

APPENDIX B

The Southern Arizona Project End-of-Year Report

Bureau of Land Management Gila District --Tucson Field Office

Student Conservation Association:

The Student Conservation Association (SCA) interns are the core of much of TFO's Southern Arizona Project program to address the environmental impacts from illegal immigration. SCA interns to the TFO spend a significant amount of time organizing and working with a variety of organizations and groups to do cleanup and rehabilitation of lands degraded from illegal immigration impacts. In addition, the SCA interns spent more than 125 hours by themselves cleaning up 271 bags (approximately 135.75 cubic yards) of trash left by smugglers and illegal immigrants. They also rehabilitated 384 feet of illegal routes and repaired 253 feet of damaged fences. Due to personnel issues, there are no complete detail reports for projects completed by SCA interns on the SPRNCA and LCNCA. Also, projections for amount of work completed for FY06 is less than expected due to the unfulfilled length of service by three SCA interns. (for project detail) In fiscal year 2006, \$97,280 was spent to recruit two interns for the IFNM for 52 weeks of service and two interns for SPRNCA for 26 weeks of service.

In addition to funding the SCA interns, this money provided SCA interns and volunteer crews with a range of safety and communication equipment necessary due to the remoteness, desert conditions and illegal smuggling activities. Providing the necessary training and communication is time-consuming and expensive, but necessary as part of the hazard mitigation efforts.

Safety Training, Orientation, Equipment and Supplies for SCA interns

- Providing or purchasing digital cameras, GPS units and binoculars
- Providing or purchasing backpacks and water containers for field work
- Providing safety equipment including gloves, trash grabber sticks, hand cleaner, first aid kits and appropriate PPE (e.g. hearing and eye protection)
- Fence cutting repair tools and materials
- 80-hour medical training (Wilderness First Responder) or Refresher WFR
- 32-hour Desert Ecology course (Institute of Desert Ecology)
- Vehicles, laptop computers, cell phones, calendars and office supplies
- Tools and emergency equipment for vehicles
- Equipment and vehicle maintenance and repairs including replacement tires for field truck
- Cargo nets, tie downs, towing equipment and other supplies to haul litter
- Immunizations to mitigate exposure to high risk diseases
- Travel money for camping to accomplish projects related to Undocumented Immigrant work in remote areas
- Purchase of a winch for removing smuggling vehicle car parts in washes and other heavy debris

- Hand tools for volunteer and youth crew projects, especially for vertical mulching projects of illegal smuggling vehicle routes
- Purchasing toilet system to dispose of human waste for project crews and large volunteer events

Telecommunications

To minimize the possibility of detection, smugglers and illegal immigrants many times use southern Arizona's more remote areas as they travel north to their pick-up points. These well-used routes contain heavy concentrations of litter, human waste and resource damage, which adversely affect the experience of legitimate visitors as well as potentially causing illness or other harmful effects in wildlife and livestock.

These remote areas often have little or no radio or cell phone communications capability. To help ensure the safety of persons cleaning up the concentrations of litter and repairing resource damage caused by smugglers and illegal immigrants in these back-country areas, BLM purchased the following telecommunication items in FY2006:

- Charging stations and rechargeable battery packs for existing handheld radios (prior to upgrade of radio equipment upon assessment by the previously vacant position of Telecommunications coordinator for the Gila District)
- Pre-paid satellite phone plans for 7 phones in support of UDI projects and staff in the TFO area, totaling \$3800. These phones provide the only communication link in many areas where cleanup work is occurring. Each SCA team is issued a Satellite phone as well as the Park Ranger for IFNM. Additionally, each crew camped in remote locations with no cell or radio contact is issued a satellite phone. One phone is available for check-out at both Tucson Field Office and San Pedro Project Office, for staff going into border areas with no cell phone or radio coverage.
- Hands free car kit for one Satellite phone for IFNM park ranger working alone in remote areas where illegal activity is occurring. This item will eliminate the necessity to exit the vehicle in order to gain satellite coverage when attempting to make an emergency call.
- Maintenance and parts for existing cellular phones: chargers, antenna, etc.
- Replaced 10 EF Johnson handheld radios with 10 Bendix King handheld radios (upgrade of handheld radio equipment after assessment by Gila District Telecommunications coordinator). Charging stations, rechargeable battery packs, battery packs, protective cases, extra antennas, and a cloning cable for the new handheld radios. This upgrade totaled \$18,357. The handheld radios were replaced because the EF Johnson radios were not performing successfully under existing conditions.

SPRNCA Water Gaps and Vehicle Barriers

There was \$2000 set aside for reinstallation and repair of vehicle barriers and water gaps along the San Pedro. Two Environmental Careers Organization (ECO) Park Rangers with the San Pedro Field Office worked to install vehicle barriers at Beed Hill. In addition, the ECO rangers reinstalled and repaired water gaps that had suffered extreme damage at Escuple Wash.

LCNCA Vehicle Barriers

This 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. This project was completed in December 2005.

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. Future projects include lock installation on the gates, placement of additional regulatory signs and final mulching. Details below.

Pilot Sign Project (LCNCA)

In Fiscal Year 2006, \$5000 was set aside for a pilot sign development and sign production project to address some of the unique issues to land management along the international border. This funding was used to design a series of stickers to be placed on “Carsonite” “Rockart or “Rhino” type posts and to design a visitor warning sign. Fabrication of three ¾ inch thick x 24”x36” signs to be placed in LCNCA existing metal sign holders.

BLM Tucson Field Office, Las Cienegas National Conservation Area staff hired Ormsby and Thickstun Studio to design and develop the first of a whole series of signs, for a total fee of \$2500. A Border Issue sign plan is being developed by Outdoor Recreation Planner for Las Cienegas NCA and Wilderness Specialist. In it several types of signs will be aimed at several different audiences to convey specific types of messages.

The first is a bi-Lingual/Universal for all types audiences or visitors. These are a series of universal 3" inch stickers to be used on Carsonite type signs.

- simple graphic /universal symbol
- funding for design/file format only
- correct translation pending

Examples:



FIRE

Never leave a campfire unattended. Even a small breeze could quickly cause the fire to spread.

FUEGO

Nunca deje desatendido un fuego en un campamento. Cualquier brisa ligera podría iniciar un incendio.



WATER

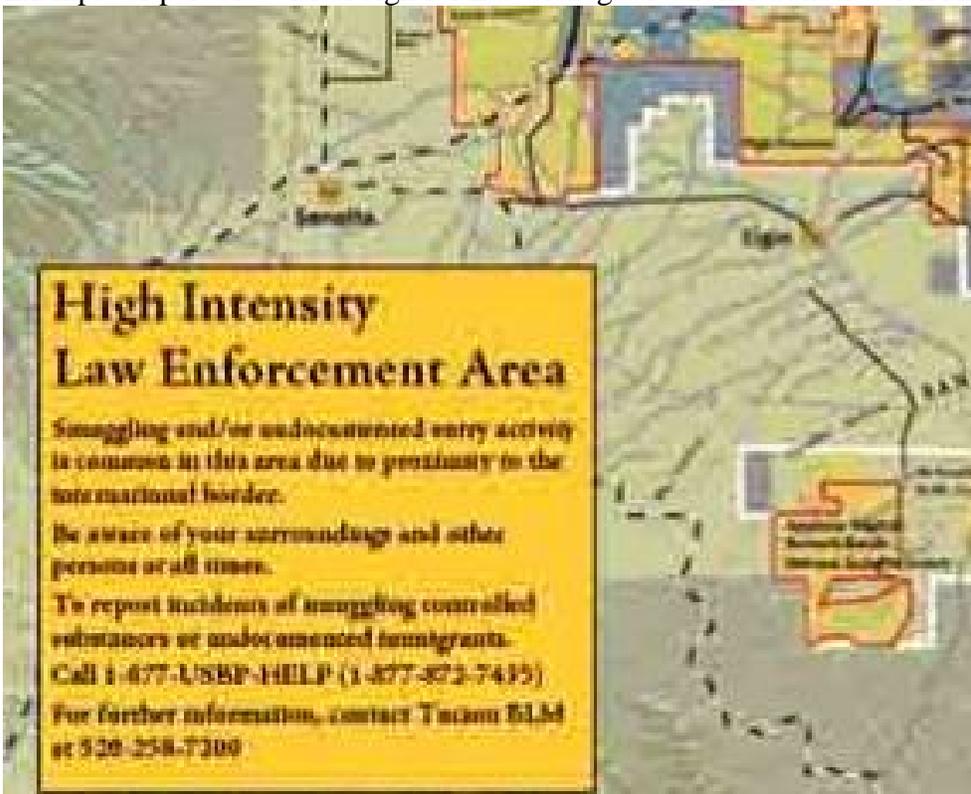
Do not use for drinking water.

AQUA

Aqua no hay potable.

The second sign designed and developed for English speaking audience using the language for visitor warning commented on the Office of the Solicitor.

Example of part of a visitor sign for Las Cienegas National Conservation Area:



Santa Ana Site Protection Project:

Significant objects managed by the BLM, within the boundary of the Ironwood Forest National Monument (IFNM) are currently being adversely affected by unauthorized vehicle travel at Santa Ana (the site). The site is in immediate need of protection, as unauthorized roads have been created through one of the main features of the site. These routes are being used by vehicles smuggling humans and illegal drugs. Use of these routes has increased in past years due to the increase in smuggling activity. A decision to close the site to motorized vehicles is recorded in the approved *Proposed Phoenix Resource Management Plan and Final Environmental Impact Statement* (1989). This project will implement the plan decision to close the site to motorized vehicles. After months of consultation with the Tohono O'odham Nation elders, cultural affairs specialists, and archeologist, a decision was made to secure the site from unauthorized vehicle travel by placing a rock boulder barrier around the site. The Tohono O'odham are anxious for the site to be given protection through a barrier of natural boulders, and have emphasized that time is of the essence. A portion of the site extends onto Tohono O'odham lands; however, the majority of the site is located on BLM land within Ironwood Forest National Monument. Under an existing assistance agreement, a task order was issued to allocate \$22,000 to the Tohono O'odham Nation to complete the work. The project is on schedule to be completed by March 2007.

Landfill Contract

Tucson Field Office has been collecting abandoned property associated with illegal smuggling of people and drugs through Ironwood Forest National Monument for the past 5 years. Disposing of this litter properly has required access to the local landfills, operated by Pima County. The County manages two landfills with 15 miles of the Monument: Tangerine Road Landfill and Ina Road Landfill. Ina Road landfill is the only source in the county able to accept tires. Tangerine Landfill is open 7 days a week.

The objective of this contract is to improve the health of the ecosystem, while simultaneously reducing the safety and health hazards present, through proper disposal of trash and tires. \$10,000 has been set aside for this contract. This contract is now in effect through September 30, 2007 and is being used by TFO staff and interns during cleanup projects with the local communities and youth crews.

Road and Trail Rehabilitation

A blanket purchase agreement was pursued for acquiring native plants and seed from local nurseries. This proposal went out late in the Fiscal Year and no bids were received. Therefore, the blanket purchase agreement was never awarded. Although some project areas degraded from undocumented immigrant use did involve road, trail, and camp rehabilitation –details follow. The \$10,000 set aside for this purpose were not completely utilized due to lack of interest from potential plant providers.

Southwest Conservation Corps (formerly Youth Corps of Southern Arizona)

Through an existing assistance agreement, 8 weeks of Southwest Conservation Corps (SCC) crew time and 2 weeks of Community Learning Adventure Service Project (CLASP) crew time costing \$60,600 were allocated for work on projects addressing impacts from undocumented

immigration beginning in FY06. These SCC 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 and Southern Arizona. Although this agreement was funded through the TFO, several weeks of crew time was spent on lands managed by the US Fish and Wildlife Service, Coronado National Forest, and the National Park Service. There, the crews were led by the local managing agency and performed the same type of work: mitigating the environmental damages from illegal immigrants. Project details below.

Examples of projects that occurred in Fiscal Year 2006:

- An SCC crew worked 10 days in the IFNM from October 3-13, 2005 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.
- An SCC crew of 8 people worked in the IFNM from March 27-30 removing 85 bags of waste (approximately 42 cubic yards); this crew also rehabilitated 1,235 feet of roads in the West Silverbell Mountains created by smugglers engaged in cross country travel.
- CLASP, affiliated with SCC, worked on the IFNM, specifically the Malpais Hill area, from April 24-27, 2006. The crew of 11 worked 9 hours to gather and dispose of 115 bags of trash (approximately 57.5 cubic yards). They also met with volunteers and community speakers on the land to learn about illegal immigration and its affects. Through these educational sessions and practical work experiences, the crew became intimately familiar with, as well as remediated the impacts of undocumented immigration in southern Arizona.
- During the week of August 27-30, 2006, a SCC crew worked on the San Pedro Riparian National Conservation Area to reseed camps left by undocumented immigrants. The 8 member SCC crew, along with 3 SCA interns, worked 27 hours in order to reseed the degraded areas along the San Pedro River. The crew reseeded a total of 351,000 square feet of undocumented immigrant camp sites.

Trash Bags

TFO purchased 500 more sturdy green trash bags totaling \$1908, designed for heavy duty use by BLM, partners and groups. 1500 trash bags and 20 trash picker sticks were donated to the Arizona Game and Fish Department (AZGF) for use on the bi-annual Altar Valley Ranch Cleanup Project. This volunteer event is coordinated by the AZGF, with the Tucson Field Office and Pima County both providing resources and assistance. Most of the litter collected on this semiannual event is debris left from illegal immigrants.

Trash bags are also provided to various volunteer organizations doing cleanup work in the Arizona border area. Humane Borders, Samaritans, and private individuals living within the Ironwood Forest National Monument have each received 100-200 bags from the Tucson Field Office over the course of Fiscal Year 2006.

Storage Container, Trailers, and All Terrain Utility Vehicle

Although the Ironwood Forest National Monument is located within 40 minutes of downtown Tucson, the TFO is located at the very east side of Tucson, in the exact opposite direction from the Monument. This additional mileage and distance from the Interstate, easily adds another 30 minutes to the drive. The National Park Service Western Archeology and Conservation Center has allowed the TFO to stage vehicles and supplies inside their locked parking area near downtown Tucson. In order to safely store supplies and materials in this parking lot, a mobile storage container was purchased for \$2400. This 10 ft by 8 ft container holds hand tools, fencing supplies including extra T-posts, spare gloves, trash bags, hand cleaner containers, head, ear and eye protection and other supplies. This storage container has allowed Monument SCA interns and staff to stage supplies for IFNM projects much closer to the resource area, thereby significantly reducing fuel and employee travel time costs over the year.

With hundreds of miles of dirt vehicle routes not maintained traversing the IFNM, removing immigrant litter is made easier with a means to haul it out. Although the IFNM has access to one flatbed truck capable of hauling large loads of trash bags, because of the dual rear tires, minimal turning radius, and large wheel base, this vehicle is not maneuverable on many of these small, 2-track routes. Two high-clearance, custom trailers were purchased to meet the unique needs of hauling out trash from the IFNM and SPRNCA. A trailer previously purchased and being used on the LCNCA, was modified to provide higher clearance. Now, each NLCS unit in the TFO has a trailer for use in hauling loads of litter collecting during crew projects and volunteer services projects.

A diesel 4x4 utility vehicle was purchased using these funds to assist in the remediation of litter within the IFNM. This vehicle is similar to an ATV but can carry two passengers in seat belts and has a dump bed that can carry up to 1100 pounds. This utility vehicle has already proven to be an important tool in preparing for and during long cleanup projects in remote areas of the IFNM. The utility vehicle can shuttle tools, supplies, and haul trash back and forth in a tight project area. It is a tremendous help because of its small turning radius and accessibility. A trailer was purchased to carry this utility vehicle.

Waste Collection Contract

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

- Four (4) roll-off dumpster locations have been established for continued use through September 30, 2007;
- Since October 1, 2005, thirty-one 30-cubic yard roll-off containers have been filled and removed at 5 locations; approximately 80 tons.

Cattle Guards

- One cattle guard was installed on the IFNM along a high use smuggling corridor vehicle route. The high amount of illegal traffic traveling this route led to constant upkeep and maintenance. The existing fence had been damaged and cut by illegal activity. The existing cattle guard was damaged beyond repair while doing maintenance.

Service Organization Volunteer Projects

Several organizations have provided significant service hours to remediate the impacts caused by smugglers and illegal immigrants on public lands. This service completed by the volunteers is very much appreciated. See below for examples in detailed spreadsheet).

- Two neighborhood groups adjacent to the IFNM (Red Hill Community and Silverbell Estates) collected 377 bags (188.5 cubic yards) of trash over FY06. The neighbors left full bags of trash along major corridors within the IFNM. BLM Rangers and SCA Interns would pick up and dispose of this trash into the Waste Management roll off dumpsters.
- On February 16, 2006, 26 Air Force Service Members worked along with a BLM Ranger and SCA interns at Valhalla to remove 40 bags (approximately 20 cubic yards) of undocumented immigrant trash.

US Border Patrol (USBP) Pilot Trash Bag Program

In Fiscal Year 2006, TFO established a pilot program with the USBP. Each BP vehicle in the Tucson Sector will be issued 10 trash bags. The concept behind this program is to send the bags to where the trash is being generated. The Tucson Sector has 8 Border Patrol Stations, which were given boxes of trash bags proportionate to the size of the station. Each box contains 100 trash bags and a total of 103 boxes or 10,300 bags were used during the FY06.

Tucson Field Office Partnership:

Town of Marana

See spread below and FY2006 End-of-Year Summary Report.

Santa Cruz County

See FY 2006 End-of-Year Summary Report

Pima County

See Appendix G

National Park Service Coronado National Memorial

See Appendix D

U.S. Fish and Wildlife Service Buenos Aires National Wildlife Refuge

See Appendix E

U.S. Forest Service Coronado National Forest

See FY2006 End-of-Year Summary Report

Ironwood Forest National Monument

FY06 Tucson Field Office

UDI Activities Record-IFNM

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Bags</u>
11/3/2005	Silverbell Rd/Tehan Pass	3 SCAS, UDI 28,29,30	20
11/4/2005	Silverbell Rd	3 SCAS, UDI 31,32,33	
11/25/2005	Silverbell/Sasco Rds	3 SCAS, UDI 42	
<u>MonthlyTotal</u>			31.00

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Bags</u>
12/1/2005	Silverbell Rd	2 SCAS UDI 64 six mile patrol	
12/2/2005	Silverbell Rd	Random Bags, Coping bagged for SCA pick up	
12/8/2005	Tehan Pass	2 SCAS UDI 67 2 mile patrol	
<u>MonthlyTotal</u>			11.00

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Bags</u>
1/5/2006	Little Ranch	2 SCAS, UDI 68	
1/11/2006	Sawtooths Andromeda Rd	4 SCAS, UDI 72 & 73	
1/20/2006	Pan Quemodos	2 SCAS, UDI 76, Random Bags	
1/25/2006	Silverbell Rd	2 SCAS, Random Bag	
1/26/2006	Silverbell Rd, Cem. Spur	2 SCAS, Random Bag	
<u>MonthlyTotal</u>			19.00

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Bags</u>
2/1/2006	Cocio Wash	2 SCA's UDI 78	23
2/23/24/06	Sawtooth Powerlines	4 SCA's, Smug 8	
<u>MonthlyTotal</u>			23.00

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Bags</u>
3/2/2006	Mullins Rd	1 SCA, Random Bags	
3/3/2006	Cocio Rd	1 SCA, Random Bags	
3/16/2006	W. Silverbells	2 SCA's, 1 Random Bag	
<u>MonthlyTotal</u>			5.00

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Bags</u>
5/12/2006	Manville Rd	2 SCAS, UDI 95	
5/12/2006	Waterman Rd	2 SCAS, Random Bags	
5/17/2006	Silverbell Rd	1 SCA, Random Bags	3.5
5/24-25/06	Silverbell Rd	1 SCA, 1 BLM, Random Bags	15
5/30/2006	Malpais FT	2 SCAs. Random Bags	
<u>MonthlyTotal</u>			39.50

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Bags</u>
6/15/2006	Waterman Rd	2 SCAs, Random Bags	13
6/27-6/28	Malpais FT	2 SCAs, Random Bags	30
<u>MonthlyTotal</u>			43.00

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Bags</u>
7/7/2006	Malpais FT	3 SCA's	20
<u>MonthlyTotal</u>			20.00

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Bags</u>
8/9/2006	Mal pais FT	2 SCA's	15
8/10/2006	Mal pais FT	2 SCA's	30
8/14/2006	Mal pais FT	3 SCA's	12
8/16/2006	Mal pais FT	3 SCA's	13
8/17/2006	Mal pais FT	3 SCA's	15
8/21/2006	Mal pais FT	2 SCA's	10
8/23/2006	Waterman Rd	3 SCA's, Fence W5	
8/24/2006	Waterman Rd	3 SCA's, Fence W6	
8/25/2006	Waterman Rd	3 SCA's, Fence W7	
<u>MonthlyTotal</u>			80.00

			<u># Bags</u>
<u>Yearly Totals to Date</u>			271.50

Ironwood Forest National Monument

<u>Date</u>	<u>Site Location</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
11/3/2005	Silverbell Rd/Tehan Pass	4	3		
11/4/2005	Silverbell Rd	6			
11/25/2005	Silverbell/Sasco Rds	6			
		16	3	0	0

<u>Date</u>	<u>Site Location</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
12/1/2005	Silverbell Rd	6	7		
12/2/2005	Silverbell Rd		2		
12/8/2005	Tehan Pass	5	1		
		11	10	0	0

<u>Date</u>	<u>Site Location</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
1/5/2006	Little Ranch	1			
	Sawtooths Andromeda Rd		1		
1/11/2006	Rd	1	1		
1/20/2006	Pan Quemodos	0.5			
1/25/2006	Silverbell Rd	0.5	2		
	Silverbell Rd, Cem.				
1/26/2006	Spur	2.5	0		
		5.5	3	0	0

<u>Date</u>	<u>Site Location</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
2/1/2006	Cocio Wash	4			
2/23/24/06	Sawtooth Powerlines	4		384	
		8	0	384	0

<u>Date</u>	<u>Site Location</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
3/2/2006	Mullins Rd	0.5			
3/3/2006	Cocio Rd	3			
3/16/2006	W. Silverbells	1			
		4.5	0	0	0

<u>Date</u>	<u>Site Location</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
5/12/2006	Manville Rd	3			
5/12/2006	Waterman Rd	1			
5/17/2006	Silverbell Rd	8			
5/24-25/06	Silverbell Rd	8			
5/30/2006	Malpais FT	6			

26 0 0 0

<u>Date</u>	<u>Site Location</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
6/15/2006	Waterman Rd	5	2		
6/27-6/28	Malpais FT	8			

13 2 0 0

<u>Date</u>	<u>Site Location</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
7/7/2006	Malpais FT	7			
		7	0	0	0

<u>Date</u>	<u>Site Location</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
8/9/2006	Mal pais FT	7			
8/10/2006	Mal pais FT	6			
8/14/2006	Mal pais FT	6			
8/16/2006	Mal pais FT	7			
8/17/2006	Mal pais FT	7			
8/21/2006	Mal pais FT	8			
8/23/2006	Waterman Rd	8			54
8/24/2006	Waterman Rd	4			80
8/25/2006	Waterman Rd	4			119
		34	0	0	253

<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
125.00	18.00	384.00	253.00

Ironwood Forest National Monument

Project Name: UDI Impact Remediation at Malpais Foot Trails

Unit Name: IFNM-UDI 100, 101, 110, 112

Date of Project: May 30, 2006; June 15, 27, 28, 2006; July 7, 2006
August 9, 10, 14, 16, 17, 21, 2006

Location: Township: 10S, 11S Range: 8E
Section: 10S-29, 32, 11S-4, 5, 8, 9
GPS data: UDI 100-448881/3595748; UDI 101-448923/3596597
UDI 110-458579/3588941; UDI 112-448811/3596384

Participants: Emily Hertz, Donna Myers & Andrew O'Brien(SCA)

Project Coordinators: Emily Hertz, Donna Myers & Andrew O'Brien (SCA)

Description of Project: The participants worked for 60 hours at site to remove UDI trash. Participants walked along trail in order to cover 4 miles of land. Participants surveyed resource area in order to document resource damage, structural damage to roads and fences. Participants made public contact with land users and other agency representatives that they encountered during field work.

Results: 138 bags of trash, 69 approximately cubic yards, were removed from this site and disposed of at the Agua Dulce roll-off dumpster. Participants reported and repaired resource and structural damage that they encountered in area.

Before



After



Ironwood Forest National Monument

Project Name: UDI Impact Remediation at Sawtooth Mountains

Unit Name: IFNM-Smug 8

Date of Project: 2 /23-24/06

Location: Township: 9S Range: 5E
Section: 30
GPS data: 12S 0426047
3609184

Participants: Steven DeGrush, Kevin Malia, Emily Hertz & Donna Myers (SCA)

Project Coordinators: Emily Hertz & Donna Myers (SCA)

Description of Project: The participants worked for 3 hours at site to rehabilitate smuggling roads pushed through desert landscape by undocumented immigrants.

Results: The participants rehabilitated 384 feet of desert landscape.

Before



After



Ironwood Forest National Monument

Project Name: UDI Impact Remediation at Waterman Road

Unit Name: IFNM-Waterman Road, Fence W5, Fence W6, Fence W7

Date of Project: 8/23-25/2006

Location: Township: 12S Range: 9E

Sections: 3, 6, 29

GPS data:

Fence W5:12S 455757

3577429

Fence W6: 12S 455671

3577425

Fence W7: 12S 455441

3577308

Participants: Andrew O'Brien, Emily Hertz & Donna Myers (SCA)

Project Coordinators: Andrew O'Brien, Emily Hertz & Donna Myers (SCA)

Description of Project: The participants worked for 16 hours at site to repair fence that had been damaged by undocumented immigrant smuggling. The fence runs for 4 miles along Waterman Road. The fence was erected in 2005 in order to provide motor vehicle operators a visual deterrent to driving off-road. The fence provides a barrier to the Waterman Mountain Area of Critical Environmental Concern.

Results: The participants repaired 253 feet of fence along Waterman Road.

2 Sections of Fence W5, equaling 54 feet, were repaired.

2 Sections of Fence W6, equaling 80 feet, were repaired.

4 Sections of Fence W7, equaling 119 feet, were repaired.

Before

After
Fence W6



Fence W7



Ironwood Forest National Monument

Project Name: UDI Impact Remediation at West Silverbell Foot Trails

Unit Name: IFNM-UDI 86

Date of Project: 3/27/06

Location: Township: 11S Range: 7E
 Section: 7, 8
 GPS data: 12S 457191
 3591528

Participants: Emily Hertz & Donna Myers (SCA), 8 Southwest Conservation Corps (SCC) Crew

Project Coordinators: Emily Hertz & Donna Myers (SCA)

Description of Project: The participants worked for 10.5 hours at site to remove UDI trash.

Results: 50 bags of trash, approximately 25 cubic yards, were removed from this site and disposed of at the Agua Dulce Roll off.



Before



After

Ironwood Forest National Monument

Project Name: UDI Impact Remediation at Waterman Rd

Unit Name: IFNM-Smug 32

Date of Project: 3/ 28/ 06

Location: Township: 12S Range: 9E
Section: 29
GPS data: 12S 458556
3581230

Participants: Emily Hertz & Donna Myers (SCA), 8 SCC Crew Members

Project Coordinators: Emily Hertz & Donna Myers (SCA)

Description of Project: The participants worked for 2 hours at site to rehabilitate smuggling roads pushed through desert landscape by undocumented immigrants.

Results: The participants rehabilitated 528 feet of desert landscape.

Before



After



Town of Marana Spread Sheet

FY06 Tucson Field

Office

UDI Activities Record-Marana

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># 's of Trash</u>	<u>Tons of Trash</u>
10/26/2005	Mullins Rd	took jackets to Marana Food Bank	800.00	0.4
			0	0
<u>Monthly Total</u>			800.00	0.4

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># 's of Trash</u>	<u>Tons of Trash</u>
11/9/2006	Trico Powerlines		1300	
11/16/2005	Trico Powerlines		1020	0.51
				0
<u>MonthlyTotal</u>			1020.00	0.51

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># 's of Trash</u>	<u>Tons of Trash</u>
12/22/2005	Trico Powerlines		560	0.28
12/28/2005	Pump Station Rd		1040	0.52
<u>MonthlyTotal</u>			1600.00	0.8

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># 's of Trash</u>	<u>Tons of Trash</u>
1/4/2006	Mullins Rd		1040	0.52
1/18/2006	Silverbell Rd		1660	0.83
1/25/2006	Silverbell Rd		1920	0.96
				0
<u>MonthlyTotal</u>			4620.00	2.31

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># 's of Trash</u>	<u>Tons of Trash</u>
2/1/2006	Avra Valley Rd		1460	0.73
2/8/2006	Avra Valley Rd		2180	1.09
2/15/2006	Trico Powerlines		1280	0.64
2/22/2006	Trico Powerlines		1240	0.62
<u>MonthlyTotal</u>			6160.00	3.08

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># 's of Trash</u>	<u>Tons of Trash</u>
3/1/2006	Trico Powerlines		1060	0.53
3/8/2006	Silverbell Rd		1860	0.93
3/22/2006	Trico Powerlines		740	0.37
3/29/2006	Trico Powerlines		2140	1.07
<u>MonthlyTotal</u>			5800.00	2.9

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># 's of Trash</u>	<u>Tons of Trash</u>
4/19/2006	The Plaza		1920	0.96
4/26/2006	Trico Powerlines		1160	0.58
<u>MonthlyTotal</u>			3080.00	1.54

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># 's of Trash</u>	<u>Tons of Trash</u>
5/4/2006	Trico Powerlines		840	0.42
5/17/2006	Mullins		780	0.39
<u>MonthlyTotal</u>			1620.00	0.81

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># 's of Trash</u>	<u>Tons of Trash</u>
6/7/2006	Waterman Rd		1500	0.75
6/14/2006	Pump Station		980	0.49
6/21/2006	Silverbell Rd		600	0.3
6/22/2006	Red Hill		2040	1.02
<u>MonthlyTotal</u>			5120.00	2.56

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># 's of Trash</u>	<u>Tons of Trash</u>
7/6/2006	Waterman Rd		50	0.025
7/12/2006	Pump Station Rd		1220	0.61
7/19/2006	Waterman Rd		1080	0.54
<u>MonthlyTotal</u>			2350.00	1.175

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># 's of Trash</u>	<u>Tons of Trash</u>
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8/16/2006	Waterman Rd	880	0.44
8/30/2006	Trico Powerlines	540	0.27
9/11/2006	Silverbell Rd	1760	0.88

MonthlyTotal 3180.00 1.59

	<u># 's of</u>	<u>Tons</u>
	<u>Trash</u>	<u>of</u>
Yearly Totals to Date	35350.00	17.675
		<u>Trash</u>

Town of Marana: Vertical Mulching on Illegal Routes



Town of Marana Spread Sheet

FY06 Tucson Field Office UDI Activities Record-Marana

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
10/26/2005	Mullins Rd	took jackets to Marana Food Bank	4			
<i>Monthly Total</i>			4	0	0	0

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
11/9/2006	Trico Powerlines		4			
11/16/2005	Trico Powerlines		4			
<i>Monthly Total</i>			4	0	0	0

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
12/22/2005	Trico Powerlines		4			
12/28/2005	Pump Station Rd		4			
<i>Monthly Total</i>			8	0	0	0

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
1/4/2006	Mullins Rd		4			
1/18/2006	Silverbell Rd					
1/25/2006	Silverbell Rd					
<i>Monthly Total</i>			4	0	0	0

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
2/1/2006	Avra Valley Rd					
2/8/2006	Avra Valley Rd					
2/15/2006	Trico Powerlines					
2/22/2006	Trico Powerlines					
<i>Monthly Total</i>			0	0	0	0

<u>Date</u>	<u>Site Location</u>	<u>Notes</u>	<u># Hours</u>	<u># Tires</u>	<u>Roads in '</u>	<u>Fence in '</u>
3/1/2006	Trico Powerlines		6			
3/8/2006	Silverbell Rd		6			

Las Cienegas National Conservation Area

Project Name: UDI Impact Remediation at LC 900

Unit Name: LCNCA – LC900 UDI 1

Date of Project: 11-02-05

Location: Township: 19S Range: 16E
Section: 23 ¼ NE ¼ SW ¼ SW
GPS data: 12R 0530388
3514795

Participants: Shawn Sargent (SCA) & Jason West (BLM)

Project Coordinator: Shawn Sargent (SCA)

Description of Project: Participants worked for 3 hours at site to remove UDI trash.

Results: 4 bags of trash, approximately 2 cubic yards, were removed from this site and disposed of at LCNCA Rolloff

Before



After



Las Cienegas National Conservation Area

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.

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. Future projects include lock installation on the gates, placement of additional regulatory signs and final mulching.

Results:

Vehicle barrier – east side



Vehicle barrier – west side



San Pedro Riparian National Conservation Area

Project Name: UDI Trash Impact Remediation

Unit Name: San Pedro Riparian National Conservation Area (SPRNCA)

Date of Project: April 4-5, 2006

Location Name: South of Charleston Rd. on east side of San Pedro River (30 Bags)

The crew and project coordinators cleaned up 3 main areas containing UDI trash sites in section 12 on April 4, 2006. They concentrated on trash sites along the east and west side of the railroad tracks and along the east side of the river corridor. They also cleaned up scattered sites along small washes that branched off to the east from the river and railroad tracks.

Township: 21 S. Range: 21 E. Section: 12

GPS data: **Site 1:** 12 R 0578604 UTM 3499202
 Site 2: 12 R 0578582 UTM 3499044
 Site 3: 12 R 0578815 UTM 3499009

Location Name: North and south of Hereford Bridge on east and west side of San Pedro River (20 Bags)

A section of river corridor north and south of Hereford Bridge was completed on April 4, 2006. 20 bags of UDI trash were removed from the area.

Township: 23 S. Range: 22 E. Section: 10

GPS data: **Site 4:** 12 R 0584800 UTM 3478551
 Site 5: 12 R 0584721 UTM 3479238
 Site 6: 12 R 0584778 UTM 3479434
 Site 7: 12 R 0584686 UTM 3478931

Location Name: South of HWY 82 on east side of San Pedro River (46 Bags)

A two mile stretch of land containing scattered UDI sites north of Boquillas Ranch and south of Highway 82 was completed on April 5, 2006. The crew and project coordinators patrolled this area and followed a network of UDI foot trails to scattered trash sites throughout the area. A total of 46 bags of trash were removed within this 2 mile stretch. The sites were situated east of the San Pedro River and west of the BLM maintained dirt road also serving as the San Pedro Trail.

Township: 20 S. Range: 21 E. Sections: 3, 10, & 11

GPS data: **Site 8:** 12 R 0576719 UTM 3509866
 Site 9: 12 R 0577400 UTM 3508323
 Site 10: 12 R 0577669 UTM 3507987
 Site 11: 12 R 0577850 UTM 3507665
 Site 12: 12 R 0577917 UTM 3507309

Participants: Two Environmental Career Organization (ECO) Associates working for the BLM and one Southwest Youth Corps work crew of 8 people.

Project Coordinator(s): Amanda Webb & Justin Hunt (ECO Associates)

Description of Project: On April 4-5, the above listed participants provided 20 hours of UDI related trash removal work throughout the San Pedro Riparian National Conservation Area.

Results: The work crew and project coordinators collected and disposed of 96 small bags equal to 48 cubic yards of UDI related trash.



Before



After

San Pedro Riparian National Conservation Area

Project Name: UDI Impact Remediation at San Pedro River Corridor

Unit Name: San Pedro Riparian National Conservation Area (SPRNCA)

Date of Project: May 8th through May 11th 2006

Location: Township: _22S. Range: _21E .

GPS data: N 31° 32.889 W 110°08.493

Working Area from San Pedro House River Access South along river corridor for
Approximately 3 miles

Participants: Two Southwest Conservations Corps Crews, Jim Mahoney (BLM), Jason West (BLM)

Project Coordinator(s): Jim Mahoney and Jason West

Description of Project: Immigration has impacted public lands along the San Pedro River through creation of illegal immigration trails and pollution from immigration related trash. The trash is dense enough in some areas to cause the River channel to shift. Through a coordinated effort, the BLM and SCC will collaborate to remove this garbage along an estimated 2.5-3.0 mile stretch of the river where it is most dense.

Results: The crew removed 2,325 lbs of Garbage in 93 garbage bags, approximately 46.5 cubic yards, 8 Tires and 400 additional pounds of debris.

Total: 2,725 lbs of Garbage removed from the San Pedro Riparian National conservation area.



San Pedro Riparian National Conservation Area

Project Name: UDI Impact Remediation near Hereford Bridge

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: August 28, 2006

Location: *Township:* T. 23S. *Range:* R. 22E. *Section:* 7 NE ¼, SW ¼, NE ¼ GPS Data: 12R0584459 UTM 3480045

Site located north of Hereford Bridge on the east side of the San Pedro Trail.

Participants: Three SCA's and an 8-person SCC crew.

Project Coordinator(s): Chris Jarvis

Description of Project: The project coordinators, SCA's and the SCC crew spent 6 hours reseeding a UDI camp.

Results: 100,000 square feet of area was reseeded.



Before



After

San Pedro Riparian National Conservation Area

Project Name: UDI Impact Remediation south of Boquillas

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: August 30, 2006

Location: *Township:* T. 20S. *Range:* R.21E. *Section:* 15 SE ¼, NW ¼, NW ¼. *GPS Data:* 12R 0577729 UTM 3506706

Site located south of Boquillas on either side of the abandoned railway line.

Participants: One SCA and an 8-person SCC crew.

Project Coordinator(s): Chris Jarvis

Description of Project: The project coordinator and the SCC crew spent 2 hours reseeding a UDI camp.

Results: 15,000 square feet of area was reseeded.



Before



After

San Pedro Riparian National Conservation Area

Project Name: UDI Impact Remediation near Highway 90

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: August 29, 2006

Location: *Township: T. 22S. Range: R. 22E. Section: 6 NE¼, NW ¼, SE ¼. GPS Data: 12R 0581392 UTM 3491241*

Site located north of Highway 90 near the San Pedro House on the east side of Del Valle Road.

Participants: Three SCA's and an 8-person SCC crew.

Project Coordinator(s): Chris Jarvis

Description of Project: The project coordinator, the SCA's and SCC crew spent 6 hours reseeding a UDI camp.

Result: 140,000 square feet of area was reseeded.



Before



After

San Pedro Riparian National Conservation Area

Project Name: UDI Impact Remediation near Garden Wash

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: August 27, 2006

Location: *Township:* T. 22 S. *Range:* R. 22 E. *Section:* 7 NE ¼, SW ¼, NE ¼. GPS data: 12R0581615 UTM 3489309

South of Garden Wash along the east side of Del Valle Road.

Participants: One Student Conservation Associate and an 8-person SCC crew.

Project Coordinator(s): Chris Jarvis

Description of Project: The project coordinators and SCC crew spent 8 hours reseeding UDI camps.

Results: 70,000 square feet of area was reseeded.



Before



After

San Pedro Riparian National Conservation Area

Project Name: UDI Impact Remediation south of Boquillas

Unit Name: San Pedro Riparian National Conservation Area

Date of Project: August 30, 2006

Location: *Township:* T.20S. *Range:* R.21E. *Section:* 15 NE ¼, SW ¼, SE ¼. GPS Data: 12R 0577506 UTM 3506626

Site located south of Boquillas between the San Pedro Trail and the San Pedro River.

Participants: One SCA and an 8-person SCC crew.

Project Coordinator(s): Chris Jarvis

Description of Project: The project coordinator and the SCC crew spent 5 hours reseeding a UDI camp.

Results : 26,000 square feet of area was reseeded.



Before



After