

Southern Arizona Project to Mitigate Environmental Damages Resulting from Illegal Immigration



2005 End-of-Year Report



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TO
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**2005 End-of-Year Report
Bureau of Land Management (BLM)**

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2005 End-of-Year Summary

Introduction

Fiscal Year (FY) 2005 was the third consecutive year for which funding was specifically provided by Congress: “Flexible funding of \$986,000 is provided for undocumented alien mitigation as described in House Report 106-646 (June 1, 2000). This includes removal of trash, abandoned vehicles, repair of environmental and safety hazards caused by illegal border activities” in Arizona.

In FY2005, the number of illegal immigrants (undocumented aliens “UDA”, undocumented immigrants “UDI”, or undocumented migrant “UDM”) that were arrested on Federal and Tribal lands in southern Arizona once again increased. The thousands of illegal immigrants and the increased illegal smuggling activities related to human and drug trafficking continue to cause very serious impacts to federal, tribal, state, county and private lands in southern Arizona, especially within the borderland zone 100 miles north of the US-Mexico border. Anecdotal reports now indicate that illegal immigrant trash areas are expanding into Pinal, Yavapai and Maricopa Counties.

Thousands of roads and trails are being illegally established; gates are rammed and range improvements are damaged. Thousands of acres are covered by clothing, water bottles, sanitation items, personal valuables and many categories of trash left at pickup-spots or lay over areas. The accumulation of disintegrating toilet paper, human feces, and rotting food also represents health and safety concerns to the members of the Tohono O’odham Nation whose members live on the reservation, to ranchers and other residents, and to public land visitors. The photographs in the attached Appendices illustrate the nature of this litter. Appendix J provides a description of the categories of trash as well as photographs of the variety of discarded items that are widespread to the borderlands.

Illegal roads and trails fragment habitat, destroy vegetation and springs, cause erosion and leave unsightly scars which, if not rehabilitated, will last for decades in areas which were pristine less than a decade ago. The presence of trash, as well as concerns about safety, now reduces the attractiveness of southern Arizona’s premier recreational lands.

Smuggling vehicles not only ram gates and tear out livestock fences or barricades, they also result in tires, batteries, gas cans and seats scattered across the landscape. Abandoned and often burned vehicles are difficult and costly to remove with great care needed to avoid further damage by the removal. Like trash removal, vehicle removal and the repair of resulting damages require a continuing effort. Even though hundreds of vehicles have been removed, hundreds need removal.

The impacts of warming and cooking fires by illegal immigrants cannot be overlooked. These not only escape and destroy vegetation and wildlife habitat and cause a safety hazard to people, but they increase the costs of suppressing fires and increase the requirements for prescriptive burns.

Additionally, the costs of undertaking agency and tribal missions, whether permitting uses or monitoring and restoring habitats, are increasing and the safety assuredness of employees and fire fighters, residents and ranchers is a growing concern.

It has been estimated that each immigrant discards at least eight pounds of trash on his/her journey through southern Arizona. On this basis, with over 577,000 immigrants stopped in FY2005 by the U.S. Border Patrol (USBP), almost four million pounds of trash were left on federal and tribal lands in southern Arizona by those detained. Add to this the number of illegal immigrants that were not apprehended but left trash on these lands, and add this to the accumulation of trash over the last six years, and we now have an understanding of the scope of the mitigation required.

Fortunately over the last three years, we have begun to mitigate the impacts of illegal smuggling thanks to the supplemental appropriations made available for this purpose. The Bureau of Land Management (BLM) and all of its partners greatly appreciate this support which was initiated by Congressman Jim Kolbe and supported by the Arizona Congressional Delegation and other members of Congress.

Fiscal Year 2005

Funding provided in FY2004 came late in the year and therefore unfinished work was carried into FY2005. The FY2004 carryover projects, as well as the FY2005 work, are reported in the following summary and Appendices. Funding provided in FY2005 supplemented ongoing efforts and permitted expansion into other areas and partnerships. Work accomplished in FY2005 included trash removal of tons of material; rehabilitation of illegal roads, trails and impacted washes; replanting burned out areas; repairs for fencing, gates and barriers; cattle guard and barrier construction; and other projects.

Once again BLM partnered with other agencies, non-governmental groups, counties and towns, and the Tohono O'odham Nation. These partners and other volunteers picked up trash left by smugglers and illegal immigrants and repaired the damages caused by them. Some groups such as the Humane Borders and Sky Island Alliance organized and carried out regular visits to remove trash or repair damage. Arrangements have been made with several sanitary land fills to receive the trash. Trash bags, gloves and other protective equipment have been purchased and distributed to those who are helping with this effort. Beginning in 2005 and continuing into 2006, the U.S. Border Patrol is pilot-testing an effort to distribute thousands of trash bags to local agents for use by the illegal immigrants when detailed by agents.

Individual agency reports follow with detailed information in the Appendices which follow.

Bureau of Land Management

Arizona Border Security Detail

In FY 2005, BLM enforcement from Arizona was provided approximately \$103,000 of this funding to provide security for crews completing cleanup and rehabilitation of lands in southeastern Arizona, and to provide emergency care to any persons found in distress in the southern Arizona deserts. Other indirect goals were to increase the law enforcement presence in

order to serve as a deterrent for undocumented immigrant and drug smuggling, prevent additional resource damage and trash dumping, and provide increased visitor and employee safety on public lands.

In April 2005, southeastern Arizona experienced the Minutemen Project. This activity consisted of approximately 900 volunteers who patrolled the border over a 30-day period. The group was especially active in the San Pedro National Conservation Area. There was extensive media coverage locally and nationally. BLM Law Enforcement presence was increased and a coordinated effort was made with other law enforcement agencies to prevent serious incidents. The successful planning of law enforcement contributed to the fact that there were no serious incidents of violence throughout the duration of the Minutemen Project.

Rangers from the El Centro Field Office regularly assisted the Yuma Field Office in patrolling the border areas. Agents from the Arizona State Office and rangers from other Field Offices in Arizona assisted the Gila and Phoenix Districts. Including the rangers that normally patrol the border areas, there were a total of 2,247 hours of overtime worked during Fiscal Year 2005.

Listed below are the highlights and statistics from this time period taken from Significant Activity Reports:

• Stolen Vehicles Recovered	68
• Vehicles Impounded tied to UDI Smuggling	121
• Undocumented Immigrants Detained for USBP	597
• Pounds of Marijuana Seized	924
• Assaults of Ranger (By Vehicle)	2
• Weapons Seized	8
• Backup to Assault of Border Patrol Officer	4
• First Aid Provided Injured Persons	41
• Assist on Recovery of UDI Exposure Fatalities	3
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BLM Phoenix Field Office

The Phoenix Field Office (now called the Lower Sonoran Field Office of the Phoenix District) received \$189,000 to clean up trash areas, replace gates with cattle guards, maintain roads damaged through use by smugglers, remove abandoned vehicles, stabilize illegal roads, upkeep warning signs and support Student Conservation Associates (SCAs) and youth crews involved in the clean up. Much of the focus of the effort was within the Sonoran Desert National Monument. Detailed project reports and photographs may be found in Appendix A:

- Over 50 miles of illegal roads and paths were rehabilitated in the 2004/2005 program;
- The Vekol Valley and Bates Well roads were improved from unsafe conditions to make them usable and safe for public land visitors;

- Cattle guards were installed in place of gates that were being destroyed or left unlocked;
- Approximately 100 abandoned vehicles were removed;
- 325 abandoned bicycles were removed;
- Signs warning the public were maintained or installed;
- Tons of trash were picked up through the SCA-Youth Corps programs and sites were identified for major 2006 removal work.

Phoenix/Lower Sonoran Field Office Partnerships

- New partnership agreement was completed in FY2005 with the International Sonoran Desert Alliance (ISDA) focused on maintaining the public lands in the Ajo area. ISDA is rehabilitating roads especially through vertical mulching techniques. Their work continues into FY2006.

BLM Safford Field Office

The Safford Field Office (SFO) received \$107,000 in FY2005, which was used to supplement existing assistance agreements with the National Park Service (NPS) and U.S. Fish and Wildlife Service (FWS). Work continued as carryover from FY2004 with Cochise and Graham Counties, and the Malpai Borderlands Group (MBG) to clean up trash left and repair damage caused by smugglers and illegal immigrants.

- These agencies and group and their volunteers (as well as BLM staff) removed thousands of pounds of trash and rehabilitated washes and roads;
- They repaired roads, fences, gates, cattleguards and installed a vehicle barrier.

Please see more on the accomplishments for the NPS, FWS and MBG in the summary below and project details in Appendices F, G and J.

BLM Tucson Field Office

The Tucson Field Office (TFO) administered \$505,000 to address land degradation from illegal immigration in FY2005. This funding was used to start three new partnership agreements, continue existing assistance agreements, and support project work ranging from vehicle barriers to signing. Projects accomplished with this funding are outlined in detail in Appendix B for the Ironwood Forest National Monument (IFNM), Appendix C for the Las Cienegas National Conservation Area (LCNCA), and Appendix D for the San Pedro Riparian (SPRNCA).

Student Conservation Association, Youth Groups and Tucson Field Office Support

The Student Conservation Association (SCA) interns or associates are the core of much of TFO's program. At least four SCAs are in place working in teams of 2. Because of the remoteness, desert conditions and illegal smuggling activities, the BLM provided SCA interns and volunteer crews with a range of safety and communication equipment. Providing the necessary training and

communication is time-consuming and expensive, but necessary as part of the mitigation efforts, and this involved:

- Safety Training, Equipment and Supplies
- Purchasing toilet system to dispose of human waste
- Providing or purchasing cameras, GPS units and binoculars
- Providing safety equipment from gloves to first aid kits
- 80-hour medical training (Wilderness First Responder)
- 4 new satellite phones, 7 handheld radios, cell phones
- 3 laptop computers

A significant amount of the SCA intern time was spent in organizing and working with a variety of organizations and groups to do cleanup and repairs: see the list of Service Projects below, the utilization of the Youth Corps and many other projects. In addition, the four SCA interns spent more than 123 hours by themselves cleaning up trash left by smugglers and illegal immigrants (totaling over 70 cubic yards). They also rehabilitated illegal routes and other damaged areas. (See Appendices B, C, and D)

Youth Corps of Southern Arizona

The Youth Corps of Southern Arizona (YCOSA), was utilized for several weeks of mitigation. These YCOSA crews are able to travel to distant, remote locations on rough roads and spend several days working in the area. Because they are self sufficient and camp in these areas, they can rehabilitate many places that are logistically impossible to rehabilitate using volunteers. These crews worked all over the TFO. Their projects are detailed in the Appendices B, C and D. Examples:

- YCOSA crews worked 9 days in the SPRNCA circa November 16-19, 2004 and March 28-April 1, 2005 cleaning up 275 bags of trash (137.5 cubic yards);
- YCOSA crew, March 21-April 1, 2005, worked in the IFNM on a four-strand barbed wire fence along the western side of Waterman Rd. The fence is intended to limit smuggling vehicles to the Waterman Road corridor where the road travels through an endangered species habitat (*Echinocactus horizonthalonius var. nicholii*). Participants were able to construct more than two miles of fence along this road;
- YCOSA crew worked in LCNCA on April 3-7, 2005 removing 178 bags of waste (approximately 89 cubic yards);
- Community Learning Adventure Service Project (CLASP) affiliated with YCOSA, December 6-10, 2004. The crew of 12 worked 186 hours collectively to gather and dispose of 124 bags of trash. They also met with volunteers and community speakers on the land to learn about smugglers and illegal immigrants and to talk about immigration in this area. Through these educational sessions and practical work experience, the crew became intimately familiar with, as well as remediated the impacts of undocumented immigration in southern Arizona.

Service Organization Volunteer Projects

Several organizations have provided significant service hours to remediate the impacts caused by smugglers and illegal immigrants on public lands (see Appendices B, C and D for examples).

- Humane Borders provided regularly scheduled project work and 724 service hours to clean up 86 cubic yards of trash from the IFNM;
- BorderLinks, a not-for-profit organization that conducts travel seminars focusing on the issues of Mexican border communities, performed a volunteer clean-up on the IFNM. On June 6, 2005, 13 volunteers logged a total of 19.5 volunteer hours to clean up 30 bags of trash, approximately 15 cubic yards;
- The Tohono O'odham Nation (the Nation) and IFNM SCA Joint Clean-up Project on September 21, 2005, members of the Nation Solid Waste Management UDI Remediation Crew worked with BLM SCAs to clean up the boundary of the Monument and the Tohono O'odham Reservation. The combined crews collected 46 bags of trash over an eight hour period.

Waste Collection Contract

To ensure waste disposal for SCA, volunteer, other organizations and illegal immigrants who choose to use these, Tucson expanded its collection effort:

- Five (5) roll-off dumpster locations have been established;
- Since October 1, 2004, fifteen 30-cubic yard roll-off containers have been filled and removed; approximately 38.22 tons.

Cattle Guards

- Four cattle guards were purchased (2 in the IFNM and 2 for the LCNCA) replacing existing cattle guards or destroyed gates, reducing trespass cattle.

The Narrows Project

- Rock was purchased and delivered for armoring the stream bottom of the Narrows at the LCNCA.

This project will be implemented in FY2006, once the project design provided by contribution of the Phelps Dodge Corporation and the subsequent environmental analysis steps are completed.

Sanford Crossing Project

- The contract for installing the pipe rail vehicle barriers at the Sanford Crossing at the LCNCA was awarded. Sky Island Alliance completed the barrier in December 2005.

US Border Patrol (USBP) Pilot Trash Bag Program

- TFO purchased \$16,000 worth of sturdy lime-green trash bags designed for heavy-duty use by BLM, partners and groups. TFO established a pilot program with the USBP. Each BP vehicle in the Tucson Sector will be issued 10 trash bags. TFO has developed a recording sheet to track the use of these trash bags. The concept behind this program is to send the bags to where the trash is being generated. There has been much interest in this approach and TFO looks forward to reviewing the results.

Tucson Field Office Partnership Agreements

- Two new inter-governmental agreements were completed: one with the FWS for the Buenos Aires National Wildlife Refuge (NWF) for \$14,000 and one with NPS for the Coronado National Monument for \$16,000;
- One new cooperative agreement was signed with Pima County for \$35,000;
- An additional \$30,000 was transferred to the Town of Marana to continue work under the existing assistance agreement.

See sections for counties and other federal agencies in the summary below. Work related to these agreements will also carry over into FY2006.

Town of Marana

The Town of Marana (Marana or the Town) is the gateway community for the IFNM which has been in a partnership with the town for the past three years. Under this agreement, Marana has been performing significant clean-up and revegetation projects in and around IFNM to remediate the impacts from illegal smuggling through this area. Marana received \$30,000 in FY2005 for labor, supplies, tools, equipment and work performed to remediate the impacts of illegal immigration. The Town performs weekly clean-up work on lands within and bordering the Monument. Their average weekly collection is 1,100 pounds of litter. This waste was collected and delivered to the Tangerine Landfill.

- Since October 2004, Marana disposed of over 30,000 pounds of trash. See Appendix B for project detail;
- Marana has also filled and disposed of two 30-cubic yard roll-off dumpster of tires.

The Town has voluntarily taken on the task of removing the tires from the rims, as required for disposal. They perform this not only on the tires they collect, but on the many truck loads of tires collected by SCAs and BLM staff from IFNM.

BLM Yuma Field Office

The Yuma Field Office was provided \$69,000 in FY2005.

- YFO restored an 8-acre border area along the Colorado River probably burned by illegal immigrants.

A crew of 10 from the Youth Corps of Southern Arizona assisted Yuma BLM staff from March 6 to 17, 2005 with the planting of 175 cottonwood and willow trees (native vegetation) from sprouted pole stock along with 880 potted mesquite trees. Wire cages were constructed around each tree for protection from beavers and rabbits and a temporary irrigation system was established.

The tree pole plantings exhibited a 50% survival rate. The average survival rate for tree pole plantings is 5-10%. As a result of the success rate for the pole stock, this project will be used as a model to formulate site selection criteria for future restoration projects. The survival rate for potted tree stock was approximately 20%. A contributing factor to the survival rate of the potted stock was browsing by rabbits before the protective cages could be installed.

See Appendix E for additional details and photos.

National Park Service (NPS)

NPS Fort Bowie National Historic Site

The BLM Safford Field Office signed an assistance agreement with the National Park Service (NPS) to continue work at the Fort Bowie National Historic Site and added an additional \$25,000 during FY2005 to the assistance agreement. The total amount of UDA trash removed in FY2005 was over 876 pounds with some pounds taking great efforts to haul away.

- NPS personnel monitored nine UDA activity sites. Only one site (Site 8) in the mouth of Siphon Canyon continued to show heavy UDA use;
- Hauled out 325 pounds of UDA trash from the mouth of Siphon Canyon consisting of backpacks, personal items and food and water containers;
- Removed over 43 lbs of trash from a canyon on the north side of Helen's Dome;
- Removed another 85 pounds of trash and two car seats from Apache Pass Road;
- An interagency effort removed 423 pounds of UDA trash from Bear Springs Canyon.

The NPS staff combined efforts with the Forest Service to remove UDA trash from Bear Springs Canyon (which is BLM land) just east of Fort Bowie. In April, a YCOSA (Youth Corps of Southern Arizona) crew and Park Service employees cleaned the canyon for nearly two and half miles. It was apparent that Bear Springs Canyon had been used by UDAs for years. In certain

areas of the canyon the trash was over two feet deep. Over 423 pounds of UDA trash (18 large bags) was packed to a saddle on the ridge and flown out by a Forest Service helicopter. Included in this amount were numerous backpacks, clothing, personal effects and food and water containers. After the canyon was cleaned up, NPS noticed a significant decrease in UDA traffic through Bear Springs Canyon.

See Appendix F for photos and additional details.

NPS Coronado National Memorial

The BLM Tucson Field Office signed an inter-governmental agreement with the Coronado National Memorial (CNM) for \$16,000 late in FY2005, so carryover projects will be completed in FY2006.

CNM encompasses approximately 5,000 acres along three miles of the US-Mexico border. The NPS, USBP, and other law enforcement agencies detained over 7,000 undocumented aliens and seized nearly 25,000 pounds of marijuana in the park in 2003.

The impacts of illegal border activities include damaged fences, miles of unauthorized foot trails, soil compaction and erosion, trampled vegetation, and piles of trash and human waste. A limited field survey in 2003 documented 70 trails crossing a 1.2 mile east-west transect parallel to the main road that bisects the park. Trespass cattle enter the park through the damaged fences, wildfires are started by UDAs, and abandoned mines are used as hideouts, camp sites, and caches.

In FY2006, CNM will capitalize on the volunteer resources available in the local area by hiring four SCA resource assistants, working in teams for 12 weeks each to document impacts, coordinate cleanup efforts, and begin restoration work.

The SCAs will locate, document, and help develop a GIS database of UDA impacts on the park including illegal trails, trash sites, and damages to natural and cultural resources. The SCAs will also coordinate and lead efforts with local groups (such as military units from Fort Huachuca, scouts, and other volunteers) to clean up trash and repair damaged fences in the park. In addition, the SCAs will coordinate the production, purchase, and installation of signs that will advise visitors of safety concerns along trails, indicate administrative road closures, and clearly mark the international boundary fence. Finally, the SCAs may also develop an exhibit to inform visitors about border activities, their impacts on cultural and natural resources, and the park's efforts to provide for visitor safety and mitigate resource impacts.

U.S. Fish and Wildlife Service (FWS)

FWS Leslie Canyon National Wildlife Refuge (NWR) and San Bernardino NWR

The BLM Safford Field Office entered into an assistance agreement with FWS at San Bernardino and Leslie Canyon National Wildlife Refuges for \$20,000 in FY2005. All of this funding was used in FY2005.

- Just over seven thousand dollars (\$7,257) was used along with FWS funding to hire a term position employee that cleaned up and disposed of tremendous amounts of trash and human waste on the two refuges;
- \$10,000 was used to help install a total of 1,200 feet of corten steel vehicle guard rail at Leslie Canyon National Wildlife Refuge.

The barrier prevents vehicles from leaving the county road and accessing remote areas on the refuge to pick up illegal immigrants and narcotics. This unlawful trend has resulted in damage to sensitive riparian areas by illegal immigrants, has led to the take of federally-listed threatened and endangered species, and has put staff, refuge visitors, and illegal immigrants at risk from overloaded vehicles which have left the roadway.

The 1200 feet of vehicle barrier supplements 550 feet of guardrail that was installed during 2004. As a result, illegal vehicle access has been stopped along a major portion of Leslie Creek previously used by smugglers. Vehicle accidents and resulting human injury have been stopped along this stretch of roadway, native vegetation is healing, and the potential for contamination to the stream (and to endangered fish, plants, and amphibians) has been greatly diminished.

See Appendix G for additional details and photos.

FWS Buenos Aires National Wildlife Refuge

The BLM Tucson Field Office signed an inter-government agreement with Buenos Aires NWR for \$14,000 late in FY2005 to fund the following carryover project work in FY2006: (1) remove abandoned vehicles, (2) supply staff and volunteers with tools to repair damaged fences, and (3) provide supplies for removal of debris left by illegal immigrants.

Buenos Aires National Wildlife Refuge stretches from the U.S./Mexico border to twenty-five miles north of the international boundary. Border Patrol estimates that several hundred to thousands undocumented aliens enter or cross the refuge every day.

Law enforcement efforts recently increased east and west of Buenos Aires NWR, resulting in even more illegal activity on the refuge than the large amount of recent years. In the year 2001, GIS analysis and aerial imagery revealed 1,315 linear miles of UDA trails on the refuge, including 117 individual trail crossings at the 4.5-mile international border. This translates to 280 acres of complete denudation, much of which is in fragile and valuable riparian habitat. Presently 20 abandoned vehicles need to be removed. Some vehicles are blackened by being set afire, and many are in remote and off-road areas. Removal is difficult and costly. The amount of trash (litter, clothing, water bottles, human waste) is unsightly to visitors and unsafe for wildlife. In 2004, resident and guest volunteers at Buenos Aires spent more than 3,000 hours in litter clean-up, removing tons of waste.

Cochise County

The BLM Safford and Tucson Field Offices have signed assistance agreements with Cochise County for mitigation project work. In FY2005, Cochise County continued to complete ranch

cleanups funded by an additional \$20,000; this work will continue into FY2006. Various non-profit organizations residing within Cochise County participated such as Boy Scout Troop, local high school students, church organizations, Rotary clubs, and youth groups as well as the Youth Corp of Arizona (YCOSA.). Accomplishments:

- 11.5 tons of refuse from eleven separate locations with at least 40% being removed from 5 ranch sites.
- Monitoring is occurring on some sites especially along state routes.

Cochise County reports that it appears that in areas being monitored, smaller amounts of trash are being deposited at a slower rate. State highway 90 and 92 are scenic routes, and the trash pickups have enhanced tourism and photo opportunities. See Appendix H for specific projects and photographs.

Graham County

BLM Safford Field Office entered into an assistance agreement with Graham County for \$30,000 in FY2004 and this work continued into FY2005. Much of the FY2005 work to identify sites and plan for clean up and restoration was done with the Southeastern Arizona Clean and Beautiful (SEACAB) efforts.

- Near Safford, in January approximately twenty-five volunteers from SEACAB, the County and others removed an old building, picked up trash and gated the site to discourage vehicles from the entering area.

The County roll-out container was filled up with debris and refuse that was scattered about an abandoned house west of Eight Avenue and north of Highway 70 in Safford. The County furnished a front end loader to tear down the house and assist in loading all the larger items in the roll off dumpsters to be hauled away to the landfill. This area was somewhat hidden by trees ideal for various illegal activities to take place. The site is being used as shelter by illegal immigrants and other transients.

- Near Franklin, Railroad Wash was cleaned up last September by a group of SEACAB volunteers and BLM personnel who removed 16 bags of trash including a bicycle tire and trim. The trash was hauled to Safford city landfill.

The crew removed trash strewn along an unimproved roadway/two tire track from the highway approximately eight to ten miles back to a windmill site. Trash included a trail of water bottles found along railroad tracks and roadway plus miscellaneous day packs, blankets, and clothing items. The windmill was an obvious collection point, although trash appeared to be old. Day packs were found thrown into the middle of large bushes or trees to avoid being seen.

See project details and photographs in Appendix I.

Pima County

BLM Tucson Field Office signed an assistance agreement with Pima County Natural Resources Parks and Recreation for \$35,000 late in FY2005. This funding will allow the County in FY2005-2006 (1) supply staff and volunteers with tools to repair damaged fences, (2) provide supplies for removal of debris left by illegal immigrants, (3) hire additional temporary (intermittent) help to organize and perform clean-ups, fence repair, and rehabilitation efforts (4) replace existing damaged gates with other structures and (5) reach remote sites to collect and transport out litter and vehicles, and repair fence breaks.

Pima County covers over 9,000 square miles north of the U.S./Mexico border. Several major highways cross the county. USBP estimates that thousands of UDA's enter or cross the county every day. Traffic includes smuggling of UDA's and illegal drugs. As Pima County purchases additional open space lands and as the rate of smuggling and therefore law enforcement activities increase, the county will experience more damage. Impacts to county lands are similar to other land-managing agencies and ranchers ranging from fence and gate damaged and abandoned vehicles to waste accumulation, erosion and habitat fragmentation.

Malpai Borderlands Group

The BLM Safford Field Office first entered into an assistance agreement with the Malpai Borderlands Group in FY2003. This group has focused on repairing watershed and road damages as well as removing tons of trash from area ranches. The Malpai Borderlands Group (MBG) focuses on the area illustrated in Appendix J.

Within this area of southeastern Arizona and the edge of New Mexico, workers employed by the MBG traveled 8,932 miles in their efforts to repair damaged roads, remove trash and repair fences, etc. Working with local ranchers and reports from the Border Patrol, these men often walked great distances to clean up areas.

- The crew removed 8 to 10 bags of trash each day, working most 5-day weeks in the year

Not surprisingly, the MBG and their workers are very familiar with the nature of the trash being left behind on the area's ranches. A full description is provided in Appendix J along with photographs that illustrate the items.

The MBG reported an observation made by others such as the Tohono O'odham Nation which is that some areas once cleaned, remain free of trash. Why this reuse does not occur may be because the coyotes or smugglers are aware of the presence of others on the ground and avoid these areas. The MBG and others continue to monitor areas once cleaned and remove new trash.

In the future, the MBG will focus on fencing, road work and repairs to range improvements such as cattleguards and drift fences.

See Appendix J for project details.

The Tohono O'odham Nation

A total of \$130,000 was spent on the Undocumented Migrant (UDM) Clean-up Project in FY2005. The Solid Waste Management Program of the Natural Resources Department of the Tohono O'odham Nation (the Nation or Tohono O'odham) received \$50,000 from the BLM for the UDM Clean Up Project. In addition, the U.S. EPA Region IX provided \$50,000 and furthermore the Nation provided an additional \$30,000 of program funds to supplement efforts to assure success.

In FY2004, the BLM Arizona State Office and the Nation entered into a five-year cooperative agreement to address the problem. An initial \$50,000 was provided as the first year of funding and the work completed in FY2005 is reported in Appendix K. The purpose of the cooperative agreement is to mitigate damage caused by illegal immigration within the Nation by removing trash and rehabilitating and restoring natural resources damage caused by illegal immigrants.

The Nation has 2.8 million acres of tribal land, nearly the size of the State of Connecticut and 75 miles of remote international border. There have been as many as 1,500 illegal immigrants that cross onto the reservation each day, according to a June 2004 Government Accountability Office report. In FY2005 the US Border Patrol (USBP), Casa Grande Station reported that 77,261 UDMs were arrested on the Nation's land. In addition, 129,135 pounds of marijuana, 879 pounds of cocaine, 51 vehicles and \$32,500 in cash were seized. These numbers, as reported by the USBP, indicate the level of activity on the Nation's lands. Actual numbers of crossings per day of UDM's and smugglers can only be estimated.

Description of Approach:

A number of forms were developed to assist in tracking date, time, mileage and cost of fuel, site locations, number of bags collected and comments. Weekly and monthly reports were prepared for documentation and activity progress.

The biggest initial challenge was locating sites. Also initially, the lack of four-wheel drive vehicles and communication equipment was identified as critical problems. This was immediately addressed by purchasing two-way radios and reconditioning Tohono O'odham Police Department and other Tribal program out of service four wheel drive vehicles.

Site locations were based on information received from community members, district representatives and Tribal program staff, including Departments of Natural Resources, and Public Safety and the USBP.

Once located, general information was noted about the locality, site description and the number of trash bags collected. Photographs were taken before and after the debris removal. A standardized bag size and color was used to track the volume of waste removed. Volume removed was recorded as a bag count and transported back to the Solid Waste Management Program's yard and stored in 40-yard bins for waste composition analysis and disposal.

Site Details – 84 sites cleaned, 1,420 bikes removed and 45 tons of trash picked up:

UDM sites are often difficult to locate because illegal immigrants frequently travel in washes or use pre-existing trails and roads. An interesting discovery is they travel at night on bicycles in the western region of the Nation. Upon examination of locality and types of trash found, it has been determined that many of the large waste sites are holding areas where UDM wait for pick up by smugglers. This determination was based upon the proximity to the roads and the amount of clothing, back packs, blankets, food items, documents such as; birth certificates, marriage licenses, vehicle titles, bus and plane tickets, Mexican voter identification cards. Black tarps and black trash bags are used to hide from USBP helicopters.

Often abandon and stolen vehicles are found in places where the vehicles break down or get stuck in the washes or impassible dirt and sandy roads. Plastic water bottles ranging from quarts to five gallons are found at random locations on roads and trails. All personal identification documents are turned over to the Tohono O'odham Police Department for further investigation.

UDM campsites are usually pick up and drop off points that are located near communities. These sites include abandoned buildings, vehicles, as well as behind community churches and residence homes. Washes that have mesquite bosques are commonly used as hiding places due to the tree canopy.

Several identified areas were extensively covered with waste that had accumulated over the years of activity and with no clean up efforts. Fire pits were built at these sites that represent a threat of wildfires. The accumulation of disintegrating toilet paper, human feces, and rotting food also represents health and safety concerns to the members of the Nation.

About four months into the project, the UDM clean up crew were able to start revisiting the sites known as high traffic pick up points and discover extensive waste left behind by the illegal immigrants. These areas appear to be regular pick up points.

UDM Crew Safety Concerns:

Since the beginning of the project, there have been concerns for the safety of the UDM clean up crew. This crew crosses paths with UDMs and drug and people smugglers that are using the Nation land as a route to their final destinations into the US. In these cases the crew quickly back off and report the incident to the program's administrator, who in turn reports to the USBP.

Security concerns have always been a problem due to the vast amount of land that the crew works and the remoteness of the areas that they clean. Clear radio or cell phone signals are often a problem making communication back to the dispatch office impossible. Security protection from law enforcement agencies is not provided at the clean up sites. Crew members are taught that common sense and being aware of your surrounding are the keys to performing these clean up efforts safely.

Conclusion and Future Goals:

The Nation has been aggressive in addressing the UDM clean up efforts. The Nation's Natural Resource Department staff are using global positioning systems and mapping software to map and monitor all identified sites, abandon vehicles and bicycles of undocumented migrants. Preservation of the O'odham lands and natural resources is a major priority and is a reflection of the close relationship that the O'odham have with their environment. In FY2005:

- 84 sites were cleaned up; some monitored and re-cleaned
- 4005 bags were filled with UDM trash, 45 tons of waste in past 12 months.
- Quality backpacks and clothes have been sorted and stored for future recycling
- 1420 bicycles removed. Some are being stored; some are being recycled through BICAS of Tucson, a non-profit bike repair and reconditioning non-profit organization which promotes bicycling as a low cost non-polluting mode of transportation.

The majority of this waste has been discarded at the Pima County Tangerine Road landfill and the City of Tucson's Los Reales Landfill. Identification papers turned over to the Nation Police Department for further investigation.

The Tohono O'odham Nation has estimated that it needs \$200,000 for its annual program. With some anticipated funding through this program, the Nation will monitor sites cleaned up and remove new trash. The program will expand into more remote areas, especially to remove and recycle abandoned vehicles, working with the USBP to locate new sites. Additionally, program workers will utilize global positioning system (GPS) data recording and mapping of all sites for better coordination with different agencies and monitoring of activities. See Appendix K for an example of the mapping and recording.



Southeastern Arizona: Area with Archaeological Sites Impacted by smuggling activities.

Appendix A
FY 2005 Border Projects
BLM—Phoenix District and
Sonoran Desert National Monument

Project Name: **Operation and Maintenance of Roads - Vekol Valley Road and Bates Well Road.**

Unit Name: Sonoran Desert National Monument (SDNM) and Bates Well Road (Ajo)

Date of Project: August, 2005

Location:

SDNM *Township: 7S. Range: 1E. Section: 22 (beginning point)
 16 miles (2 miles S of I-8 to Table Top Trailhead)*

Ajo *Township: 12S. Range: 6W. Section: 35 (beginning point)
 10 miles (Bates Well to Organ Pipe Cactus NM boundary)*

Participants: Bureau of Land Management (BLM), Phoenix District Force Account crew

Project Coordinator: Eugene A. Dahlem, Manager, SDNM

Description of Project: Because of heavy use by drug and UDA smugglers, regardless of weather, and the subsequent law enforcement effort (Border Patrol, BLM Rangers and others), these roads rapidly deteriorate in condition. Some spots become unsafe to travel. Both roads were bladed with a road grader in August 2005 to make them usable and safe for law enforcement and public land visitors.

Results: BLM Law Enforcement Rangers, Border Patrol and other agencies, as well as the visiting public, traverse these two roads in comparative safety.

No photos available of this operation.

FY 2005 Border Projects Phoenix District - SDNM

Project Name: **Illegal Road Rehabilitation**

Unit Name: Sonoran Desert National Monument (SDNM)

Date of Project: Ongoing

Location: Throughout the monument's affected area, south of Interstate 8.

Participants: Bureau of Land Management (BLM) Phoenix District

Project Coordinator: Eugene A. Dahlem, Manager, SDNM

Description of Project: The Student Conservation Association (SCA) interns will be rehabilitating illegal roads created by UDIs and smugglers traveling cross country. This will involve eliminating the entry and exit points of the illegal roads, rendering them not visible to travelers on the main roads and thus eliminating further use by vehicles. The "invisible" sections are thus afforded the opportunity to naturally rehabilitate. Techniques used at the entry and exit points will include raking out of tire tracks as well as vertical mulching (see ISDA write up). The efforts of the 2004 SCA interns were very successful in eliminating the entryways to illegal roads. The "before" picture below was used in the 2004 report and illustrates the typical illegal road entrance or exit. The after picture illustrates the results after the vehicle tracks are raked out and nature has an opportunity to "do her thing." Over 50 illegal roads and paths were rehabilitated in the 2004/2005 program, and it is likely a similar amount will be addressed in 2005/2006.

Results: See above discussion.

Before



After



FY 2005 Border Projects Phoenix District-SDNM

Project Name: Cattle Guard Installation – Area A Gate 10A

Unit Name: Sonoran Desert National Monument

Date of Project: June 2005

Location: *Township: 8S Range: 1E Section: 18*

Participants: Bureau of Land Management Phoenix District

Project Coordinator: Eugene A. Dahlem, Manager, SDNM

Description of Project: Smugglers and UDAs traveling the back roads into Area A of SDNM were leaving the gates open, allowing livestock to enter this protected area. Cattleguards were acquired in FY 04 with “border funds” and installed in FY 05 with Phoenix District funds. Because the cattle will be removed from the allotment in a few years, the cattleguard was installed in a temporary manner (i.e., without concrete bases and on the surface) so that it can be removed when no longer needed.

Results: Smugglers and UDAs continue to leave the gate open, but the cattleguard is doing its job in keeping livestock out of Area A

Before



After



FY 2005 Border Projects Phoenix District - SDNM

Project Name: Cattle Guard Installation, Area A, Gate 11A

Unit Name: Sonoran Desert National Monument

Date of Project: June 2005

Location: *Township: 8S Range: 1E Section: 30*

Participants: Bureau of Land Management Phoenix District

Project Coordinator: Eugene A. Dahlem, Manager, SDNM

Description of Project: Smugglers and UDAs traveling the back roads into Area A of SDNM were leaving the gates open, allowing livestock to enter this protected area. Cattleguards were acquired in FY 04 with “border funds” and installed in FY 05 with Phoenix District funds. Because the cattle will be removed from the allotment in a few years, the cattleguard was installed in a temporary manner (i.e., without concrete bases and on the surface) so that it can be removed when no longer needed.

Results: Smugglers and UDAs continue to leave the gate open, but the cattleguard is doing its job in keeping livestock out of Area A.



Before (not available)

After



FY 2005 Border Projects Phoenix District - SDNM

Project Name: Cattle Guard Installation – Area A, Freeman Road Gate

Unit Name: Sonoran Desert National Monument

Date of Project: June 2005

Location: *Township: 7S Range: 1W Section: 11*

Participants: Bureau of Land Management Phoenix District

Project Coordinator: Eugene A. Dahlem, Manager, SDNM

Description of Project: This site, Freeman Road Gate into Area A, had only a standard range gate, that is, 4 strands of barbed wire, which, like all gates into Area A, was kept locked. Smugglers and UDAs traveling the back roads through Area A of SDNM were simply driving through the gate, destroying it. That left the gate inoperable and allowed livestock to enter protected Area A. Each time the gate was destroyed, which was frequently, the site was left without a means to prevent livestock entry to protected Area A. In this project, a steel pipe lockable gate with steel pipe gate posts, and a temporary cattleguard were installed. The cattleguard was acquired in FY 04 with “border funds” and the pipe was acquired with FY 05 border funds. Installation was carried out with Phoenix District funds. Because the cattle will be removed from the allotment in a few years, the cattleguard was installed in a temporary manner (i.e., without concrete bases and on the surface) so that it can be removed when no longer needed.

Results: Smugglers and UDAs continue to leave the gate open, but the cattleguard is doing its job in keeping livestock out of Area A. Additionally, when the gate is found open by BLM staff, it can be closed and locked, whereas before, a new gate had to be constructed each time, meaning there were extended periods when there was no gate to close.

After

No “before” photo available.



FY 2005 Border Projects Phoenix District - SDNM

Project Name: Abandoned Vehicle Removal

Unit Name: Phoenix District and Sonoran Desert National Monument

Date of Project: Ongoing

Location: Throughout the affected area, public lands south of Interstate 10, and in the Ajo, Arizona area.

Participants: Bureau of Land Management Phoenix District

Project Coordinator: Eugene A. Dahlem, Manager, SDNM

Description of Project: UDA and drug smugglers often abandon (and sometimes burn) their vehicles. In FY 05, over 100 such vehicles were abandoned on the monument and other BLM-administered public land in the area. These vehicles are sometimes along roads, but often in remote areas, since the smugglers often travel cross country, or flee cross country when trying to avoid capture by law enforcement officers. The towing contract allows these vehicles to be removed in a timely manner, and gives BLM control over the methods used. The towing company operator is experienced in this work and carries out his tasks with caution and care for the environment. He creates as little impact as possible.

Results: Approximately 100 abandoned smuggler's vehicles were removed from the national monument and other public lands in the Phoenix District during FY 2005. Smugglers will continue to abandon vehicles on the public land, and they will continue to be removed.

Before



After



FY 2005 Border Projects Phoenix District

Project Name: Abandoned Vehicle Removal (continued)

Unit Name: Phoenix District and Sonoran Desert National Monument



Before



After



Before



After

BLM LE Rangers discovered a "cache" of six smugglers vehicles on federal land. Using the towing contract, the vehicles were confiscated and removed. All were taken out at once to prevent the smugglers from "discovering they'd been discovered" and making off with some of the vehicles.



After

FY 2005 Border Projects Phoenix District

Project Name: Bicycle Removal

Unit Name: Phoenix District and Sonoran Desert National Monument

Date of Project: Ongoing

Location: Throughout the affected monument area, principally south of Interstate 8 and in the Ajo, Arizona area.

Participants: Bureau of Land Management Phoenix District

Project Coordinator : Eugene A. Dahlem, Manager, SDNM

Description of Project: Amazingly, undocumented immigrants often ride bicycles from Mexico cross country on their journey north into the United States. They abandon the bikes at or near their final pickup point and the bikes accumulate at places one might least expect. The Student Conservation Association interns gather these bikes, sometimes walking them one at a time out of remote locations in the Table Top Wilderness Area. They are brought in, often by the truckload, to the District Office. They are donated to Goodwill Industries or other charitable organizations for repair and maintenance and eventual donation to needy families or sale in Goodwill stores.

Results: Bikes will continue to be abandoned on the public lands, and they will continue to be gathered and removed. In 2004-2005, at least 325 bicycles were removed from the public land.



Before



After

FY 2005 Border Project Phoenix District - SDNM

Project Name: Student Conservation Association Internship

Unit Name: Sonoran Desert National Monument

Date of Project: 2005/2006

Location: Throughout affected areas of the monument and surrounding BLM-administered public lands.

Participants: Bureau of Land Management Phoenix District and the Student Conservation Association (SCA)

Project Coordinator: Eugene A. Dahlem, Manager, SDNM

Description of Project: The Phoenix District, using funds provided for the purpose, “employed” two Student Conservation Association (SCA) Interns for a period beginning October 3, 2005 through May, 2006, through an existing Assistance Agreement with the SCA. This current project follows the 2004 project by SCA interns that saw cleanup of major roadways on the monument, rehabilitation of many miles of illegal road, and other mitigation work. The 2005 interns will be cleaning up trash along the major routes on public land in the affected areas, as well as rehabilitating illegal roads, repairing fences, removing bicycles, as well as other border related restoration/reclamation work. Very importantly, they will be coordinating the work to be performed by the Youth Corps of Southern Arizona (YCOSA), which has been contracted with to provide up to 6 weeks of crew time for border related mitigation work (see the YCOSA write up), as well as the efforts of other groups of volunteers doing mitigation work.

Results: Over the course of their appointment, the interns will remove or coordinate the removal of tons of trash and waste as well as rehabilitating roads and carrying out other needed work.

No photos available. The 2004 interns did magnificent work, but were not diligent photographers, and the 2005 interns are only now completing their training and beginning to work.

FY 2005 Border Projects Phoenix District

Project Name: Youth Corp of Southern Arizona Task Order

Unit Name: Phoenix District and Sonoran Desert National Monument

Date of Project: FY 2006

Location: Throughout the affected area of the Phoenix District

Participants: Bureau of Land Management Phoenix District and Youth Corp of Southern Arizona (YCOSA)

Project Coordinator: Eugene A. Dahlem, Manager, SDNM

Description of Project: FY 2005 funds were used to enter into a Task Order with the Youth Corp of Southern Arizona (YCOSA) for work to be performed in FY 2006. This is the first time that Phoenix District has engaged YCOSA for border mitigation work, though the Gila District has done so for several years. Until recently, our mitigation work in Phoenix has not been of the scope requiring such large crews. However, in the last few months, we have encountered large border related trash dumps at desert locations far removed from our typical area, south of Interstate 8. It appears smugglers are using desert locations to hold their UDI groups while awaiting transport to final destinations, and their trash builds quickly and is unsightly.

We will use YCOSA for clean up these situations, as well as for other mitigation work. For instance, smugglers cut a new six mile road through the Table Top Wilderness in 2005, and YCOSA crews will be used to rehabilitate that road. Other projects include major fence repair, wilderness bicycle removal, and scattered trash cleanup. We have YCOSA engaged for five to six weeks work through FY 2006, though most if not all work will occur in the fall/winter/spring period. The SCA interns addressed elsewhere will develop and coordinate the YCOSA work. YCOSA will work throughout the Phoenix District, as needed.

Results: As of this date, no work has been performed by YCOSA.

No photos are available.

FY 2005 Border Projects Phoenix District

Project Name: ISDA Partnership

Unit Name: Phoenix District

Date of Project: Ongoing

Location: Public lands in the Ajo, Arizona vicinity

Participants: Bureau of Land Management Phoenix District and the International Sonoran Desert Alliance (ISDA)

Project Coordinator: Eugene A. Dahlem, Manager, SDNM

Description of Project: The BLM entered into an agreement with the International Sonoran Desert Alliance in 2004 for assistance with maintaining the public lands in the Ajo area. In 2005, a Task Order under the agreement was initiated with ISDA to involve them in addressing UDI and smuggling impacts on those public lands. ISDA will address rehabilitation of smugglers roads and cleanup of UDI trash on the public lands, using volunteers that ISDA will recruit from the local community.

An example of the road rehabilitation they will accomplish is shown below. The technique is called “vertical mulching” and it hides roads by placing dead branches, rocks and other obstacles in the entry way to the roads, thereby hiding them from illegal users and allowing natural rehabilitation on the remainder.

Results: ISDA’s work will take place through the fall/winter/spring months of 2005/2006.



Before



After

Appendix B
BLM—Tucson Field Office
Ironwood Forest National Monument (IFNM)
FY 2005 Border Projects

Project Name: UDI Trash Remediation at Trico Powerlines

Unit Name: Ironwood Forest National Monument

Date of Project: 11/17/04

Location: Township: 13S Range: 9E Section: 33/34
GPS data: 3564761

Participants: Town of Marana

Project Coordinators: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: Town of Marana worked approximately 4 hours to remove debris from this site

Results: 380 lbs of Undocumented Immigrant trash removed and disposed at Tangerine Road Landfill

No Photographs Available

FY 2005 UDI Funded Projects Tucson Field Office - IFNM

Project Name: Pump Station / El Tiro rehabilitation
Unit Name: Ironwood Forest National Monument (IFNM)
Date of Project: 12/29/04, 1/12/05
Location: Township: 11S Range: 8E Section: 25
Participants: Town of Marana, Jeff Lark(ECO Ranger)

Project Coordinators: Jeff Lark (ECO Ranger), Dennis Dolan (Operations Manager, Town of Marana)

Description of Project: The project area consisted of a parcel of BLM land inside the IFNM boundary north of the confluence of Pump Station and El Tiro roads. The area is heavily used by UDI / drug smugglers, target shooters, and people who dump household wastes. The project was approached in two stages, the removal of trash and the rehabbing of unrecognized roads.

Results: The Town of Marana removed 13,660 lbs of waste from the project site and rehabbed approximately 10 roads.

Before



After



FY 2005 UDI Funded Projects Tucson Field Office - IFNM

Project Name: UDI Trash Remediation at Mullins Road

Unit Name: Ironwood Forest National Monument

Date of Project: 2/2/05 & 2/8/05

Location: Township: 11S Range: 8E Section: 3
GPS data: 3588760, 3588945, 3588987

Participants: Town of Marana

Project Coordinators: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: Town of Marana worked at site to remove Undocumented Immigrant trash for approximately 8 hours

Results: 3880 pounds of garbage was removed from this site and deposited the Tangerine Road Landfill

Before



After



FY 2005 UDI Funded Projects Tucson Field Office - IFNM

Project Name: UDI Trash Remediation at Mullins Road

Unit Name: Ironwood Forest National Monument

Date of Project: 3/23 & 3/30/05

Location: Township: 12S Range: 8E
Section: 3
GPS data: 3588795

Participants: Town of Marana

Project Coordinators: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: The Town of Marana worked approximately 16 hours to remove debris from this site

Results: 1869 pounds of Undocumented Immigrant trash removed and disposed at the Tangerine Road landfill.



Before

After None Available

FY 2005 UDI Funded Projects Tucson Field Office - IFNM

Project Name: UDI Trash Remediation at Mullins Road

Unit Name: Ironwood Forest National Monument

Date of Project: 4/20/05

Location: Township: 12S Range: 8E Section: 3
GPS data: 3588507

Participants: Town of Marana

Project Coordinators: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: Town of Marana worked approximately 4 hours to remove debris from this site

Results: 400 pounds of Undocumented Immigrant trash removed and disposed in the Tangerine Road landfill



Before

After: None Available

FY 2005 UDI Funded Projects Tucson Field Office -IFNM

Project Name: UDI Trash Remediation at Mullins Road

Unit Name: Ironwood Forest National Monument

Date of Project: 6/14/05

Location: Township: Not Available Range: Not Available
Section: Not Available
GPS data: Not Available

Participants: Town of Marana

Project Coordinators: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: Town of Marana worked 8 hours to remove debris from this site

Results: 500 pounds of Undocumented Immigrant trash removed and disposed in the Tangerine Road landfill



Before

After: Not Available

FY 2005 UDI Funded Projects Tucson Field Office - IFNM

Project Name: UDI Trash Remediation at Mullins Road

Unit Name: Ironwood Forest National Monument

Date of Project: 8/17/05

Participants: Town of Marana

Project Coordinators: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: Town of Marana worked approximately 4 hours to remove debris from this site

Results: 420 pounds of Undocumented Immigrant trash removed and disposed in the Tangerine Road landfill

No Photos Available

Project Name: UDI Trash Remediation at Mullins Road

Unit Name: Ironwood Forest National Monument

Date of Project: 9/7/05

Participants: Town of Marana

Project Coordinators: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: Town of Marana worked approximately 4 hours to remove debris from this site

Results: 300 pounds of Undocumented Immigrant trash removed and disposed in the Tangerine Road landfill

No Photos Available

**FY 2005 UDI Funded Projects
Tucson Field Office - IFNM**

Project Name: UDI Trash Remediation at Manville/Trico Powerlines

Unit Name: Ironwood Forest National Monument

Date of Project: 5/25/05

Location: Township: Not Available Range: Not Available
Section: Not Available
GPS data: None Available

Participants: Town of Marana

Project Coordinators: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: Town of Marana worked 8 hours to remove debris from this site

Results: 840 pounds of Undocumented Immigrant trash removed and disposed in the Tangerine Road landfill

No Photos Available

FY 2005 UDI Funded Projects Tucson Field Office - IFNM

Project Name: UDI Trash Remediation at Silverbell Mine

Unit Name: Ironwood Forest National Monument

Date of Project: 9/14/05

Participants: Town of Marana

Project Coordinators: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: Town of Marana worked approximately 4 hours to remove debris from this site

Results: 1020 pounds of Undocumented Immigrant trash removed and disposed in the Tangerine Road landfill

No Photos Available

Project Name: UDI Trash Remediation at Silverbell Mine

Unit Name: Ironwood Forest National Monument

Date of Project: 9/21/05

Participants: Town of Marana

Project Coordinators: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: Town of Marana worked approximately 4 hours to remove debris from this site

Results: 700 pounds of Undocumented Immigrant trash removed and disposed in the Tangerine Road landfill

No Photos Available

FY 2005 UDI Funded Projects Tucson Field Office - IFNM

Project Name: UDI Trash Remediation at Trico Powerlines

Unit Name: Ironwood Forest National Monument

Date of Project: 5/4/ & 5/11/05

Location: Township: 13S Range: 9E Section: 33/34
GPS data: 3564761

Participants: Town of Marana

Project Coordinators: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: Town of Marana worked 12 hours to remove debris from this site

Results: 2900 pounds of Undocumented Immigrant trash removed and disposed in the Tangerine Road landfill

Before



After



FY 2005 UDI Funded Projects Tucson Field Office -IFNM

Project Name: UDI Trash Remediation at Trico Powerlines

Unit Name: Ironwood Forest National Monument

Date of Project: 5/18/05

Participants: Town of Marana

Project Coordinators: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: Town of Marana worked approximately 4 hours to remove debris from this site

Results: 1680 pounds of Undocumented Immigrant trash removed and disposed in the Tangerine Road landfill

Before



After



FY 2005 UDI Funded Projects Tucson Field Office - IFNM

Project Name: UDI Trash Remediation at Trico Powerlines

Unit Name: Ironwood Forest National Monument

Date of Project: 6/8/05

Location: Township: Not Available Range: Not Available
Section: Not Available
GPS data: None Available

Participants: Town of Marana

Project Coordinators: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: Town of Marana worked 8 hours to remove debris from this site

Results: 120 pounds of Undocumented Immigrant trash removed and disposed in the Tangerine Road landfill

Before



After



FY 2005 UDI Funded Projects Tucson Field Office - IFNM

Project Name: UDI Trash Remediation at Trico Powerlines

Unit Name: Ironwood Forest National Monument

Date of Project: 7/13/05

Participants: Town of Marana

Project Coordinator: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: Town of Marana worked approximately 4 hours to remove debris from this site

Results: 940 pounds of Undocumented Immigrant trash removed and disposed in the Tangerine Road landfill

Before



After



FY 2005 UDI Funded Projects Tucson Field Office - IFNM

Project Name: UDI Trash Remediation at Trico Powerlines

Unit Name: Ironwood Forest National Monument

Date of Project: 7/27/05

Participants: Town of Marana

Project Coordinators: Emily Hertz & Donna Myers (SCA Interns), Dennis Dolan (Town of Marana Operations Manager)

Description of Project: Town of Marana worked approximately 4 hours to remove debris from this site

Results: 720 pounds of Undocumented Immigrant trash removed and disposed in the Tangerine Road landfill

Before



After



FY 2005 UDI Funded Projects Tucson Field Office - IFNM

Project Name: UDI Impact Remediation of area known as “Club Med” within IFNM boundaries

Unit Name: Ironwood Forest National Monument

Date of Project: December 3—10 2004

Location: Township: T12S Range: R9E
Section: 25 SW ¼, SW ¼, NE ¼
GPS data: 12S 0464383
UTM 3580636

Participants: Two Student Conservation Association interns working for the BLM, 1 Youth Corps of Southern Arizona crew leader, 1 Sunnyside High School teacher, and 10 CLASP (Community Learning Adventure Service Project) high school students from Star Academics

Project Coordinators: Emily B. Hertz and Donna Myers (Student Conservation Associate interns)

Description of Project: Project coordinators, YCOSA and Sunnyside staff, and CLASP students spent 32 volunteer hours removing trash from undocumented immigrants

Results: 28.5 bags or 14.25 cubic yards was collected and disposed of in the Agua Dulce roll off

Before



After



FY 2005 UDI Funded Projects Tucson Field Office - IFNM

Project Name: UDI Impact Remediation near IFNM boundaries on ASARCO land.

Unit Name: ASARCO (Arizona Smelting and Refining Company)

Date of Project: December 6—9 2004

Location: Township: T12S Range: R8E Section: 14 SW ¼, SW ¼, SE ¼
GPS data: 12S 0453918
UTM 3582124

Participants: Two Student Conservation Association interns working for the BLM, 1 Youth Corps of Southern Arizona crew leader, 1 Sunnyside High School teacher, and 10 CLASP (Community Learning Adventure Service Project) high school students from Star Academics

Project Coordinators: Emily B. Hertz and Donna Myers (Student Conservation Associate interns)

Description of Project: Project coordinators, YCOSA and Sunnyside staff, and CLASP students spent 154 volunteer hours removing trash from undocumented immigrants

Results: 92 or 46.0 cubic yards was collected and disposed of in the Agua Dulce roll off

Before



After





Before



After

FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: UDI Trash Remediation at Little Ranch

Unit Name: Ironwood Forest National Monument

Date of Project: January 20, 2005

Location: Township: 12S Range: 7E Section: 9 SW ¼ NE ¼ SE 1/4
GPS data: 0445910
UTM: 358792

Participants: Emily Hertz and Donna Myers (SCA Interns)

Project Coordinators: Emily Hertz and Donna Myers (SCA Interns)

Description of Project: Emily Hertz and Donna Myers worked at site for 2 hours to remove trash.

Results: 5 bags of trash, approximately 2.5cubic yards, and some car parts were removed from this site.

Before



After



FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: UDI Impact Remediation at Little Ranch

Unit Name: Ironwood Forest National Monument

Date of Project: January 20, 2005

Location: Township: 12S Range: 8E
Section: 6 SE ¼ SE ¼ NW ¼ SW ¼ SW ¼ NE 1/4
GPS data: 0446774
UTM 3586026

Participants: Emily Hertz and Donna Myers (SCA Interns)

Project Coordinators: Emily Hertz and Donna Myers (SCA Interns)

Description of Project: Emily Hertz and Donna Myers worked at site for 4 hours to remove trash.

Results: 8 bags of trash, approximately 4 cubic yards, and a full size shag carpet were removed from this site.

Before



After



**FY 2005 UDI Funded Projects
Tucson Field Office – IFNM**

Little Ranch, before and after



FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: Cocio Wash Road UDI Impact Remediation

Unit Name: Ironwood Forest National Monument

Date of Project: Jan 13, 2005

Location: Township: 12S Range: 9E
Section: 16 NE ¼ NE ¼ NE 1/4
GPS data: 0459238
UTM: 3582245

Participants: Maile Adler (BLM), Jeff Lark (ECO), Emily Hertz & Donna Myers (SCA)

Project Coordinator: Maile Adler (BLM)

Description of Project: Project participants worked for 30 minutes to clean up UDI trash

Results: Collected 4 bags of trash equaling approximately 2 cubic yards

Before



After



FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: UDI Impact Remediation at Silverbell Road

Unit Name: Ironwood Forest National Monument

Date of Project: July 26, 2005

Location: GPS data: 12S 0459672
UTM 358675

Participants: Emily Hertz and Donna Myers (SCA Interns)

Project Coordinators: Emily Hertz and Donna Myers (SCA Interns)

Description of Project: Emily Hertz and Donna Myers worked at site for 4 hours to remove trash.

Results: 9 bags of trash, approximately 4.5 cubic yards, were removed.

Before



After



FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: UDI Impact Remediation at Silverbell Road

Unit Name: Ironwood Forest National Monument

Date of Project: July 26, 2005

Location: GPS data: 12S 0459628
UTM 358756

Participants: Emily Hertz and Donna Myers (SCA Interns)

Project Coordinators: Emily Hertz and Donna Myers (SCA Interns)

Description of Project: Emily Hertz and Donna Myers worked at site for 1 hours to remove trash.

Results: 4 bags of trash, approximately 2 cubic yards, were removed.

Before



After



FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: UDI Impact Remediation at Silverbell Road UDI 15

Unit Name: Ironwood Forest National Monument

Date of Project: July 26, 2005

Location: GPS data: 12S 0459632
UTM 3589577

Participants: Emily Hertz and Donna Myers (SCA Interns)

Project Coordinators: Emily Hertz and Donna Myers (SCA Interns)

Description of Project: Emily Hertz and Donna Myers worked at site for 4 hours to remove trash.

Results: 2 bags of trash, approximately 1 cubic yards, were removed.

Before



After



FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: UDI Impact Remediation at Silverbell Road UDI 16

Unit Name: Ironwood Forest National Monument

Date of Project: July 26, 2005

Location: GPS data: 12S 0459659
UTM 3589586

Participants: Emily Hertz and Donna Myers (SCA Interns)

Project Coordinators: Emily Hertz and Donna Myers (SCA Interns)

Description of Project: Emily Hertz and Donna Myers worked at site for 4 hours to remove trash.

Results: 1 bag of trash, approximately .5 cubic yards, was removed.

Before

(No After Photograph)



FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: Waterman Road Fencing Project

Unit Name: Ironwood Forest National Monument

Date of Project: 03-21-05 / 04-01-05

Location: Township: 12S Range: 9E
Section: 29,31,32

Participants: Jeffrey Lark (ECO Ranger), Maile Adler (BLM Park Ranger), Emily Hertz, Donna Myers (SCA Interns), and YCOSA alta crew

Project Coordinator: Jeffrey Lark (ECO Ranger)

Description of Project: Participants worked on a four strand barbed wire fence along the western side of Waterman Rd in the IFNM. The purpose of the fence is to keep smuggling and OHV activities limited to the Waterman Rd corridor through a T&E species habitat.

Results: Participants were able to complete 2+ miles of fence, approximately half of the total project, in ten days.

FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: UDI Impact Remediation at Waterman Road Power Lines

Unit Name: Ironwood Forest National Monument

Date of Project: 1-27-05

Location: Township: 12S Range: 9E
Section: 20 SW ¼ SE ¼ NE ¼
GPS data: 0458437/3580608

Participants: Emily Hertz and Donna Myers (SCA Interns)

Project Coordinators: Emily Hertz and Donna Myers (SCA Interns)

Description of Project: Participants worked for one hour to remove trash along Waterman Road Fence and Power lines

Results: Participants removed 7 bags of trash, approximately 3.5 cubic yards, and disposed in the Agua Dulce Roll off

Before



After



FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: UDI Impact Remediation at Trico Powerlines

Unit Name: Ironwood Forest National Monument

Date of Project: 6/5/05

Location: Township: 13S Range: 9E Section: 33/34
GPS data: 3564707

Participants: 13 Borderlinks Volunteers & Donna Myers (SCA Intern)

Project Coordinator: Donna Myers

Description of Project: Project Participants worked 1.5 hours to remove trash from this site

Results: 30 bags, approximately 15 cubic yards, of trash removed and disposed in to Manville Trico Roll off

No Photos available

Project Name: UDI Impact Remediation at Trico Road

Unit Name: Ironwood Forest National Monument

Date of Project: 8/13/05

Location: Township: 13S Range: 9E Section: 33/34
GPS data: 3564707

Participants: 14 Humane Borders Volunteers

Project Coordinators: Emily Hertz (SCA Intern) & Ryan Seidel (Humane Borders)

Description of Project: Project Participants worked 2.5 hours to remove trash from this site

Results: 18 bags, approximately 9 cubic yards, of trash removed and disposed in to Manville Trico Roll off

No Photos available

FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: UDI Impact Remediation at IFNM

Unit Name: Ironwood Forest National Monument

Date of Project: 2/12/05

Location: Township: 13S Range: 10E Section: 35
GPS data: 4722165
UTM: 3568761

Participants: 8 Humane Borders Volunteers

Project Coordinators: Emily Hertz (SCA Intern) & Ryan Seidel (Humane Borders)

Description of Project: Project Participants worked 6 hours to remove trash from this site

Results: 24 bags, approximately 12 cubic yards, of trash removed and disposed in to Manville Trico Roll off

No Photos available

Project Name: UDI Impact Remediation at IFNM

Unit Name: Ironwood Forest National Monument

Date of Project: 3/12/05

Location: Township: 13S Range: 10E Section: 26
GPS data: 472204
UTM: 3569688

Participants: 47 Humane Borders Volunteers

Project Coordinators: Emily Hertz (SCA Intern) & Ryan Seidel (Humane Borders)

Description of Project: Project Participants worked 5 hours to remove trash from this site

Results: 60 bags, approximately 30 cubic yards, of trash removed and disposed in to Manville Trico Roll off

No Photos available

FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: UDI Impact Remediation at Trico Wash

Unit Name: Ironwood Forest National Monument

Date of Project: 4/9/05

Location: Township: 13S Range: 10E Section: 35, NW ¼ NW ¼
GPS data: 471457
UTM: 3569511

Participants: 7 Humane Borders Volunteers

Project Coordinator: Emily Hertz (SCA Intern) & Ryan Seidel (Humane Borders)

Description of Project: Project Participants worked 4 hours to remove trash from this site

Results: 10 bags, approximately 5 cubic yards, of trash removed and disposed in to Manville Trico Roll off

No Photos available

Project Name: UDI Impact Remediation at Trico Wash

Unit Name: Ironwood Forest National Monument

Date of Project: 4/16/05

Location: Township: 13S Range: 10E Section: 35, NW ¼ NW ¼
GPS data: 471457
UTM: 3569511

Participants: 13 Humane Borders Volunteers

Project Coordinators: Emily Hertz (SCA Intern) & Ryan Seidel (Humane Borders)

Description of Project: Project Participants worked 4.5 hours to remove trash from this site

Results: 20 bags, approximately 5 cubic yards, of trash removed and disposed in to Manville Trico Roll off

No Photos available

FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: UDI Impact Remediation at Trico Wash

Unit Name: Ironwood Forest National Monument

Date of Project: 5/14/05

Location: Township: 13S Range: 10E Section: 35, NW ¼ NW ¼
GPS data: 471457
UTM: 3569511

Participants: 5 Humane Borders Volunteers

Project Coordinators: Emily Hertz (SCA Intern) & Ryan Seidel (Humane Borders)

Description of Project: Project Participants worked 4 hours to remove trash from this site

Results: 12 bags, approximately 6 cubic yards, of trash removed and disposed in to Manville Trico Roll off

No Photos available

Project Name: UDI Impact Remediation at Trico Powerlines

Unit Name: Ironwood Forest National Monument

Date of Project: 5/28/05

Location: Township: 14S Range: 10E Section: 11, W ½ NW ¼
GPS data: 471556
UTM: 3566043

Participants: 2 Humane Borders Volunteers

Project Coordinators: Emily Hertz (SCA Intern) & Ryan Seidel (Humane Borders)

Description of Project: Project Participants worked 1 hours to remove trash from this site

Results: 3 bags, approximately 1.5 cubic yards, of trash removed and disposed in to Manville Trico Roll off

No Photos available

FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: UDI Impact Remediation at Trico Powerlines

Unit Name: Ironwood Forest National Monument

Date of Project: 6/3/05

Location: Township: 14S Range: 10E Section: 11, SE ¼ SW ¼
GPS data: 471406
UTM: 3564809

Participants: 2 Humane Borders Volunteers

Project Coordinators: Emily Hertz (SCA Intern) & Ryan Seidel (Humane Borders)

Description of Project: Project Participants worked 1 hours to remove trash from this site

Results: 4 bags, approximately 2 cubic yards, of trash removed and disposed in to Manville Trico Roll off

No Photos available

Project Name: UDI Impact Remediation at Trico Wash

Unit Name: Ironwood Forest National Monument

Date of Project: 6/11/05

Location: Township: 13S Range: 10E Section: 35, NW ¼ NW ¼
GPS data: 471457
UTM: 356951

Participants: 30 Humane Borders Volunteers

Project Coordinators: Emily Hertz (SCA Intern) & Ryan Seidel (Humane Borders)

Description of Project: Project Participants worked 1.5 hours to remove trash from this site

Results: 22 bags, approximately 11 cubic yards, of trash removed and disposed in to Manville Trico Roll off

No Photos available

FY 2005 UDI Funded Projects Tucson Field Office – IFNM

Project Name: UDI Impact Remediation at West Silverbells

Unit Name: Ironwood Forest National Monument

Date of Project: 7/9/05

Location: Township: 11S Range: 7E Section: 9, W ½ SW ¼
GPS data: 438485
UTM: 3594264

Participants: 25 Humane Borders Volunteers

Project Coordinators: Emily Hertz (SCA Intern) & Ryan Seidel (Humane Borders)

Description of Project: Project Participants worked 7hours to remove trash from this site

Results: 24 bags, approximately 12 cubic yards, of trash removed and disposed in to Manville Trico Roll off

No Photos available

Project Name: UDI Impact Remediation at Dos Titos

Unit Name: Ironwood Forest National Monument

Date of Project: 7/15/05

Location: Township: 14S Range: 10E Section: 10, SW ¼ SE ¼
GPS data: 470739
UTM: 3594904

Participants: 17 Humane Borders Volunteers

Project Coordinators: Emily Hertz (SCA Intern) & Ryan Seidel (Humane Borders)

Description of Project: Project Participants worked 4 hours to remove trash from this site

Results: 25 bags, approximately 12.5 cubic yards, of trash removed and disposed in to Manville Trico Roll off

No Photos available

FY 2005 UDI Funded Projects Tucson Field Office – Indian Kitchen

Project Name: UDI Impact Remediation at Indian Kitchen UDI 10

Unit Name: Indian Kitchen

Date of Project: July 13, 2005

Location: Township: 17S Range: 12E
Section: 14 NW ¼, NE 1/4 of the NW 1/4
GPS data: 12 R 0491542
UTM 3535395

Participants: Emily Hertz and Donna Myers (SCA Interns)

Project Coordinators: Emily Hertz and Donna Myers (SCA Interns)

Description of Project: Emily Hertz and Donna Myers worked at site for 4 hours to remove trash.

Results: 10 bags of trash, approximately 5 cubic yards, was removed.

Before



After

FY 2005 UDI Funded Projects Tucson Field Office

Project Name: UDI Impact Remediation at Indian Kitchen UDI 11

Unit Name: Indian Kitchen

Date of Project: July 13, 2005

Location: Township: 17S Range: 12E
Section: 14 NW ¼, NE 1/4 of the NW 1/4
GPS data: 12 R 0491581
UTM 3535381

Participants: Emily Hertz and Donna Myers (SCA Interns)

Project Coordinators: Emily Hertz and Donna Myers (SCA Interns)

Description of Project: Emily Hertz and Donna Myers worked at site for 4 hours to remove trash.

Results: 10 bags of trash, approximately 5 cubic yards, was removed.

Before



After

FY 2005 UDI Funded Projects Tucson Field Office

Project Name: UDI Impact Remediation at Indian Kitchen UDI 17

Unit Name: Indian Kitchen

Date of Project: August 2, 2005

Location: Township: 17S Range: 12E
Section: 14 NW ¼, NE 1/4 of the NW 1/4
GPS data: 12 R 0491554
UTM 3535350

Participants: Emily Hertz and Donna Myers (SCA Interns)

Project Coordinators: Emily Hertz and Donna Myers (SCA Interns)

Description of Project: Emily Hertz and Donna Myers worked at site for 4 hours to removing scattered trash.

Results: 8 bags of trash, approximately 4 cubic yards, was removed.

No pictures available

Random Bags Collected Tucson Field Office

<u>Date</u>	<u>No. of Bags</u>	<u>From Whence</u>
1/27/05	1	Agua Dulce Roll off
1/31/05	8	Snyder Hill
2/1/05	6	Cocio Wash State Land
2/3/05	2	Silverbell Portal sign Area
7/26/05	3	Silverbell Road

Appendix C
BLM—Tucson Field Office
Las Cienegas National Conservation Area (LCNCA)
FY 2005 Border Projects

Project Name: Sanford Canyon Vehicle Barriers

Unit Name: LCNCA

Date of Project: November-December 2005

Location: T 18S, R 17E, section 14; Sanford Canyon crossing on Cienega Creek.

Participants: Karen Simms (LCNCA), J.J. Swift (SPRNCA), Jane Childress (SPRNCA), Sky Island Alliance (volunteers)

Project Coordinator: Karen Simms (LCNCA)

Contract Representative: J.J. Swift (SPRNCA)

Description of Project: The project involved the installation of pipe rail vehicle barriers on the east and west sides of Cienega Creek at the Sanford Canyon crossing. The vehicle barriers are designed to stop motorized traffic from crossing Cienega Creek and impacting sensitive riparian and aquatic resources. In addition to the vehicle barriers, 2 pipe rail walkthroughs were also installed to allow non-motorized recreation use to continue in the area. Sanford Crossing has been used frequently by motorized traffic engaged in transporting illegal immigrants and probably drugs as well.

Prior to the installation of the barriers, Sky Island Alliance volunteers assisted with clearing brush and other obstacles from the project area. The volunteers also placed vertical mulching along the roadway to aid in restoring and naturalizing the area. Unfortunately most of the mulching was disturbed during project work, so another volunteer work day is planned to place additional mulching.

Still to be completed: lock installation on the gates, placement of additional regulatory signs and final mulching.

Results:

Vehicle barrier – east side



Vehicle barrier – west side



walk through design

FY 2005 UDI Funded Projects Tucson Field Office - LCNCA

Project Name: Empirita Ranch UDI Impact Remediation

Unit Name: Empirita Ranch 1

Date of Project: 4/4/05 & 4/6/05

Location: Township: 12 R Range: unavailable
Section: unavailable
GPS data: 0545402
UTM: 3534449

Participants: 11 member Youth Corps of Southern Arizona Crew & 2 Student Conservation Association Interns

Project Coordinators: Emily Hertz & Donna Myers, SCA Interns

Description of Project: 11 member Youth Corps of Southern Arizona Crew & 2 Student Conservation Association Interns worked for 10 hours at site to remove UDI trash

Results: 152 bags of trash, approximately 76 cubic yards of trash were removed from this site

Before



After



FY 2005 UDI Funded Projects
Tucson Field Office – LCNCA

Project Name: Forty-Nine Wash road closure

Unit Name: Las Ciengas National Conservation Area (LCNCA)

Date of Project: Nov 6, 2004

Location: Township: 18S Range: 17E
Section: 27 NE1/4, NW 1/4
GPS data: 12 R 0537812
UTM 3523197

Participants: 13 volunteers from Sky Island Alliance (SIA), Trevor Hare (SIA) and Donna Myers (SCA)

Project Coordinators: Trevor Hare (SIA), Maile Adler & Karen Simms (BLM) and Donna Myers (SCA)

Description of Project: The Forty-Nine wash serves as a through-fare for illegal off-highway vehicle use, as well as undocumented immigrant vehicle travel. This use damages the fragile ecosystem that thrives in and around the wash. The Sky Island Alliance, in cooperation with the BLM and SCA, closed a 400 meter section of the Forty-Nine Wash in LCNCA

Results: A Sky Island Alliance crew worked for 52 volunteer hours to close a portion of the Forty-Nine wash to vehicular traffic. The volunteers planted sacaton grass in and around the wash. Also, crew members added duff and dead trees to naturalize the road closure. In addition 6 t-posts, 3 at each end of the closure, were installed. A volunteer placed carsonite that bore a sticker reading 'No motor vehicles' at one end of the road closure. Finally, volunteers raked existing vehicle tracks along the road.

Before



After



FY 2005 UDI Funded Projects
Tucson Field Office – LCNCA

Project Name: Rose Tree Ranch UDI Impact Remediation

Unit Name: Rose Tree Ranch 1

Date of Project: April 5, 2005

Location: Township: 12R Range: unavailable
Section: unavailable
GPS data: 0544967
UTM: 3507736

Participants: 11 member Youth Corps of Southern Arizona Crew & 2 Student Conservation Association Interns

Project Coordinators: Emily Hertz & Donna Myers, SCA Interns

Description of Project: 11 member Youth Corps of Southern Arizona Crew & 2 Student Conservation Association Interns worked for 1 hour at site to remove UDI trash

Results: 15 bags of trash, 7.5 approximately cubic yards were removed from this site

Before



After



FY 2005 UDI Funded Projects
Tucson Field Office – LCNCA

Project Name: Rose Tree Ranch UDI Impact Remediation

Unit Name: Rose Tree Ranch 2

Date of Project: April 5, 2005

Location: Township: 12R Range: unavailable
Section: unavailable
GPS data: 0548809
UTM: 3503390

Participants: 11 member Youth Corps of Southern Arizona Crew & 2 Student Conservation Association Interns

Project Coordinators: Emily Hertz & Donna Myers, SCA Interns

Description of Project: 11 member Youth Corps of Southern Arizona Crew & 2 Student Conservation Association Interns worked for 1 hour at site to remove UDI trash

Results: 1 bag of trash, approximately .5 cubic yards were removed from this site

No Photographs Available

FY 2005 UDI Funded Projects
Tucson Field Office – LCNCA

Project Name: Rose Tree Ranch UDI Impact Remediation

Unit Name: Rose Tree Ranch 3

Date of Project: April 5, 2005

Location: Township: 12 R Range: unavailable
Section: unavailable
GPS data: 0549353
UTM: 3501771

Participants: 11 member Youth Corps of Southern Arizona Crew & 2 Student Conservation Association Interns

Project Coordinators: Emily Hertz & Donna Myers, SCA Interns

Description of Project: 11 member Youth Corps of Southern Arizona Crew & 2 Student Conservation Association Interns worked for 1 hour at site to remove UDI trash

Results: 6 bags of trash, approximately 3 cubic yards were removed from this site



Before



After

FY 2005 UDI Funded Projects
Tucson Field Office – LCNCA

Project Name: Rose Tree Ranch UDI Impact Remediation

Unit Name: Rose Tree Ranch 4

Date of Project: April 5, 2005

Location: Township: 12R Range: unavailable
Section: unavailable
GPS data: 0551358
UTM: 3501771

Participants: 11 member Youth Corps of Southern Arizona Crew & 2 Student Conservation Association Interns

Project Coordinators: Emily Hertz & Donna Myers, SCA Interns

Description of Project: 11 member Youth Corps of Southern Arizona Crew & 2 Student Conservation Association Interns worked for 1 hour at site to remove UDI trash

Results: 4 bags of trash, approximately 2 cubic yards were removed from this site

Before



After



FY 2005 UDI Funded Projects
Tucson Field Office - LCNCA

Project Name: 901 Road camp site closure

Unit Name: Las Ciengas National Conservation Area (LCNCA)

Date of Project: April 2, 2005

Location: Township: 17E Range: 19S Section: 8

Participants: 6 volunteers from Sky Island Alliance (SIA), Trevor Hare (SIA) and Donna Myers (SCA)

Project Coordinator: Trevor Hare (SIA) and Donna Myers (SCA)

Description of Project: The project coordinators and six volunteers from Sky Island Alliance worked for 4 hours to rehabilitate an area illegally used for overnight camping. The patch of land adjacent to Road 901 in LCNCA has been degraded by illegal camping and off road vehicle use.

Results: The volunteers placed rocks and duff to give the ground cover. In addition trees were transplanted into the area. Medium sized boulders were placed in the way of an illegally forged two track road.

A fire circle and ashes were also removed from this site. A carsonite giving with a no motor vehicles sticker was put in place.

No pictures available.

Appendix D
BLM—Tucson Field Office
San Pedro Riparian National Conservation Area (SPRNCA)
FY 2005 Border Projects

Project Name: UDI Impact Remediation at Millville Historic Town site

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: January 14, 2005

Location: Township: 21S Range: 21E
Section: 2 SE ¼ NE ¼ SE ¼
GPS data: 12R 0578419
UTM 3499415

Participants: Two Student Conservation Associates working for the BLM

Project Coordinator(s): Dan Baumbach and Kim Whorrall (Student Conservation Associates)

Description of Project: Participants worked 2 hours of trash removal at site

Results: 2 (.5 yd³) bags of trash were deposited at Lewis Springs



Before



After

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Project Name: UDI Impact Remediation of Bottle Jam North of Hereford Bridge

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: February 7, 2005

Location: Township: 23S Range: 22E
Section: 4 NE ¼, NE ¼, NE ¼
GPS data: 12R 0584823
UTM 3481969

Participants: Two Student Conservation Associates working for the BLM.

Project Coordinator(s): Dan Baumbach and Kim Whorrall (Student Conservation Associates)

Description of Project: Participants worked 3 hours of trash removal at site

Results: 4 (1 yd³) bags of trash were at Lewis Springs roll-off



Before



After

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Project Name: UDI Impact Remediation of bottle jams north of Hereford bridge

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: February 7, 2005

Location: Township: 23S Range: 22E
Section: 4 NE ¼, NE ¼, NE ¼
GPS data: 12R 0584839
UTM 3481949

Participants: Two Student Conservation Associates working for the BLM.

Project Coordinator(s): Dan Baumbach and Kim Whorrall (Student Conservation Associates)

Description of Project: Participants worked 3 hours of trash removal at site

Results: 4 (1 yd³) bags of trash were deposited at Lewis Springs roll-off



Before



After

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Project Name: UDI Impact Remediation at large bottle jam south of Hunter wash

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: March 1, 2005

Location: Township: 23S Range: 22E
Section: 4 SE ¼, SE ¼, NW ¼
GPS data: 12R 0585214
UTM 3471436

Participants: Student Conservation Associates working for the BLM

Project Coordinator(s): Dan Baumbach and Kim Whorrall (Student Conservation Associates)

Description of Project: Participants worked 4 hours of trash removal at site

Results: 14 (3.5 yd³) bags of trash were deposited at Lewis Springs roll-off



Before



After

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Project Name: UDI Impact Remediation at Sharp Shooter Rd

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: February 20, 2005

Location: Township: 22S Range: 22E
Section: 17 W ½, SE ¼, NW ¼
GPS data: 12R 0590649
UTM 3487430N

Participants: Student Conservation Associate working for the BLM and 10 volunteers from the Southwest School of Botanical Medicine

Project Coordinator(s): Dan Baumbach (Student Conservation Associate)

Description of Project: Participants worked 4 hours of trash removal at site

Results: 62 (15.5 yd³) bags of trash were deposited at Lewis Springs roll-off



Before



After

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Project Name: UDI Impact Remediation at Trestle bridge North of Terrenate

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: March 1, 2005

Location: Township: 19S Range: 21E
Section: 20 SE ¼, SE ¼, NW¼
GPS data: 12R 0573635
UTM 3514841

Participants: Student Conservation Associates working for the BLM.

Project Coordinator(s): Dan Baumbach and Kim Whorrall (Student Conservation Associates)

Description of Project: Participants worked 4 hours of trash removal at site

Results: 22 (5.5 yd³) bags of trash deposited at Lewis Springs roll-off



Before



After

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Project Name: UDI Impact Remediation at Brunkow Take 2
Unit Name: San Pedro Riparian National Conservation Area
Date of Project: March 11, 2005
Location: Township: 22S Range: 23E Section: 18 SE ¼ SE ¼ NW ¼
GPS data: 12R 0580566 UTM 3499957
Participants: Two Student Conservation Associates working for the BLM
Project Coordinator(s): Dan Baumbach and Kim Whorrall (SCA)
Description of Project: Participants worked 4 hours of trash removal at site
Results: 6 (1.5 yd³) bags of trash were deposited at Lewis Springs
* No pictures available

Project Name: UDI Impact Remediation at Banning Wash
Unit Name: San Pedro Riparian National Conservation Area
Date of Project: January 18, 2005
Location: Township: 22S Range: 22E Section: 21 SE ¼, SE ¼, NW ¼
GPS data: 12R 0586571 UTM 3486003
Participants: Two Student Conservation Associates working for the BLM.
Project Coordinator(s): Dan Baumbach and Kim Whorrall (Student Conservation Associates)
Description of Project: Participants worked 6 hours of trash removal at site
Results: 3 (.75 yd³) bags of trash were deposited in roll off at Lewis Springs.
* No pictures available

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Project Name: UDI Impact Remediation at South of Hereford Rd

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: March 11, 2005

Location: Township: 23S Range: 22E
Section: 10 SE ¼ NW ¼ SW ¼
GPS data: 12R
UTM not available

Participants: Student Conservation Associates working for the BLM

Project Coordinator(s): Dan Baumbach and Kim Whorrall (Student Conservation Associates)

Description of Project: Participants worked 3 hours of trash removal

Results: 6 (1.5 yd³) bags of trash were deposited at Lewis Springs



Before



After

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Project Name: UDI Impact Remediation at Picnic Wash off High Knolls

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: March 30, 2005

Location: Township: 21S Range: 22E
Section: 33 NE ¼ SW ¼ NW ¼
GPS data: 12R 0583729
UTM 3491599

Participants: Student Conservation Associates working for the BLM and an 11-person YCOSA crew

Project Coordinator(s): Dan Baumbach and Kim Whorrall (Student Conservation Associates)

Description of Project: Participants worked 8 hours of trash removal at site

Results: 102 (25.5 yd³) bags of trash were deposited at Lewis Springs



Before



After

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Project Name: UDI Impact Remediation at Lewis Springs

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: October 20, 2004

Location: *Township:* 23S *Range:* 24E
Section: 9 NE ¼, E ¼, NE ¼
GPS data: 12R 0602221
utm 3480315

Participants: Two Student Conservation Associates working for the BLM.

Project Coordinator(s): Dan Baumbach and Kim Whorrall (Student Conservation Associates)

Description of Project: Participants worked 8 hours of trash removal at site

Results: 21 (5.25 yd³) bags of trash were disposed of at Lewis Springs roll-off



Before



After

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Project Name: UDI Impact Remediation South of Millville Trailhead

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: October 20, 2004

Location: Township: 21S Range: 21E
Section: 1 N ½ SW ¼ SW ¼
GPS data: 12R 0578972
UTM 3499220

Participants: Two Student Conservation Associates working for the BLM.

Project Coordinator(s): Baumbach and Kim Whorrall (Student Conservation Associates)

Description of Project: Participants worked 2 hours of trash removal at site

Results: 4 (1 yd³) bags of trash were disposed at Charleston Bridge dumpster

No photographs available.

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Project Name: UDI Impact Remediation at Highway 90 Lay-up

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: November 15, 2004

Location: *Township:* 22S *Range:* 22E
Section: 3 NW ¼, NE ¼, NW ¼
GPS data: 12R 0582368
utm 3491069

Participants: Two Student Conservation Associates working for the BLM and a 9-person YCOSA crew

Project Coordinator(s): Dan Baumbach and Kim Whorrall (Student Conservation Associates)

Description of Project: Participants worked 5 hours of trash removal at site

Results: 31 (7.8 yd³) bags of trash were deposited at Lewis Springs roll-off



Before



After

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Project Name: UDI Impact Remediation at Hunter Wash confluence

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: November 16, 2004

Location: Township: 22S Range: 22E
Section: 33 NW ¼, NW ¼, NW ¼
GPS data: 12R 0583717
UTM 3483068

Participants: Two Student Conservation Associates working for the BLM and a 9-person YCOSA crew

Project Coordinator(s): Dan Baumbach and Kim Whorrall (Student Conservation Associates)

Description of Project: Participants spent 2 hours removing UDI trash

Results: 28 (7 yd³) bags of trash were deposited at Lewis Springs roll-off



Before



After

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Project Name: UDI Impact Remediation at sandy wash between Hunter and Miller

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: November 16, 2004

Location: Township: 22S Range: 22E
Section: 29 SW ¼, NE ¼, SW ¼
GPS data: 12R 0582830
UTM 3484039

Participants: Two Student Conservation Associates working for the BLM and a 9-person YCOSA Crew

Project Coordinator(s): Dan Baumbach and Kim Whorrall (Student Conservation Associates)

Description of Project: Participants worked 8 hours of trash removal at site

Results: 62 (15.5 yd³) bags of trash deposited at Lewis Springs roll-off



Before



After

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Project Name: UDI Impact Remediation at St. David Cienega

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: November 18, 2004

Location: Township: 18S Range: 21E
Section: 29 SE ¼, NW ¼, NW ¼
GPS data: 12R 0573045
UTM 3523484

Participants: Two Student Conservation Associates working for the BLM and a 9-person YCOSA Crew

Project Coordinator(s): Dan Baumbach and Kim Whorrall (Student Conservation Associates)

Description of Project: Participants worked 6 hours of trash removal at site

Results: 37 (9.3 yd³) bags of trash were deposited at Lewis Springs roll-off



Before



After

FY 2005 UDI Funded Projects Tucson Field Office – SPRNCA

- Project Name:** UDI Impact Remediation at Brunckow Road
- Unit Name:** San Pedro Riparian National Conservation Area
- Date of Project:** November 19, 2004
- Location:** Township: 21S Range: 22E
Section: 6 SW ¼, SE ¼, NW ¼
GPS data: 12R 0580613
UTM 3500205
- Participants:** Two Student Conservation Associates working for the BLM and a 9-person YCOSA crew
- Project Coordinator(s):** Dan Baumbach and Kim Whorrall (Student Conservation Associates)
- Description of Project:** Participants worked 2 hours of trash removal at site
- Results:** 15 (3.8 yd³) bags of trash, a dog house, mattresses and other large items were deposited at Lewis Springs roll-off



Before



After

FY 2005 UDI Funded Projects
Tucson Field Office – SPRNCA

Random Bags Collected from SPRNCA

<u>Date</u>	<u>No. of Bags</u>	<u>From Whence</u>
12/3/2004	1	Picnic Wash
12/8-10/2004	8	N. of Terrenate/S of 90
1/24/2005	3	Fairbank/Murray Springs
1/25/2005	3	St. David
2/22/2005	15	Terranate
4/20-23/2005	74	Picnic Wash/Del Valle/Fairbank

Appendix E

FY 2005 Border Project

BLM—Yuma Field Office

Project Name: Yuma Border Restoration

Unit Name: Lower Colorado River

Date of Project: February 25 to September 30, 2005

Location: Township: 16 South, Range: 22 East, Section: 28 (within). San Bernadino Meridian, Yuma County, Arizona.

Participants: David Repass, Fred Wong, Jennifer Green, Kim Klementowski, Joseph Colton, Michael Dobyns, Youth Corps of Southern Arizona,

Project Coordinator(s): Ron Morfin, Fred Wong, David Repass, Mike Behrens

The project consisted of restoring native trees in a burned area associated with border smuggling activities in an area spread over approximately 8 acres. Prior to planting the site was prepped by the removal of dead and non-native vegetation. A crew of 10 from the Youth Corps of Southern Arizona assisted Yuma BLM staff from March 6 to 17, 2005 with the planting of 175 cottonwood and willow trees from sprouted pole stock along with 880 potted mesquite trees. Wire cages were constructed around each tree for protection from beavers and rabbits.

A temporary irrigation system was established to allow the planted trees to develop to a size where they would survive without watering. A volunteer was recruited to assist BLM staff with watering for a 3-month period over the hottest part of the year. Equipment and materials were purchased for the irrigation system and protective wire cages.

Additional equipment purchases included a chipper to treat dead material that poses a risk for the restoration that has been accomplished. Radios were also acquired to address security concerns for a survey project being conducted to identify wildlife management areas that have been impacted by illegal border activities.

Results:

There was a 50% survival rate for the tree pole plantings. The average survival rate for tree pole plantings is 5-10%. As a result of the success rate for the pole stock, this project will be used as a model to formulate site selection criteria for future restoration projects. The survival rate for potted tree stock was approximately 20%. A contributing factor to the survival rate of the potted stock was browsing by rabbits before the protective cages could be installed.



Before



During



During



After

Appendix F

FY 2005 Border Project

National Park Service

Project Name: UDA Clean-Up

Unit Name: Fort Bowie National Historic Site

Date of Project: FY2005

Location: *Township:* 15 S. *Range:* 28 E. *Sections:* 1-3 and
Township: 15S. *Range:* 29E. *Sections:* 18-19

Participants: Larry Ludwig – NPS
Andy Brinkley – NPS
Phil Tapia, JR. – NPS
Gary Gilbert – NPS
Lana Moore - NPS
Jeff McGovern - NPS
Helitack Crew – USFS

Project Coordinator(s): Larry Ludwig
Alan Whalon

Project Description:

We continued to monitor nine UDA activity sites. Only one site (Site 8) in the mouth of Siphon Canyon continued to show heavy UDA use. We also combined efforts with the Forest Service to remove UDA trash from Bear Springs Canyon (which is BLM land) just east of Fort Bowie. In April a YCOSA (Youth Corps of Southern Arizona) crew and Park Service employees cleaned the canyon for nearly two and half miles.

Results:

The mouth of Siphon Canyon produced over 325 pounds of UDA trash that was hauled away. It consisted of backpacks, personal items and food and water containers. It was apparent that Bear Springs Canyon had been used by UDAs for years. In certain areas of the canyon the trash was over two feet deep. We collected over 423 pounds of UDA trash (18 large bags) that was packed to a saddle and flown out by a Forest Service helicopter. Included in this amount were numerous backpacks, clothing, personal effects and food and water containers. After the canyon was cleaned up, we noticed a significant decrease in UDA traffic through Bear Springs Canyon. Another canyon on the north side of Helen's Dome produced over 43 lbs of trash and finally, Apache Pass Road produced another 85 pounds of trash and two car seats. This brought the total amount of UDA trash removed in FY05 to over 876 pounds.

Fort Bowie National Historic Site
Clean-up FY 2005



Bear Springs Canyon: Hauling garbage to top of pass for helicopter removal. January 26, 2005



Bear Springs Pass: Piling garbage by YCOSA crew for helicopter removal. January 26, 2005

APPENDIX G
FY 2005 Border Project
U.S. Fish and Wildlife Service
San Bernardino/Leslie Canyon National Wildlife Refuges

Project Name: Debris Cleanup

Unit Name: San Bernardino / Leslie Canyon National Wildlife Refuges

Date of Project: Fiscal Year 2005

Location: *Township: 24S. Range: 30E. Section: 14*

Participants: U.S. Fish & Wildlife Service
\$ 7,257 Border Funding (portion of term position)
\$30,000 U.S. Fish & Wildlife Service (term position)

Project Coordinator(s): William R. Radke, Refuge Manager

Description of Project: Due to illegal immigration and drug smuggling, tremendous amounts of trash and human waste have been disposed of on the two wildlife refuges in Cochise County. Border funding has allowed filling 25% of a term position to clean up this mess and prevent additional contamination on federal land.

Results: The photographs below taken during 2005 represent the cleanup efforts on San Bernardino and Leslie Canyon NWRs.



Before



FY2005 Border Project

USFWS---Leslie Canyon National Wildlife Refuge

Project Name: Vehicle Barrier Installation

Unit Name: Leslie Canyon National Wildlife Refuge

Date of Project: Fiscal Year 2005

Location: *Township: 21S. Range: 28E. Section: 20* GPS data: n/a

Participants: U.S. Fish & Wildlife Service
\$10,000 Border Funding (installation)
\$25,400 USFWS (materials & installation)

Project Coordinator(s): William R. Radke; Refuge Manager

Description of Project: \$10,000 of border funding was used to help install a total of 1,200 feet of corten steel vehicle guard rail at Leslie Canyon National Wildlife Refuge to prevent vehicles from leaving the county road and accessing remote areas on the refuge to pick up illegal immigrants and narcotics. This unlawful trend has resulted in damage to sensitive riparian areas by illegal immigrants, has led to the take of federally-listed threatened and endangered species, and has put staff, refuge visitors, and illegal immigrants at risk from overloaded vehicles which have left the roadway.

Results: This 1200 feet of vehicle barrier supplements an additional 550 feet of guardrail that was installed during 2004. As a result, illegal vehicle access has been stopped along a major portion of Leslie Creek previously used by smugglers. Vehicle accidents and resulting human injury have been stopped along this stretch of roadway, native vegetation is healing, and the potential for contamination to the stream (and to endangered fish, plants, and amphibians) has been greatly diminished.



Before



After

APPENDIX H

FY 2005 Border Project

Cochise County

Project Name: UDI Trash Clean-up

Unit Name: Cochise County, Department of Facilities and Solid Waste Management

Date of Project: Fiscal Year 2005

Location: Sands Ranch, 12/13-12/16/0
Hwy 90 and MP 275.8, Sierra Vista, 1/08/05
Hwy 90 and MP 294, Benson, 2/21/05
Highway 80 and MP 332, Bisbee, 2/25/2005
Highway 90 and MP 331, Bisbee, 2/26/05
Smith Ranch, 3/18, 3/24/05, Benson
Hwy 90 at mp 302, Whetstone, 5/06/05
Ogurek Ranch, Hereford, 5/27/05
Oak Ranch, Hwy 181, MP 52, 6/03/05
Nickelson Farm, Sunizona, 7/13/05
Wilson Road, Bisbee, 7/23/05

Participants: Various non-profit organizations residing within Cochise County such as Boy Scout Troops, local high school students, church organizations, Rotary clubs, and youth groups as well as the Youth Corp of Arizona (YCOSA.)

Project Coordinator(s): Chuck Tuzil, Cochise County Solid Waste Inspector

Description of Project: Site cleanup on UDI routes and dropping off/picking up points within Cochise County along state highways, unimproved roads, or ranch sites.

Results: 11.5 tons of refuse was removed in fiscal year 2005 from eleven separate locations with at least 40% being removed from the 5 ranch sites. Monitoring is occurring on some sites especially along state routes. It appears at areas monitored that smaller amounts of trash are being deposited at a slower rate. State highway 90 and 92 are scenic routes, and the trash pickups have enhanced tourism and photo opportunities.

**FY 2005 Border Project
Cochise County**

Illegal Immigrant Trash on
Ogurek Ranch
Cleanup May 27, 2005



**FY 2005 Border Project
Cochise County**

Oak Ranch, MP 52, Highway 181
June 3, 2005



Before



After



Before



After

Appendix I

FY 2005 Border Project

Graham County

Project Name: Undocumented Immigrants Clean-up near Safford

Unit Name: Graham County Board of Supervisors

Date of Project: January 22, 2005

Location: *Township: 6S. Range: 25E Section: 7*

Participants: SEACAB Volunteers, County Employees and other Volunteers

Project Coordinator(s): Rob Chesley, Jay Rasco and Clel Flake

Description of Project: Approximately 25 volunteers gathered to cleanup trash that was scattered about an abandoned house west of Eight Avenue and north of Highway 70 in Safford. The County furnished a front end loader to tear down the house and assist in loading all the larger items in the roll-off dumpsters to be hauled away to the landfill. This area was somewhat hidden by trees ideal for various illegal activities to take place. Site is being used as a shelter by illegal immigrants and other transients.

Results: The old building was removed, trashed pick-up and site gated to discourage vehicles entering area. County roll-out container filled with debris and refuse.



Before



After

FY 2005 Border Project Graham County

Project Name: Railroad Wash Clean-up near Franklin, AZ

Unit Name: Graham County Board of Supervisors

Date of Project: September 10, 2005

Location: *Township: 9S Range: 32E Section: 16, 21, 27, 34,*

Participants: SEACAB Volunteers and BLM Personnel

Project Coordinator(s): Bonnie Winslow, Jay Rasco and Clel Flake

Description of Project: Trash strewn along an unimproved roadway/two-tire track from the highway approximately eight to ten miles back to a windmill site was cleaned up on this Saturday. Trail of water bottles were found along railroad tracks and roadway plus miscellaneous day packs, blankets, and clothing items. Windmill was an obvious collection point, although trash appears to be old. Day packs were found thrown into middle of large bushes or trees to avoid appearance.

Results: 16 bags of trash including bicycle tire and rim. Trash was hauled to Safford city landfill.



Following a trail of water bottles



Blown-out tire and rim near windmill site.

**FY 2005 Border Project
Graham County**

**Railroad Wash Clean-up
near Franklin**



Illegal Immigrant Trash near
Franklin



Securing load – Franklin cleanup

APPENDIX J

Malpai Borderlands Group FY 2005 Border Project

Project Name: UDI TRASH CLEAN-UP ANNUAL REPORT

Unit Name: MALPAI BORDERLANDS GROUP
6226 Geronimo Trail Road,
P. O. Drawer 3536, Douglas, AZ 85608
520-558-2470 mbg@vtc.net

Date of Project: October 1, 2004 to September 30, 2005

Location: Southeastern Arizona (area map enclosed)

From Douglas east on the Mexican Border to the border of New Mexico, go north on the border to just above the confluence of Township 21S and 22S then go west to Highway 80 and south to Douglas, Arizona.

Add to this area, some cleanup on Leslie Canyon Road area north of Douglas and west of Highway 80, into Tex Canyon and Buck Creek, in the Pedregosa Mountains and Chiricahuas.

Project Coordinators: Malpai Borderlands Group and local property owners/lessees.
Border Patrol helps with information.

Participants: Juan Rameriz, Contractor,
Shaine Parker, Contractor
Larry Brasher, Contractor on road repair.

Mr. Brasher repaired roads that were damaged by undocumented immigrants (UDI) or undocumented aliens (UDA) and Border Patrol traffic.

Mr. Rameriz has continued to work on the trash project until May 2005. He then was put in charge of the Malpai Watershed Project.

He was replaced with Shaine Parker who lives in the Malpai area.

Both men have reported daily to work, at least 5 days a week. They have tried to work areas that aren't wet when we have big rains like last winter. They have missed working because of some bad weather.

They go into an area as far as they can drive and walk long distances into trashed areas. This involves carrying bags of trash long ways to the roads. Often the trash is in isolated, steep, brushy canyons. The Border Patrol and local ranchers tell the trash man where there is a place that needs to be cleaned up. Because they are carrying the bags to their vehicles, and then depositing them in land fills where there is no scale to weigh the trash, it isn't possible to even approximate the weight. They average 8 to 10 bags a day. They use smaller bags for the heavier trash. They often empty the bags into the dumpsters and reuse the bags again.

Malpai Borderlands Group FY 2005 Border Project

Costs for year:

Labor: \$16,369.50

Supplies and fees: \$345.84

Mileage: \$3,126.20

Miles driven: 8,932 miles

Total BLM funds used for FY 2005 \$19,841.54

Results: There is a large area that has been cleaned up. Some roads were repaired where UDA and Border Patrol traffic had caused extensive erosion.

The trash that is removed consists of:

- **Personal Hygiene:** Razors, combs, brushes, shampoo, toothpaste, mouthwash, soap, makeup, toothbrushes, medications, (Naproxin, Advil, Aspirin, stomach meds, electrolytes), vitamins.
- **Clothing:** Pants, sox, underwear, shirts, hats, caps, gloves, coats.
- **Shoes-** high heels, shower shoes, boots, tennis shoes and thongs.
- **Jewelry:** Watches, necklaces, bracelets, knives, key chains.
- **Bottles:** Thousands of plastic water bottles from 1-gallon size to pint size, broken glass jars, electrolyte bottles, juices, milk containers, baby bottles.
- **Food cans:** most from Mexico, but some with Russian labels found here. Food cans opened with a pocketknife, leaving ragged edges and torn metal lids;
- **Food:** Bread, tortillas, jars of food, baby food and formula, food from Safeway and Wal-Mart in Douglas, complete with receipts, some not opened; juice, milk, sodas, electrolytes.
- **Paper:** Many items are from other countries besides Mexico. Forms from maquiladore factories; airline and bus ticket stubs; phone cards, Social Security cards; identification cards, pay receipts from work in US, photographs, letters, books, promissory notes, paper money, toilet paper, sanitary pads, disposable diapers.
- **Fabric and plastic:** Blankets, towels, table cloths, serapes, rags, rope, string, wire, lots of plastic bags used for carrying food, or large ones for use as raincoats. Back packs, fanny packs, shoulder packs, wallets, gloves.

Malpai Borderlands Group FY 2005 Border Project

- **Miscellaneous:** Batteries, cell phones, radios. Fecal matter that that the clean-up fellow buries.

Damage done from UDA traffic:

- Springs are fouled and full of trash. Water troughs are used as bath tubs and clothes washers.
- Calves and wildlife are killed for food.
- Fences are mashed down and broken, gates are left open, pipelines are cut, there is a larger incidence of theft from homes.
- The International Border fence is down in many places. Border Patrol/Horse Patrol has just recently begun to fix the fence in places. The ranchers have historically had to fix the border fences themselves.
- Cattle and wildlife are constantly frightened by people on foot and are running from groups. Shaine Parker was parked on the side of Highway 80 north of Douglas, gathering trash and his tires were slashed.

Good news:

There have been large areas that were trashed, that are now clean. Some of the areas are new trash and some are being cleaned again because of new traffic.

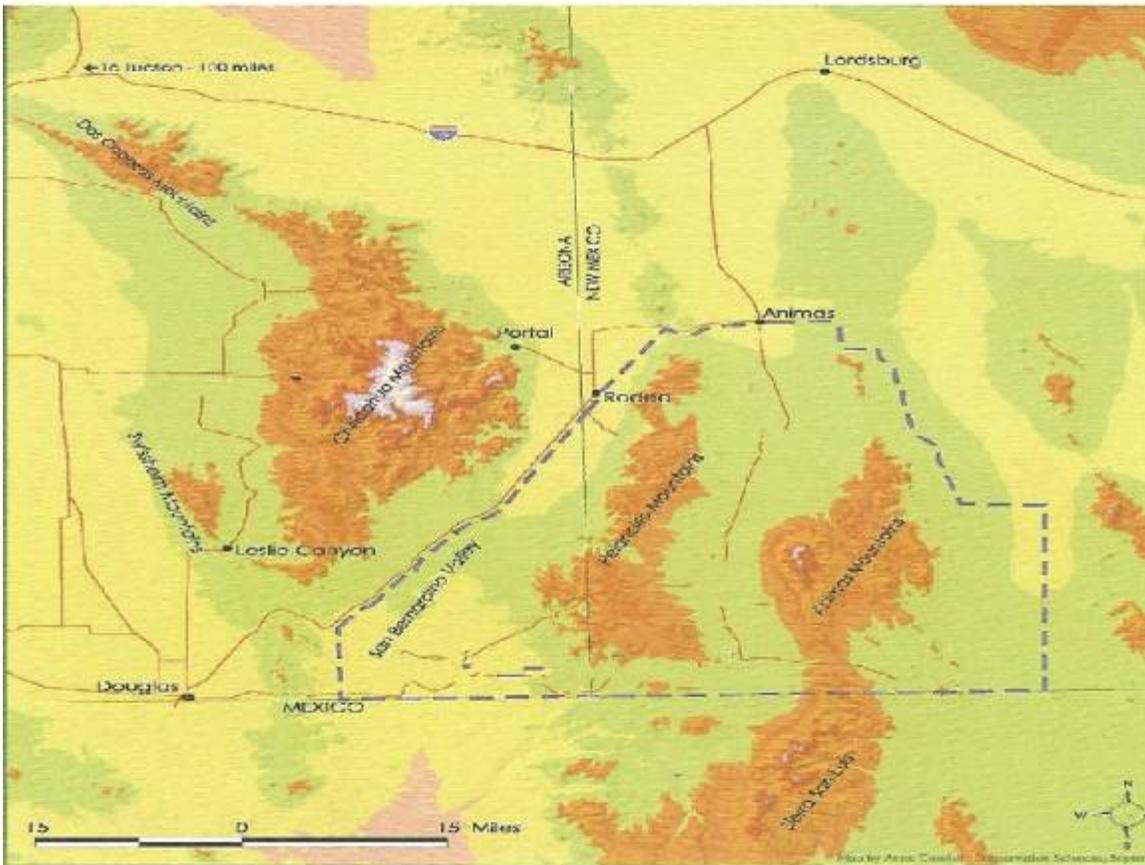
Several places are fencing off the wildcat roads that are a result of the vehicular traffic across the open country where there are no actual roads. Some roads were repaired where UDA and Border Patrol traffic had caused extensive erosion.

Additional Information for future plans:

This year, we had other money for the watershed work that we had to use. We probably will use some of this grant in the next year for some fencing, road work and other repairs of improvements that have been damaged. Drift fences are being built to control the cattle that are running in panic for several miles at a time.

Malpai Borderlands Group FY 2005 Border Project

Map showing Malpai Borderlands Group Area of Concern
in New Mexico and Arizona



**Malpai Borderlands Group
FY 2005 Border Project**



Malpais Borderlands
Group: Trash
Removal



MBG: area with
archaeological
sites

**Malpai Borderlands Group
FY 2005 Border Project**



MBG:
archaeological
site covered by
UDI trash



MBG:
archaeological
site covered by
UDI trash

**Malpai Borderlands Group
FY 2005 Border Project**



Before trash removal



Malpai Borderlands Group FY 2005 Border Project



After trash removal and clean-up

**Malpai Borderlands Group
FY 2005 Border Project**



Before (above) and After (below)



Malpai Borderlands Group FY 2005 Border Project



Before (above) and After (below)



**Malpai Borderlands Group
FY 2005 Border Project**



Before (above) and After (below)



Malpai Borderlands Group FY 2005 Border Project



Before (above) and After (below)



**Malpai Borderlands Group
FY 2005 Border Project**



Before (above) and After (below)



Malpai Borderlands Group FY 2005 Border Project



Before (above) and After (below)



Malpai Borderlands Group FY 2005 Border Project



Before (above) and After (below)



**Malpai Borderlands Group
FY 2005 Border Project**



Before (above) and After (below)



**Malpai Borderlands Group
FY 2005 Border Project**



Before (above) and After (below)



Malpai Borderlands Group FY 2005 Border Project



Trail Clean up: Before (above) and After (below)



**Malpai Borderlands Group
FY 2005 Border Project**



Rest Stop Clean Up: Before (above) and After (below)



**Malpai Borderlands Group
FY 2005 Border Project**



A new trail is cleaned up: Before (above) and After (below)



**Malpai Borderlands Group
FY 2005 Border Project**



Before (above) and After (below)



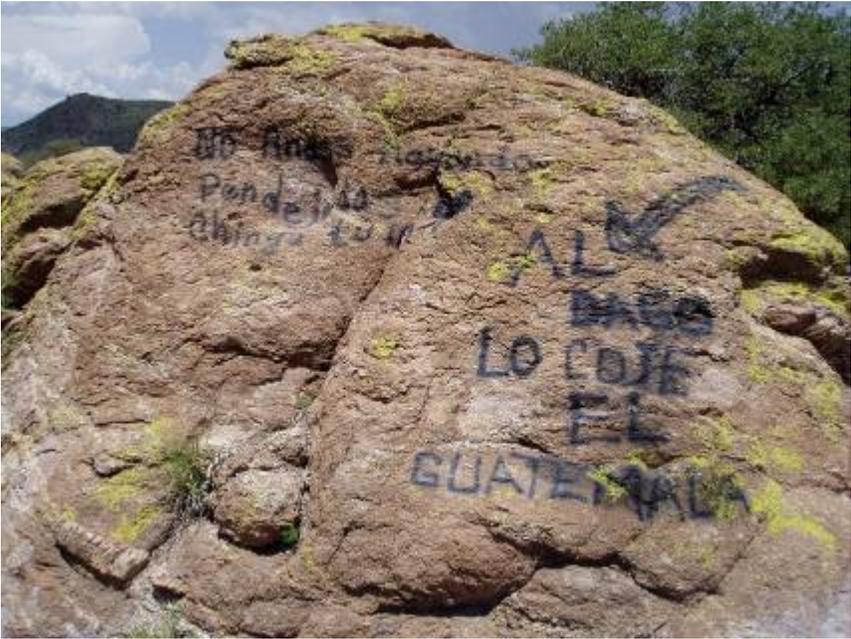
**Malpai Borderlands Group
FY 2005 Border Project**



At the International Border Before (above) and After (below)



**Malpai Borderlands Group
FY 2005 Border Project**



Rock defacement: Anti-Border Patrol (above)
Wildcat road (below)



Malpai Borderlands Group FY 2005 Border Project

Items left by illegal immigrants: identification, family photographs, Bible, medicines and blankets



Malpai Borderlands Group FY 2005 Border Project

Trash Removed: Worn tires left from road dragging



**Malpai Borderlands Group
FY 2005 Border Project**



Marijuana pack (above) and trash site encountered by visitors to the borderlands



**Malpai Borderlands Group
FY 2005 Border Project**



Near Spring in mountains (above); spring in mountains (below)



Appendix K
FY 2005 Border Projects
Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Artesia Village**, Baboquivari District

Date of Project: September 23, 2004

Location: Artesia Wash - GPS N31deg 54.614 W111deg 51.488

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: There are (four) 4 sites in the village. Bad road conditions, site locations are hard to reach.

Results: We collected 219 trash bags, worked in wash area with mesquite grove which provides canopy cover.

FY 2005 Border Projects Tohono O'Odham Nation

Before



After



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Big Fields**, Sells District Tohono O'Odham Nation

Date of Project: September 21, 2004

Location: Big Fields - GPS Waypoints - Site location were along the road MP 3 -5.
N31deg54.789 W111deg57.333
N31deg54.870 W111deg58.406

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: There are a total of 4 sites with 3 at Mile Post 5 in village of Big Fields

Results: We collected 59 trash bags. Items were scattered here and there. Site locations were identified by Community Representatives

FY 2005 Border Projects Tohono O'Odham Nation

Before

After



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Comobabi Village**, Schuk Toak District, Tohono O'Odham Nation

Date of Project: September 22, 2004

Location: Comobabi Village - Located on the Eastern part of the reservation at the end of village in a wash area.
N31deg56.125 W111deg54.936 N32deg03.373 W111deg48.077

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: There are 2 sites in the village. This site required the crew to hike into the site area approximately 100 yards from village into the wash area.

Results: We collected 13 bags of Undocumented Migrant trash and documents

FY 2005 Border Projects Tohono O'Odham Nation

Before



After



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: Covered Wells, Gu Achi District

Date of Project: November 15, 2004

Location: Lower Covered Wells, Upper Covered Wells and Mountain Village
N32deg10.148 W112deg09.370 N32deg10.067 W112deg09.369
N32deg10.070 W112deg09.426 N32deg10.230 W112deg08.902

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: There are 4 identified sites in Covered Wells which includes Mountain Village.

Results: We collected 27 Undocumented Migrant trash bags.

Before



After



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: Crow Hang Village, Schuk Toak District, Tohono O'Odham Nation

Date of Project: September 16, 17 & 20, 2004

Location: Crow Hang Village - GPS
N31deg59.338 W111deg41.732 N32deg01.750 W111deg43.155
N32deg00.284 W111deg42.703 N32deg00.193 W111deg42.559
N32deg01.188 W111deg44.835 N32deg00.772 W111deg42.710

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: There are 6 sites in the village. These sites are also along Highway 86. These sites are on-going clean up sites due to frequent pick up and drop off points of illegal migrants by smugglers

Results: We collected 455 bag approximately within half a mile range from 6 different sites.

Before



After



FY 2005 Border Projects Tohono O'Odham Nation

Before and after shots of the Crow Hang Sites



FY 2005 Border Projects Tohono O'Odham Nation

Before and after photos of the Crow Hang Sites



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Fresnal Village**, Baboquivari District

Date of Project: September 23, 2004

Location: Fresnal Village – Consist of Mile Post 120, wash area and in the canyon along Baboquivari Mountain
N31deg56.765 W111deg46.166 N31deg50.206 W111deg53.571

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: We cleaned in the wash area about ¼ of mile behind a pasture. Also in the canyon area near Baboquivari Mountain

Results: We collected 387 bags of undocumented migrant trash.

FY 2005 Border Projects Tohono O'Odham Nation

Fresnal Village, before and after photographs



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Jackrabbit-** Sif Oidak District

Date of Project: June 20, 2005

Location: Jackrabbit site, About 11 mile from the village, it is road, the illegal immigrants and smugglers made a road to this site.
N32deg32.836 W111deg48.574

Participants: Solid Waste Management Labor, Leander Garcia, Mark Miguel, Joey Rios, Dwight Rios and Roy Parades

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: This area required a massive clean up detail due to volume of undocumented migrant trash and new roads that the UDM and smugglers made to the site.

Results: From this site we collected 113 bags of UDM trash.

FY 2005 Border Projects Tohono O'Odham Nation

Before



After



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Garcia Strip** - Schuk Toak District, Tohono O'Odham Nation

Date of Project: November 11, 2004

Location: Garcia Strip - Schuk Toak District, Tohono O'Odham Nation
N42deg11.291 W111deg18.161 N32deg10.530 W111deg18.164
N32deg12.057 W111deg18.445 N32deg12.665 W111deg18.186

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: Garcia Strip is a village near Sandario Road. The site is under a power line and about the crew cleaned about one mile stretch of area. This site was identified by a community member.

Results: We collected 100 bags of debris in this area.

FY 2005 Border Projects Tohono O'Odham Nation

Before



After



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **KaKa Village**, Sif Oidak District, Tohono O'Odham Nation

Date of Project: October 26 -28, 2005

Location: KaKa Village - Sif Oidak District, the west end of the Tohono O'odham Nation

Participants: Solid Waste Management Labor, Leander Garcia, Mark Miguel and Joey Rios

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: Undocumented Migrant would travel on bicycles to get to a pick up point and then they would leave their bikes in Kaka village.

Results: We collected approximately 1020 bicycles from this area. This is also a on-going clean up project.



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Kitt Peak** - Schuk Toak District, Tohono O'odham Nation

Date of Project: March 2005

Location: Kitt Peak - GPS N32deg 01.550 W111deg 34.655, N32deg 01.364 W111deg 34.508

Participants: Solid Waste Management Labor, Leander Garcia, Mark Miguel and Joey Rios

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: There is a bridge underpass where the undocumented migrant would camp and sleep.

Results: We collected 47 bags from these two areas.

FY 2005 Border Projects Tohono O'Odham Nation

Before



After



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Little Tucson** - Baboquivari District

Date of Project: October 19 - 22, 2004

Location: Little Tucson, Baboquivari District along Highway 86 and behind residence homes
N31deg54.288W111deg46.897N31deg54.207
N31deg53.881W111deg46.642N31deg53.835
N31deg54.202W111deg46.127N31deg54.808
N31deg54.374W111deg49.025

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: There are 7 site locations in this high traffic area. These sites are holding areas where undocumented migrant wait for pick up by smugglers. Black tarps and trash bags are used to hide from Border Patrol helicopters. Also the UDM would use the low tree lines as canopy cover from the Law Enforcement agencies.

Results: In these areas we collected 834 bags. This is an on-going clean up site due to fact that these area are considered high traffic area by undocumented migrant and smugglers. Some of the sites are near the road on Highway 86.

FY 2005 Border Projects Tohono O'Odham Nation

Little Tucson, before and after



FY 2005 Border Projects Tohono O'Odham Nation

Little Tucson Photos of a House use as a shelter, before and after



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: Nolic Community - Sells District, Tohono O'Odham Nation

Date of Project: November 4, 2005

Location: Nolic Community is about a mile and half off Highway 86 North of Sells.
No GPS coordinates at this time.

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: This area required driving through a wash to get to the job site about one quarter of a mile into the wash area.

Results: We collected 37 bags in the wash area and along the bank, tree line and dike.

Before



After



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Pan Tak Village** - Schuk Toak District, Tohono O'odham Nation

Date of Project: October 7, 2004

Location: N32deg00.945 W111deg33.533

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: This community is located below the Kitt Peak Observatory.

Results: We collected 47 bags from this area.

Before



After



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Pia Oik Village**, Gu Vo District, Tohono O'Odham Nation

Date of Project: October 5 -6, 2005

Location: Pia Oik Cemetery near the village and in the Charco.
N31deg56.885 W112deg32.607 N31deg56.755 W112deg32.698

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: This site required cleaning around the cemetery and in small wash and about 100 yards to the charco are where the undocumented migrants would camp.

Results: The crew collected 106 bags of undocumented migrant trash.

Before

After



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Pipeline Road** - Hickiwan District, Tohono O'Odham Nation

Date of Project: 2004/2005

Location: Located in Hickiwan District through the village of Cocklebur.
N32deg42.233 W111deg57.189 N32deg40.625
W112deg02.689

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: This area is utilized by the undocumented migrants as a corridor through the reservation. Items found are abandoned vehicles and bicycles used as a mode of transportation. The undocumented migrants gain access to the reservation from a Mexican border town of Sonoita.

Results: We have removed about 400 bicycles from the area, however, the Abandoned vehicle removal requires funding and proper equipment for the project. We estimated that there are about 200 plus abandoned vehicles in the area that need to be removed.

FY 2005 Border Projects Tohono O'Odham Nation

Pipeline Road, before and after



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Pisinemo Village** - Pisinemo District, Tohono O'Odham Nation

Date of Project: December 17, 2004

Location: Pisinemo Village - Pisinemo District, Tohono O'Odham Nation
N32deg10.434 W111deg13.580 N32deg10.262 W111deg15.883
N32deg09.545 W112deg15.752 N32deg09.293 W112deg15.453
N32deg09.960 W112deg15.923 N32deg05.848 W112deg17.629

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: Pisinemo Village is used by the smugglers as dumping ground for stolen vehicles and drop off points of undocumented migrants, who would make their way on foot to a known pick up point near the dirt road.

Results: We collected 159 bags of debris. Pisinemo Village has 13 different site locations for Undocumented Migrant campsites.

FY 2005 Border Projects Tohono O'Odham Nation

Pisinemo Village, before and after



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Queen's Well** - Schuk Toak District, Tohono O'Odham Nation

Date of Project:

Location: Queens Well is located in Schuk Toak District N-E of Santa Rosa Ranch in Tohono O'odham Nation
N32deg19.018 W111deg41.591 N32deg10.360 W111deg39.397
N32deg10.315 W111deg39.549

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: This area is a remote location on the west end of the reservation. The road cuts through one of the most heavily traversed corridors that the undocumented migrants use to sneak in and out of the reservation.

Results: We collected 123 bags of debris from the 3 different sites in Queen's Wells.



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Romell's Well**, Schuk Toak District, Tohono O'Odham Nation

Date of Project: March 30, 2005

Location: Romell's Well, Schuk Toak District, Tohono O'Odham Nation
N32deg17.769 W111deg30.551

Participants: Solid Waste Management Labor, Leander Garcia, Mark Miguel, Isaac Acosta, Joey Rios plus 4 additional labors

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: This location appears to be a drop off point for the smugglers. The undocumented migrant would camp out in this area which is in the mountains in the village of Queens Well. This location was identified by a community representative.

Results: We collected 80 bags from this area alone. Items were scattered in a 200 yard radius. Items would be on the road, near small washes. This areas also has abandoned vehicles that have not been removed to date.

FY 2005 Border Projects Tohono O'Odham Nation

Romell's Well, before after after



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **San Miguel Community**, Chukuk-Kut District, Tohono O'Odham Nation

Date of Project: September 28, 2004

Location: San Miguel Community - In wash from road all the way to a dike.
N31deg33.320 W111deg46.290 N31deg36.974 W111deg46.050
N31deg37.527 W111deg46.746 N31deg37.528 W111deg46.767
N31deg37.535 W111deg46.686 N31deg37.517 W111deg46.833

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: San Miguel is situated about 5 miles from the Mexican Border, the crew cleaned about 1/4 mile of the wash. This area is a high traffic area of the undocumented migrant and the smugglers. Easy access to the road and near by community for water and cover from Law Enforcement agents. Undocumented migrants travel in packs and camp out in the wash area waiting for a ride. This community encounters many breakins by illegal in search for food, clothing and weapons.

Results: The crew collected 84 undocumented migrant trash from these areas. There are 6 different sites in San Miguel.

Before



After



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: San Pedro - Schuk Toak District, Tohono O'odham Nation

Date of Project: November 22, 2004

Location: San Pedro Village is located in the Schuk Toak District about 10 miles from Three Points on the east end of the Tohono O'Odham Nation.
N32deg06.164 W111deg29.642 N32deg07.587 W111deg29.541
N32deg05.933 W111deg29.374

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: This area is a high traffic and well traveled road for the undocumented migrants and smugglers. This particular road will lead to a power line straight to the town of Marana, Arizona.

Results: The crew constantly cleaned these areas of wash and open range. Undocumented migrant trash would be scattered through this area. The Crew would rake the area up and place them in piles in order to bag the items for removal. Often times the a crew member would drive the vehicle, while others would throw the trash in the bed of the truck. We collected 164 bags from the 3 different sites.



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **San Xavier**, Vahalla Road - San Xavier District, Tohono O'Odham Nation

Date of Project: March 15, 2005

Location: San Xavier, Vahalla Road, San Xavier District, Tohono O'Odham Nation
N32deg06.249 W111deg08.036

Participants: Solid Waste Management Labor, Leander Garcia, Mark Miguel, Joey Rios and the San Xavier Rangers.

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: This project was a joint effort with the Solid Waste Management Labor and San Xavier Rangers. The site is located on the San Xavier District on Vahalla Road and the Power Line towards Sandario Road.

Results: We collected 313 bags of debris from this area which stretches about 1/4 of a mile.

FY 2005 Border Projects Tohono O'Odham Nation

Before clean up.



FY 2005 Border Projects Tohono O'Odham Nation

After clean up



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Santa Rosa Ranch** - Schuk Toak District Tohono O'Odham Nation

Date of Project: November 23, 2004

Location: Santa Rosa Ranch - Schuk Toak District Tohono O'Odham Nation
N32deg07.648 W111deg39.093 N32deg07.778 W111deg39.743
N32deg07.890 W111deg39.622

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: Santa Rosa Ranch Village has 3 different sites that were cleaned. These areas are pick up points for smugglers. The undocumented migrant utilize the charco area, along the dike with low tree lines that provide coverage. The undocumented migrant set up camp in these areas and wait for their ride. Often times the crew would have to cut some of the low tree over hang to get to the debris. Due to the condition and hard to reach area, debris are often rotten and molded, items are raked up and placed in bags.

Results: We collected 244 bags of trash from the 3 different sites.



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Santa Rosa Village** - Gu Achi District, Tohono O'odham Nation

Date of Project: November 29, 2004

Location: Santa Rosa Village - Gu Achi District, Tohono O'odham Nation, GPS coordinates at this time.

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: Santa Rosa Village is on the west end of Tohono O'odham Nation. This area is located behind a local rancher pasture.

Results: We collected 90 bags of debris in this area that was scattered throughout.

Before



After



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Sells Community** - Sells District, Tohono O'odham Nation

Date of Project: November 2 - 4, 2004

Location: Sells Community - Sells District, Tohono O'odham Nation
- No GPS coordinate at this time.

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: This area is located behind the Sells Lagoon, the crew would park the vehicles and walk into the wash area. The crew picked up debris scattered throughout the wash area and haul the trash out to vehicles about 300 yards. This area connects with another wash called Vamori wash where the Undocumented Migrant would use as a trail to get to the main town of Sells.

Results: We collected 95 bags of debris in this area.

Before



After



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Sierra Blanca Mountains**, Gu Achi District, Tohono O'odham Nation

Date of Project: January 18, 2005

Location: Sierra Blanca Mountains - Gu Achi District, Tohono O'odham Nation
N32deg15.757 W112deg16.490 N32deg15.703 W112deg16.576

Participants: Solid Waste Management Labor, Leander Garcia, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: The Sierra Blanca Mountain range is located in the Gu Achi District of the Tohono O'Odham Nation, it is also known as Many Dishes. This location is hard to get to, it was identified by the Rangers as an area that was used by smugglers to drop off and pick up undocumented migrants due to it being a back road or another route to Highway 86. The area provides the undocumented migrant time to rest and camp out for long periods of time because of the remoteness, "out of sight out of mind" type of area. **The undocumented migrant would also clean this area and pile their trash for the crew to pick up.**

Results: We collected 37 bags of debris from these sites.

FY 2005 Border Projects Tohono O'Odham Nation

Sierra Blanca Mountains,
Before



After



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: **Topawa Village**, Baboquivari District, Tohono O'Odham Nation

Date of Project: September 28, 2004

Location: Topawa Village - Baboquivari District, Tohono O'Odham Nation
N31deg48.855 W111deg49.383

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: The undocumented migrant would use this wash area during the day and at night they would seek refuge in an old school house nearby to shower and restroom while they are waiting to be picked up by the smugglers.

Results: We collected 48 bags of debris in the wash area.

FY 2005 Border Projects Tohono O'Odham Nation

Topawa, before and after



FY 2005 Border Projects Tohono O'Odham Nation

Topawa School, before and after.



FY 2005 Border Projects Tohono O'Odham Nation

Project Name: Undocumented Migrant Clean Up Project -Solid Waste Management Program

Unit Name: Vamori Village - Chukut Kuk District, Tohono O'odham Nation

Date of Project: September 22, 2004

Location: Vamori Village - Chukut Kuk District, Tohono O'odham Nation

Participants: Solid Waste Management Labor, Leander Garcia, Bernard Carmen, Mark Miguel, Isaac Acosta, Joey Rios and Cecelia Michaels

Project Coordinator: Faavae David Tautolo, UDM Project Supervisor

Description of Project: The Vamori area is located southwest of the Tohono O'Odham Nation. The wash area is commonly used by the undocumented migrant. This wash runs from the Mexican Border throughout the Nation. Debris such as plastic bottles, back packs, food and clothing are scattered throughout the wash area and clothing, traps are hanging from trees. Often times during the Monsoon season the items are carried in the wash by water currents to other locations throughout the Nation.

Results: We collected 18 bags from this area of the Vamori wash.

Before

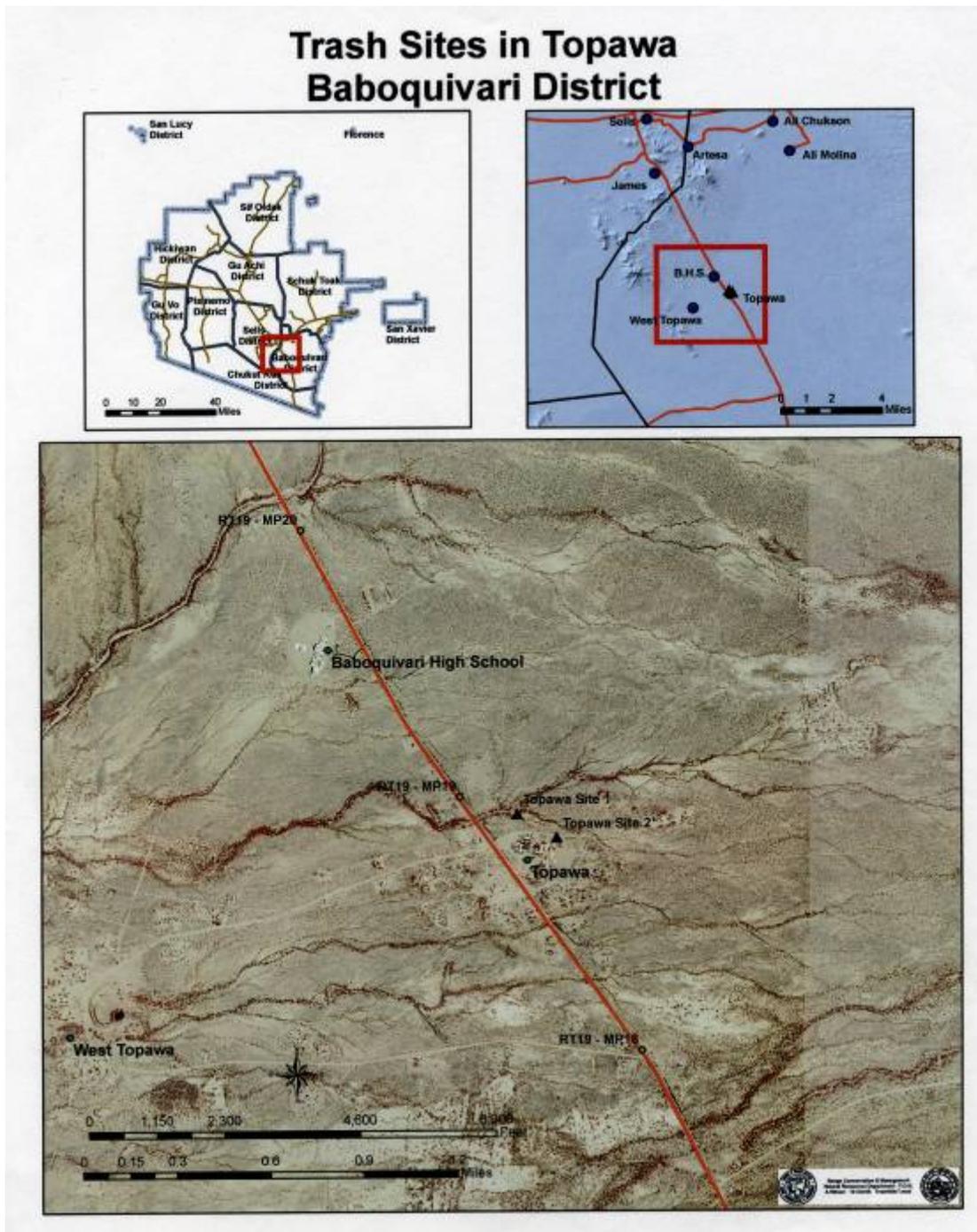


After



FY 2005 Border Projects Tohono O'Odham Nation

Example #1 of Project Mapping for all Trash Sites Reported



FY 2005 Border Projects Tohono O'odham Nation

Example #2 of Project Mapping for all Trash Sites Reported

