incident Management and Response System (IMARS) in support of pending investigations. Table 1 provides an overview of LE actions by patrol sector within the West Mojave planning area.

<b>Table 1. Overview Of Law Enforcement Actions By Patrol Sector Within The West Mojave Planning Area Since June 2015 Quarterly Report</b>					
<b>Patrol Sector</b>	<b>Compliance Checks</b>	<b>Federal Violation Notice</b>	<b>State/Local Citation</b>	<b>Written Warning</b>	<b>Written Report Filed</b>
<i><b>Barstow</b></i>					
81	79	0	0	3	15
82	38	1	0	10	0
83	120	1	0	7	22
84	0	6	0	1	0
85	3	0	0	0	0
86	13	0	0	2	0
<i><b>Ridgecrest</b></i>					
1	4	0	0	0	0
2	0	0	0	0	0
3	16	1	0	1	0
4	35	0	0	0	1
5	35	0	0	3	0
6	32	0	0	2	2
7	7	0	0	0	0
<i><b>Needles</b></i>					
92	7	0	0	0	0
<i><b>Palm Springs</b></i>					
2	22	0	0	0	2
<b>TOTAL</b>	<b>411</b>	<b>9</b>	<b>0</b>	<b>29</b>	<b>42</b>

**c. Maintenance and Restoration Actions – Update from June 2015 Quarterly Report**

Heavy equipment route maintenance and repair was performed in the Red Mountain and Stoddard Valley Subregion to address storm damage, improve drainage and or improve access for the public.



Before



After

Limited Use Area signs were replaced in the Sierra, Darwin, North Searless, and South Searless Subregions.

Public safety issues were remediated (*e.g.*, fence installed) at numerous abandoned mine shafts located in the Red Mountain, South Searles, Rand Mountain and Stoddard Valley Subregions.



Before



After

BLM hosted two meetings of the Juniper Flats Working Group. This working group is comprised of 26 people, including representatives from the Friends of Juniper Flats and District 37 (motorcycle club). The Juniper Flats Working Group will provide assistance to BLM in the restoration of numerous sites in the Juniper Flats Subregion, and assist in education outreach and monitoring in the area. Meetings are held on the second Tuesday of each month. The first two meetings resulted in the formation of three sub-groups: Education, Restoration, and Volunteers/Events. The Education sub-group has identified target audiences and resources for development; the Volunteer sub-group has planned a clean-up day on November 14, 2015 in specified areas to be restored; and the Restoration sub-group is in the process of identifying locations for installation of additional kiosks within the Juniper Flats Subregion.

## **2. Kiosks – Update from June 2015 Quarterly Report**

BLM continued to perform regular and ongoing maintenance of the information kiosks in the Sierra, Darwin, North Searless, South Searless, Calico Mountains, Rattlesnake Canyon, and Johnson Valley Subregions during this last quarter. These efforts included the replacement of Subregion maps, posting of notices, painting, plexiglass replacement, and other structural repairs as needed.

### 3. Proper Functioning Condition – Seeps and Springs – Update from June 2015 Quarterly Report

Three Proper Functioning Condition (PFC) assessments were completed within the WEMO planning area since the June 2015 Quarterly Report. Table 2 shows the results of the PFC assessments.

<b>WEMO Subregion</b>	<b>Unique Identifier and/or Name</b>	<b>Date</b>	<b>Finding</b>	<b>Notes</b>
Newberry-Rodman	BAR15-05 Kane Spring	2015	Functioning At Risk- Stable	Developed water source for livestock/wildlife
Newberry-Rodman	BAR15-06 Sheep Spring	2015	PFC	No surface water
Morongo Valley	Pipes Canyon Preserve Springs	2015	Functioning At Risk- Upward Trend	Upper watershed was burned by wildfire and there is evidence that water was being diverted from the spring source by piping.

### 4. Status of Planning – Update from June 2015 Quarterly Report

BLM continued to work with the State Historic Preservation Office (SHPO), the Advisory Council on Historic Preservation (ACHP), Tribes, and other consulting parties on the development of the National Historic Preservation Act Section 106 Programmatic Agreement (PA). Between June and August 2015, BLM hosted two consulting party meetings. At the August 13, 2015 meeting, BLM requested consulting parties provide red-flag issue comments to the PA prior to it being finalized for signature. On September 3, the Final PA was circulated to consulting parties, with a request that those who wish to sign as concurring parties return signatures to BLM by September 25, 2015. The BLM, SHPO and ACHP will meet on September 30, 2015 in Sacramento to sign the PA.

To date, cultural resource inventory crews have surveyed 5,514 acres (159 miles) of previously unsurveyed routes and identified 439 occurrences of cultural resources, including 303 archaeological sites and 149 isolated artifacts. The crew continues to finalize paperwork and prepare for additional field work using the results of the first run of the Archaeological Sensitivity Model.

The public comment period for the West Mojave Route Network Project Draft Land Use Plan Amendment/Supplemental Environmental Impact Statement was reopened on September 25, 2015 for an additional 120-day period (Federal Register Notice: 2015-24437). Written comments must be received by BLM on or before January 25, 2016.

## **5. Chronology of Management Actions – Update from June 2015 Quarterly Report**

**June 22, 2015:** BLM transmitted by certified letter the final working draft of the Section 106 Agreement and invited the consulting parties to attend a Section 106 consulting party meeting for the final Agreement.

**July 27, 2015:** Consulting party meeting held in Ridgecrest, CA to review the Section 106 Programmatic Agreement.

**July 27, 2015:** Plaintiffs and BLM filed a Joint Motion for Modification and Enlargement of Schedule for Completing the WEMO Plan Revision.

**August 10, 2015:** Court granted the motion and ordered: (1) the reopening of the public comment period on the West Mojave Route Network Project Draft Supplemental Environmental Impact Statement (SEIS) for 120-days, commencing at a date certain in September 2015; (2) publication of the Notice of Availability (NOA) of the Final SEIS and proposed travel management plans (TMP) by April 29, 2016; (3) publication of the Record of Decision (ROD) for the WEMO Plan Revision and the TMP RODs by November 30, 2016. The Court further provided that, if the NOA of the Final Environmental Impact Statement for the Desert Renewable Energy Conservation Plan (DRECP) is delayed beyond November 30, 2015, or if the DRECP ROD is delayed beyond February 29, 2016, BLM may seek additional time and present a proposed schedule for completing the WEMO Plan Revision to Plaintiffs and the Court within 60 days of notification of such delay. Finally, the Court ordered that BLM shall provide quarterly updates on the BLM's California Desert District website regarding planning process, and shall keep the Court and the parties apprised of the status of the planning process in its quarterly reports filed with the Court.

**August 11, 2015:** NOA package forwarded to the California State Office to reopen the comment period on the West Mojave Route Network Project Draft Land Use Plan Amendment (LUPA)/SEIS.

**August 13, 2015:** Consulting party conference call and WebEx to review the changes to the final draft of the Section 106 Programmatic Agreement.

**September 3, 2015:** BLM transmitted by certified letter the Final Section 106 Programmatic Agreement with all appendices and signature pages to the consulting parties, requesting those who wish to sign as concurring parties to provide signed pages to the BLM by September 25, 2015.

**September 12, 2015:** BLM briefed the California Desert Advisory Council on the reopening of the public comment period for the West Mojave Route Network Project Draft LUPA/SEIS.

**September 25, 2015:** Federal Register Notice: 2015-24437 reopened the public comment period for the West Mojave Route Network Project Draft LUPA/SEIS for 120-days. Written comments must be received by the BLM on or before January 25, 2016.

**September 28, 2015:** BLM held an interagency coordination meeting with Department of Defense (DoD), Fort Irwin National Training Center on the West Mojave Route Network Project and recent DoD acquisitions.

# ATTACHMENT 1

## YEAR 2 MONITORING STATUS MEMO

### WEMO OHV Protocol Monitoring

#### ROUTES MONITORED YEAR 2:

Pursuant to Section 4.1 of the 2013 Protocol Monitoring Plan, for Year 2 of the first 3-year monitoring cycle, commencing August 2014, BLM completed field inspection and data recordation on 117.43 miles of field sample routes, and 51.68 miles of aerial sample routes. Table 1 lists the routes field monitored and Table 2 lists the routes aerially monitored in Year 2. These routes are depicted on Attachment 2, Year 2 Protocol Monitoring Map, and color-coded for field versus aerial monitoring.

<b>Table1. Routes Field Monitored in Year 2</b>				
<b>Date Monitored</b>	<b>Travel Management Area Subregion</b>	<b>Route Number</b>	<b>Route Mileage</b>	<b>Issues/Info</b>
6/12/2015	Cronese Lake	CL8315	28.17	Numerous authorized right-of-way routes to power poles are recommended to be included in the designated network.
6/12/2015	Cronese Lake	CL8105	1.71	
6/11/2015	Cronese Lake	CL8203	2.52	
5/1/2015	Darwin	SE24	1.22	
5/1/2015	Darwin	SE73	3.38	SE4 cross route naturally rehabilitating. Closure is recommended.
12/23/2014	El Mirage	EM4694	8.43	
6/26/2015	El Paso	EP15	22.52	
2/12/2015	El Paso	EP647	4.15	
6/19/2015	Jawbone	SC5	9.47	
6/19/2015	Jawbone	SC99	1.38	Correct mileage of SC99 from 2.44 miles to 1.38 miles, as 1.38 miles is visible on the ground and being used.
6/18/2015	Johnson Valley	NR8465	8.12	
2/11/2015	Joshua Tree	JT1933	2.45	
2/11/2015	Joshua Tree	JT1957	9.51	
2/11/2015	Middle Knob	MK1	0.97	

<b>Table1. Routes Field Monitored in Year 2</b>				
<b>Date Monitored</b>	<b>Travel Management Area Subregion</b>	<b>Route Number</b>	<b>Route Mileage</b>	<b>Issues/Info</b>
3/4/2015	Middle Knob	MK94	3.25	
2/11/2015	Middle Knob	MK110	3.66	
2/11/2015	Middle Knob	MK121	0.09	
2/11/2015	Middle Knob	MK122A	0.20	
2/12/2015	Needles South	NS6740	4.51	
2/12/2015	Needles South	NS7813	0.52	
<b>Year 2 total miles field monitored</b>			<b>117.43</b>	
<b>Total Year 1 and Year 2 miles field monitored</b>			<b>231.58</b>	

<b>Table 2. Routes Monitored via Aerial Photos in Year 2</b>				
<b>Date Monitored</b>	<b>Travel Management Area Subregion</b>	<b>Route Number</b>	<b>Route Mileage</b>	<b>Issues</b>
7/16/2015	Rattlesnake Canyon	RC3443	0.35	
7/16/2015	Ord Mountains	OM6602	0.66	
7/16/2015	Broadwell Lake	BL8685	0.16	
7/16/2015	Broadwell Lake	BL8592	0.33	Existing incursion
7/16/2015	Broadwell Lake	BL8685	0.05	
7/16/2015	Broadwell Lake	BL8685	0.43	
7/16/2015	Sierra	SE296	0.81	
7/16/2015	Ridgecrest	RC12	0.12	Existing incursion
7/16/2015	Sierra	SE296	0.13	
7/16/2015	Broadwell Lake	BL8685	0.07	Existing incursion
7/16/2015	Coolgardie	CG7274	0.31	Existing incursion
7/16/2015	Broadwell Lake	BL8685	0.14	
7/16/2015	Ord Mountains	OM7350	0.13	Existing incursion
7/16/2015	Juniper Flats	JF3384	0.07	Existing incursion
7/16/2015	Pisgah Crater	PC8630	0.34	
7/16/2015	Broadwell Lake	BL8685	0.17	
7/16/2015	Broadwell Lake	BL8685	0.09	Existing incursion



<b>Table 2. Routes Monitored via Aerial Photos in Year 2</b>				
<b>Date Monitored</b>	<b>Travel Management Area Subregion</b>	<b>Route Number</b>	<b>Route Mileage</b>	<b>Issues</b>
7/16/2015	Broadwell Lake	BL8685	0.02	
7/16/2015	Broadwell Lake	BL8685	0.16	Existing incursion
7/16/2015	Broadwell Lake	BL8685	0.07	
7/16/2015	Broadwell Lake	BL8685	0.04	
7/16/2015	Ridgecrest	RC12	0.29	
7/16/2015	Broadwell Lake	BL8685	0.24	Existing incursion
7/16/2015	Juniper Flats	JF3384	0.02	
7/16/2015	El Paso	EP729	0.54	
7/16/2015	Rattlesnake Canyon	RC3443	0.01	
7/16/2015	Broadwell Lake	BL8685	0.04	
7/16/2015	Ord Mountains	OM7350	0.05	
7/16/2015	Broadwell Lake	BL8685	0.16	
7/16/2015	El Paso	EP249	1.74	
7/16/2015	Broadwell Lake	BL8685	0.01	
7/16/2015	Ord Mountains	OM7350	0.05	
7/16/2015	Pisgah Crater	PC8630	1.09	Existing incursion
7/16/2015	Broadwell Lake	BL8685	0.11	Existing incursion
7/16/2015	Ridgecrest	RC12	0.02	
7/16/2015	Broadwell Lake	BL8685	0.20	
7/16/2015	Pisgah Crater	PC8630	0.21	
7/16/2015	Broadwell Lake	BL8685	0.02	
7/16/2015	El Paso	EP249	1.01	Existing incursion
7/16/2015	Broadwell Lake	BL8685	0.16	
7/16/2015	Wonder Valley	WV1945	3.07	
7/16/2015	Ord Mountains	OM7350	0.16	
7/16/2015	Broadwell Lake	BL8685	0.22	
7/16/2015	Cronese Lake	CL8315	0.01	
7/16/2015	Broadwell Lake	BL8685	0.10	
7/16/2015	Ord Mountains	OM7350	0.07	
7/16/2015	Wonder Valley	WV1945	0.46	
7/16/2015	Broadwell Lake	BL8685	0.04	

<b>Table 2. Routes Monitored via Aerial Photos in Year 2</b>				
<b>Date Monitored</b>	<b>Travel Management Area Subregion</b>	<b>Route Number</b>	<b>Route Mileage</b>	<b>Issues</b>
7/16/2015	Broadwell Lake	BL8685	0.09	
7/16/2015	Ord Mountains	OM7350	0.05	
7/16/2015	Broadwell Lake	BL8685	0.11	
7/16/2015	Broadwell Lake	BL8685	0.08	
7/16/2015	Broadwell Lake	BL8685	0.05	
7/16/2015	Rattlesnake Canyon	RC3443	0.01	
7/16/2015	Ord Mountains	OM7350	0.05	
7/16/2015	Broadwell Lake	BL8685	0.06	
7/16/2015	Black Mountain	BM7497	0.89	
7/16/2015	Broadwell Lake	BL8685	0.02	
7/16/2015	Broadwell Lake	BL8685	0.23	
7/16/2015	Ord Mountains	OM7350	0.03	
7/16/2015	Cronese Lake	CL8335	0.02	
7/16/2015	Broadwell Lake	BL8685	0.11	
7/16/2015	Afton Canyon	AC8712	1.19	
7/16/2015	Broadwell Lake	BL8685	0.03	
7/16/2015	Broadwell Lake	BL8685	0.04	
7/16/2015	Wonder Valley	WV1948	0.19	
7/16/2015	El Paso	EP631A	0.28	
7/16/2015	Broadwell Lake	BL8685	0.14	Existing incursion
7/16/2015	Ridgecrest	RC12	0.16	
7/16/2015	Broadwell Lake	BL8685	0.01	
7/16/2015	Broadwell Lake	BL8685	0.05	
7/16/2015	Cronese Lake	CL8335	0.64	
7/16/2015	Broadwell Lake	BL8685	0.04	
7/16/2015	El Paso	EP205	0.31	
7/16/2015	Red Mountain	RM0163	0.24	Existing incursion
7/16/2015	Pisgah Crater	PC8630	0.48	
7/16/2015	Fremont Peak	FP6305	0.73	
7/16/2015	Broadwell Lake	BL8685	0.13	
7/16/2015	Broadwell Lake	BL8685	0.07	

<b>Table 2. Routes Monitored via Aerial Photos in Year 2</b>				
<b>Date Monitored</b>	<b>Travel Management Area Subregion</b>	<b>Route Number</b>	<b>Route Mileage</b>	<b>Issues</b>
7/16/2015	Broadwell Lake	BL8685	0.07	
7/16/2015	Broadwell Lake	BL8685	0.02	
7/16/2015	Ord Mountains	OM7350	0.08	
7/16/2015	Broadwell Lake	BL8592	0.03	
7/16/2015	Broadwell Lake	BL8685	0.33	
7/16/2015	Ord Mountains	OM7350	0.05	
7/16/2015	Broadwell Lake	BL8685	0.10	
7/16/2015	Juniper Flats	JF3384	0.37	
7/16/2015	Broadwell Lake	BL8685	0.04	
7/16/2015	Broadwell Lake	BL8685	0.02	
7/16/2015	Wonder Valley	WV1948	0.29	
7/16/2015	Ord Mountains	OM7350	0.11	Existing incursion
7/16/2015	Broadwell Lake	BL8685	0.15	
7/16/2015	Ord Mountains	OM7350	0.05	
7/16/2015	Broadwell Lake	BL8685	0.04	
7/16/2015	Ord Mountains	OM7350	0.07	
7/16/2015	Ord Mountains	OM7350	0.03	
7/16/2015	Ord Mountains	OM7350	0.23	
7/16/2015	Broadwell Lake	BL8685	0.02	
7/16/2015	Broadwell Lake	BL8592	0.16	
7/16/2015	Pisgah Crater	PC8630	0.55	
7/16/2015	Broadwell Lake	BL8685	0.03	
7/16/2015	Broadwell Lake	BL8685	0.05	
7/16/2015	Darwin	SE70	3.34	
7/16/2015	Ridgecrest	RC12	0.13	
7/16/2015	Broadwell Lake	BL8685	0.21	
7/16/2015	Broadwell Lake	BL8685	0.18	
7/16/2015	Broadwell Lake	BL8685	0.20	
7/16/2015	Darwin	SE71	0.54	Existing incursion
7/16/2015	Broadwell Lake	BL8685	0.16	
7/16/2015	Broadwell Lake	BL8685	0.03	

<b>Table 2. Routes Monitored via Aerial Photos in Year 2</b>				
<b>Date Monitored</b>	<b>Travel Management Area Subregion</b>	<b>Route Number</b>	<b>Route Mileage</b>	<b>Issues</b>
7/16/2015	Pisgah Crater	PC8630	0.20	
7/16/2015	Broadwell Lake	BL8685	0.11	
7/16/2015	Broadwell Lake	BL8685	0.12	
7/16/2015	Broadwell Lake	BL8685	0.12	
7/16/2015	Coolgardie	CG7274	1.28	
7/16/2015	Broadwell Lake	BL8685	0.09	
7/16/2015	NEMO Planning Area	699135	0.00	Boulder Corridor pole-line access route just outside planning area (exclude).
7/16/2015	Broadwell Lake	BL8685	0.04	
7/16/2015	Pisgah Crater	PC8630	0.26	
7/16/2015	Fremont Peak	FP5396	0.30	
7/16/2015	Jawbone	SC56	1.79	
7/16/2015	Fremont Peak	FP5403	0.31	
7/16/2015	Broadwell Lake	BL8685	0.01	
7/16/2015	Broadwell Lake	BL8685	0.04	
7/16/2015	Wonder Valley	WV1948	1.35	
7/16/2015	Broadwell Lake	BL8592	0.02	
7/16/2015	Broadwell Lake	BL8685	0.10	
7/16/2015	Broadwell Lake	BL8685	0.03	
7/16/2015	Broadwell Lake	BL8592	0.25	
7/16/2015	Ridgecrest	RC12	0.05	
7/16/2015	South Searles	RM4133	0.24	
7/16/2015	Red Mountain	RM0163	0.14	
7/16/2015	Cronese Lake	CL8315	0.01	
7/16/2015	Cronese Lake	CL8335	0.25	
7/16/2015	Ridgecrest	RM163	0.64	
7/16/2015	Red Mountain	RM0163	0.18	
7/16/2015	Jawbone	SC56	2.85	
7/16/2015	Rands	R69	0.38	
7/16/2015	Cronese Lake	CL8315	0.34	
7/16/2015	South Searles	RM4133	1.11	

<b>Table 2. Routes Monitored via Aerial Photos in Year 2</b>				
<b>Date Monitored</b>	<b>Travel Management Area Subregion</b>	<b>Route Number</b>	<b>Route Mileage</b>	<b>Issues</b>
7/16/2015	Wonder Valley	WV1960	1.36	
7/16/2015	Wonder Valley	WV1960	0.50	
7/16/2015	Cronese Lake	CL8315	3.79	
7/16/2015	Afton Canyon	AC8712	1.25	
7/16/2015	Joshua Tree	JT1906	1.08	
7/16/2015	Juniper Flats	JF3384	0.11	
7/16/2015	Juniper Flats	JF3384	0.19	
7/16/2015	Cronese Lake	CL8315	1.02	
7/16/2015	Juniper Flats	JF3384	0.25	Existing incursion
7/16/2015	Joshua Tree	JT1906	0.02	
7/16/2015	Juniper Flats	JF3384	0.12	
7/16/2015	Juniper Flats	JF3384	0.18	
7/16/2015	Joshua Tree	JT1906	0.24	
<b><i>Year 2 total miles monitored via aerial photos</i></b>			<b>51.68</b>	
<b><i>Total Year 1 and Year 2 miles monitored via aerial photos</i></b>			<b>106.69</b>	

### **SUMMARY OF MONITORING PROTOCOL:**

In 2012, BLM performed a census of all designated open and limited use routes in the WEMO Plan Area based on the review of 2009 aerial photography and field inspection. The intent of this census was to document the current extent, usage, and locations of all existing incursions in the Plan Area. For monitoring purposes, this 2012 census effort is considered the “baseline” and was used to derive the sampling strategy and approach detailed in the May 2013 WEMO OHV Monitoring Protocol.

The purpose of the Protocol Monitoring is to evaluate: (1) public compliance with route closures, and (2) the creation of new illegal routes (referred to as incursions). An incursion is defined as the location along a designated route (on BLM land only) where visitors have gone off the designated route to use a closed route or develop a new route. Incursions do not include hiking, mountain biking, or equestrian trails that may intersect designated routes.

Monitoring of designated routes will occur over a 3-year monitoring cycle with a random sample of routes selected in the first year of monitoring, which routes will then be monitored over a three year period (1/3 of the sample to be monitored each year). The population of monitored routes within the WEMO Plan area will be limited to routes that are over 0.01 miles in length and are designated as open or limited. All incursions that exist at the initiation of this monitoring protocol are considered active; following field monitoring, an existing incursion will be designated as either active or inactive. Routes will be stratified by whether or not the route includes at least one existing, active incursion. This stratification process results in two strata:

1. Routes with existing, active incursions
2. Routes without existing, active incursions

Field monitoring will be performed annually on approximately 112 miles of designated routes in the "routes with existing, active incursions" stratum (a total of about 336 miles of routes will be monitored over each 3-year monitoring cycle in this stratum). For routes with no existing, active incursions, aerial photography will be used to review a random selection of routes for new incursions. Approximately 50 miles of routes with no existing, active incursions will be reviewed annually for a total of about 150 monitored miles over the 3-year monitoring period.

A 3-year monitoring sample of 336 miles of routes with existing incursions and 150 miles of routes with no existing incursions will provide statistically valid results (estimated 80% confidence level and 10% sampling error). BLM will carry out three 3-year monitoring cycles over the course of nine years.

## **ISSUES ENCOUNTERED IN YEAR 2:**

### **Baseline GIS Issues:**

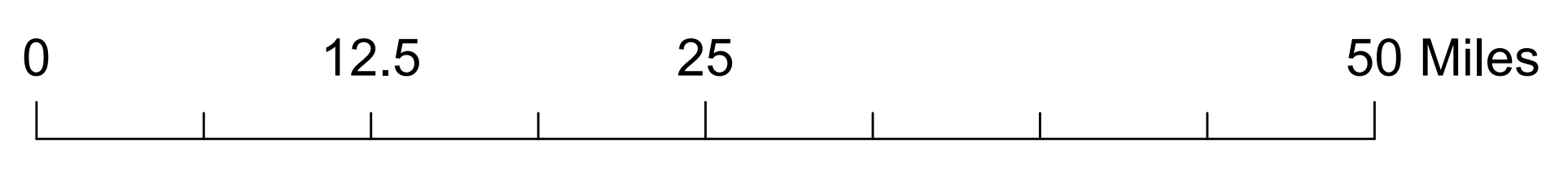
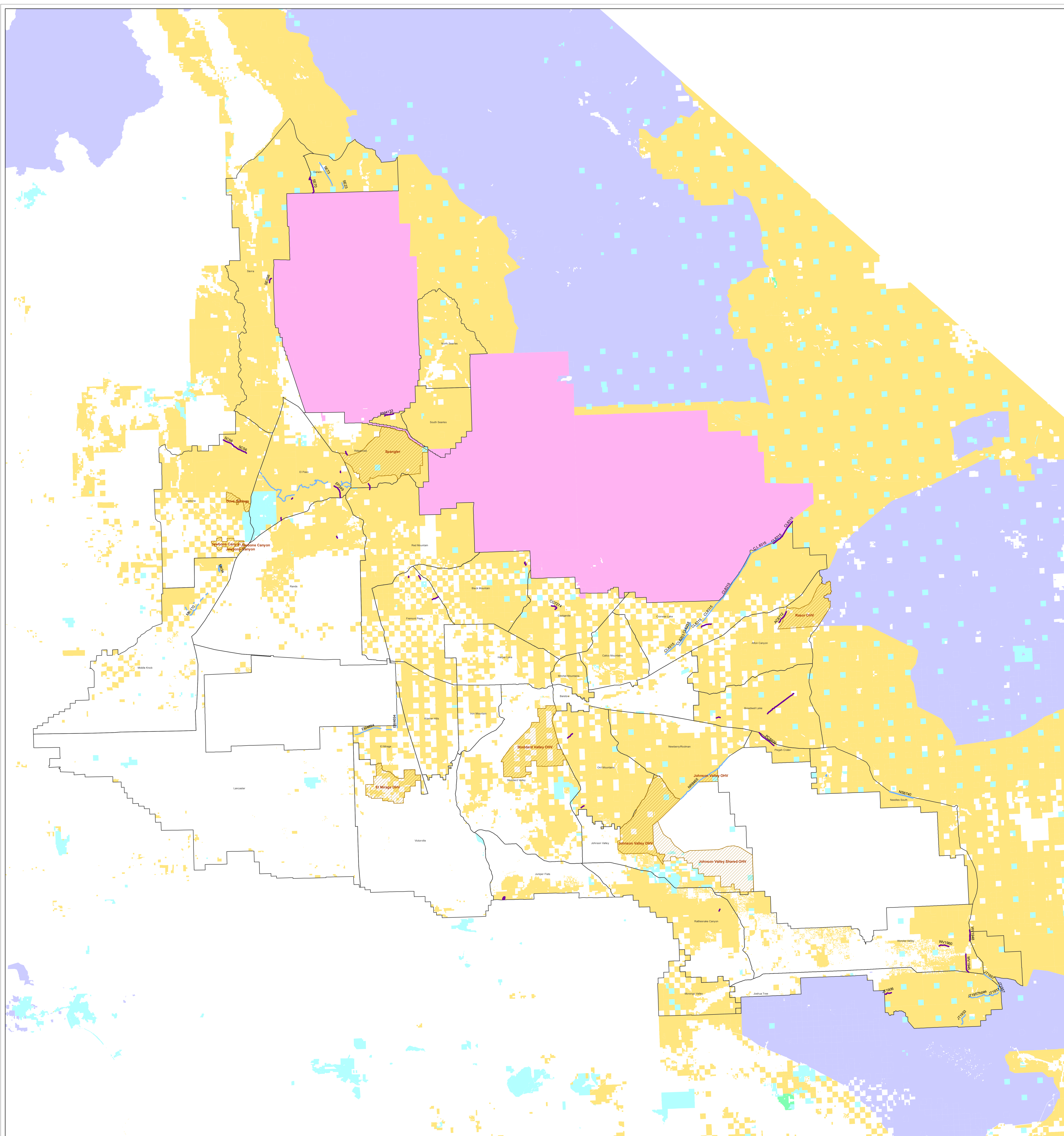
Numerous routes with existing incursions, as identified in the 2009 aerial photography, were found to have been incorrectly placed within the "routes without existing, active incursions" population sample. These route segments will be moved to the "routes with existing, active incursions" population sample for the next sample draw at the beginning of the second 3-year monitoring period. In comparing the 2009 aerial photography against the 2013 aerial photography, no new incursions were identified, in the routes without existing, active incursions population sample.

One route (SC99) in the field monitoring sample was found to have a discrepancy in length based on actual on-the-ground conditions. The mileage for SC99 was reduced from 2.44 miles to 1.38 miles.

One route (Boulder Corridor pole-line route) in the aerial sample was found to be located adjacent to, but outside of the WEMO planning area. This route was removed from the protocol monitoring strata.

**DEVIATION FROM PROTOCOL AND/OR RECOMMENDATION FOR CHANGES TO THE PROTOCOL OR VARIABLES:**

BLM personnel who conducted the Year 2 protocol monitoring did not identify any necessary deviations from the protocol or recommend any changes to the protocol or variables.



# Attachment 2

## Year 2 Protocol Monitoring Map

- Legend**
- Aerial Reviewed Routes
  - GPS Monitored Routes
  - OHV Areas
  - Bureau of Land Management
  - Forest Service
  - National Park Service
  - WEMO Subregion Boundaries
  - Department of Defense
  - State
  - Unclassified
  - Fish and Wildlife Service

