



CERCLIS/NPL/INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION REQUEST

STANTON CLEANERS
110 CUTTER MILL ROAD

GREAT NECK, NY 11021

Facility Id: 130072

EPA Facility Name: STANTON CLEANERS AREA GROUND WATER CONTAMINATION
110 CUTTER MILL ROAD GREAT NECK, NY 11021

EPA Facility Id: NYD047650197

ADDRESS CHANGE INFORMATION

Revised street: NO CHANGE
Revised zip code: NO CHANGE

SITE DESIGNATION: NPL - X CERCLIS - X NYSDEC REGISTRY - X NYSDEC REGISTRY QUALIFYING -

Special Note: This site is one of 421 Inactive Hazardous Waste Disposal Sites that reportedly are being reinvestigated for chlorinated hydrocarbons that may pose soil gas vapor intrusion hazards. Prior to 2003, many of these sites were determined to be cleaned up or not to pose hazards.

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF HAZARDOUS WASTE REMEDIATION
INACTIVE HAZARDOUS WASTE DISPOSAL SITE INFORMATION

CLASSIFICATION CODE: 02 REGION: 1
CLASSIFICATION CODE DESCRIPTION:
Significant threat to the public health or environment - action required.

SITE CODE: 130072
DEC ID: 55795

NAME OF SITE: Stanton Cleaners
STREET ADDRESS: 110 Cutter Mill Road
CITY: Great Neck ZIP: 11021

TOWN: North Hempstead
COUNTY: Nassau

SITE TYPE: Dump- Structure-X Lagoon- Landfill- Treatment Pond- ESTIMATED SIZE: 0.25 Acre

INSTITUTIONAL/ENGINEERING CONTROLS:
Unspecified

CROSS REFERENCES:
IDENTIFIER SOURCE

NYD047650197 EPA Site ID

SITE OWNER/OPERATOR INFORMATION:
CURRENT OWNER(S):

NAME: John Maffei
 ADDRESS: 8526 Edgerton Boulevard
 Jamaica Estates, NY 11432

Owner Type: Corporate or Commercial

NAME: ALLEN GREENBURG
 ADDRESS: 8526 EDGERTON BOULEVARD
 JAMAICA ESTATES, NY 11432

Owner Type: Corporate or Commercial

OWNER(S) DURING DISPOSAL:

NAME: ALLEN GREENBURG
 ADDRESS:

OPERATOR(S) DURING DISPOSAL:

NAME: Alan Greenburg
 ADDRESS: 110 Cutter Mill Road
 Great Neck, NY 11021

Operator Type: Corporate or Commercial

NAME: Alan Greenburg
 ADDRESS: 110 Cutter Mill Road
 Great Neck, NY 11021

SITE DESCRIPTION:

In 1983, a Nassau County Municipal Supply Well was found to contain low levels of tetrachloroethylene (PCE). The Nassau County Department of Health (NCDOH) conducted a survey of the surrounding area to determine a source or sources of the PCE. An inspection of Stanton Cleaners, located 1,000 feet northwest of the supply well revealed an overflow pipe which occasionally discharged PCE contaminated water to the soil behind the building. Soil samples taken from beneath the pipe indicated PCE contamination at extremely high levels. In 1983, the discharge was stopped and about seventy 55-gallon drums of contaminated soil were removed from the site, but PCE was still found in samples taken by NCDOH after the removal. In 1985, groundwater wells were installed downgradient of the site. Later sampling of these wells indicated heavy contamination with PCE. In 1989 the PRP began operating a pump-and-treat system to remediate the contaminated groundwater, however, this system worked only intermittently until it was repaired in 1998. A Remedial Investigation/Feasibility Study (RI/FS) Workplan was developed and RI fieldwork was completed in October 1998. Preliminary data suggested that Stanton Cleaners was a significant source of the contamination found at the Water Authority of Great Neck North (WAGNN) public supply wells on Watermill Lane. The air stripper which treats drinking water from these supply wells failed in November 1997. The DEC funded the replacement/upgrade of this stripper which went on line in August 1998. EPA funded an IRM at the site to address the on-site contaminated soil. This SVE system began operating in February 1999. The site was nominated to the NPL on January 19, 1999. A Federal ROD was signed on March 31, 1999. EPA conducted a remedial design for the groundwater and the final design was approved on March 30, 2001. A groundwater pump and treat system was installed and it began operating in September 2001. The site will be re-evaluated in 2007 as one of New York State's Soil Vapor Intrusion Legacy Sites.

CONFIRMED HAZARDOUS WASTE DISPOSED:

TYPE	QUANTITY
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TETRACHLOROETHYLENE {(PCE OR "PERC.") (F002)}	UNKNOWN

ASSESSMENT OF ENVIRONMENTAL PROBLEMS:

Groundwater, soils and indoor air are contaminated with tetrachloroethylene (PCE) from past site operations. A public water

supply well downgradient of the site has been contaminated and indoor air has been impacted in some adjacent buildings.

ASSESSMENT OF HEALTH PROBLEMS:

The Water Authority of Great Neck North (WAGNN) has public supply wells near the site which are contaminated with PCE and other volatile organic compounds (VOCs). Since 1984, WAGNN has used air stripping to remove contamination from the water prior to distribution to the community. Historically, PCE contamination was detected in indoor air in several neighboring buildings at concentrations above NYSDOH guidelines. Installation of interim remedial measures has reduced concentrations of PCE in indoor air at affected buildings. A vapor extraction system at the site continues to remove the subsurface source of the contamination for on-site and off-site soils. Air monitoring will continue in affected buildings to ensure that the remedial measures are effective.

The New York State Department of Environmental Conservation has not publicly updated the following fields since 2003:

ANALYTICAL DATA AVAILABLE FOR:	Air-X	Surface Water-	Groundwater-X	Soil-X	Sediment-
APPLICABLE STANDARDS EXCEEDED IN:	Groundwater-X	Drinking Water-X	Surface Water-	Air-	

GEOTECHNICAL INFORMATION:

SOIL/ROCK TYPE: Sand and gravel with silt and clay lenses.
 GROUNDWATER DEPTH: Range: 70 to 75 feet.

LEGAL ACTION:	Type:	State-	Federal-
STATUS:	Negotiation in Progress-	Order Signed-	
REMEDIAL ACTION:	Proposed- Under Design-	In Progress-X	Completed-
NATURE OF ACTION:	Air stripper & SVE system + GW pump & treat.		

USEPA COMPREHENSIVE ENVIRONMENTAL RESPONSE
 COMPENSATION AND LIABILITY INFORMATION SYSTEM (CERCLIS)

SITE INFORMATION

EPA-ID:	NYD047650197	Site-ID: 0204167
Site Name:	STANTON CLEANERS AREA GROUND WATER CONTAMINATION	
Site Street:	110 CUTTER MILL ROAD	
Site City/State/Zip:	GREAT NECK, NY 11021	

NFRAP (No Further Remedial Activity Planned) Status: NOT DESIGNATED AS NFRAP

USGS Hydrological Unit:	NPL Status Indicator: Currently on the Final NPL
Incident Category:	RCRA Flag:
Non-NPL Status:	Non-NPL Stat Date:
Federal Facility Flag:	Not a Federal Facility

Federal Register activity:		
Activity: Proposed for Federal Register	Date: 19990119	Proposed NPL List Number: 27

Activity: Currently on the Final Federal Register Date: 19990510 Final NPL List Number: 33

Site Type(s):

Category: Other

Sub-Category: Retail/commercial

Site Program Priority:

EI FY 2006 Baseline Site

Groundwater Migration EI FY 2002 Baseline Site

Construction Completion

Human Exposure EI FY 2002 Baseline Site

Contact information:

Person: DAMIAN DUDA

Title: Remedial Project Manager (RPM)

Phone: 2126374269

SITE DESCRIPTION

The Stanton Cleaners Site includes an active dry cleaning business, located at 110 Cutter Mill Road in the Town of Great Neck, Nassau County. The Stanton Cleaners Property (SCP) is approximately 1/4 acre in size and includes a one-and-a-half story building in which the dry cleaning business operates and an adjacent one-story boiler/storage building. Most of the SCP has been paved with asphalt. Buildings adjacent to the SCP include an indoor tennis facility, a synagogue and school facility, a condominium complex and a service station. The surrounding community is zoned commercial/residential and is serviced by public water and sewer. The drinking water is supplied by the Water Authority of Great Neck North (WAGNN). WAGNN's three public water supply wells are located approximately 1,000 feet south of the SCP. Two of these wells are approximately 145 feet deep and the third well is 434 feet deep. In 1998, New York State Department of Environmental Conservation (NYSDEC) funded the purchase and installation of a new air stripper system for the two shallower wells to remove volatile organic compounds (VOCs), contaminating the shallower groundwater. The treated water, which serves the community, is tested routinely by the WAGNN and the Nassau County Department of Health (NCDOH) to ensure compliance with all Federal and State drinking water standards. The Stanton Cleaners Site was proposed for inclusion on the National Priorities List (NPL) in January 1999 and was added to the NPL in May 1999. In 1983, following the discovery of elevated levels of tetrachloroethene (PCE) in soils [up to 8,000 parts per million (ppm)] by NCDOH at the rear of the SCP, approximately 20 cubic yards of soil were removed by a potentially responsible party (PRP) to an off-site disposal facility. Because further sampling revealed high levels of PCE still present in the soil, NCDOH ordered additional investigations and referred the Stanton Cleaners Site to the NYSDEC in January 1984. These investigations included the installation of seven groundwater monitoring wells by a PRP; an additional monitoring well (MW-2) was installed in 1985 by the Nassau County Department of Public Works. Total VOCs (primarily PCE, a solvent commonly used in the dry cleaning process) were found in groundwater at levels up to 11,700 parts per billion (ppb). At this time, the most highly-contaminated wells were MW-1, MW-2, MW-5 and MW-6, with the highest levels found in MW-6, located 100 feet south of the SCP. In April 1985, a PRP entered into a consent order with NYSDEC. As part of the agreement, a groundwater extraction and treatment (SCP P&T) system was installed, consisting of a pumping well (IW-1), adjacent to MW-6, and an air stripping tower behind the dry cleaning facility. At that time, contaminated groundwater was pumped through the air stripper which removed the VOCs. The treated groundwater was then discharged to the local public storm drain system which, after flowing through a series of drainage ditches, emptied into Little Neck Bay. Because the discharge from this system exceeded permit limitations on several occasions, it was subsequently shut down for repair. In May 1998, NYSDEC requested that the PRP repair the SCP P&T system, which had worked only intermittently since it began operating in 1989. In July 1998, the system was repaired and put back on-line; however, subsequent sampling showed that effluent water samples exceeded discharge standards. As a result, the PRP was asked to install granular activated carbon, as part of the treatment process, to remove the elevated PCE concentrations in the air stripper discharge. Although subsequent sampling showed that effluent samples met discharge standards, the SCP P&T

system continued to exhibit operational problems, which led to its eventual shut down. The SCP P&T system's extraction well has been incorporated into the extraction and treatment system installed by EPA (EPA P&T) for the Stanton Cleaners Site. From September 1997 through January 1999, NYSDEC conducted a remedial investigation and feasibility study (RI/FS) to define the nature and extent of contamination at the Stanton Cleaners Site and identify appropriate remedial alternatives. The RI confirmed previous investigations that the SCP was a source of the PCE contamination found in the two WAGNN supply wells. Prior to, as well as during the RI/FS process, a number of additional response actions were conducted by EPA at the SCP Site to address indoor air contamination, soil contamination and groundwater contamination which was impacting adjacent buildings and the area drinking water supplies. In March 1998, NYSDEC requested the assistance of EPA to conduct an emergency response action to address contaminated soils at the SCP, which were impacting indoor air quality in adjacent buildings. In September 1998, under its removal authority, EPA installed a temporary soil vapor interceptor system adjacent to the impacted tennis club in order to mitigate the impacts from PCE vapors to this facility. Subsequently, in 1999, EPA installed a soil vapor extraction (SVE) system to remove PCE from contaminated soils on the SCP. On March 31, 1999, EPA issued a Record of Decision (ROD) to install a groundwater extraction and treatment system on the SCP, to continue operation of the SVE system to remediate the contaminated soils, to monitor the indoor air quality of adjacent affected buildings and to monitor the groundwater. Operable Unit (OU) 1: The primary contaminant of concern at the Stanton Cleaners Site is PCE, which was found in the SCP soils, the area's groundwater and the indoor air of adjacent buildings. Since EPA initiated response actions at the Stanton Cleaners Site in 1998, overall indoor ambient air concentrations of PCE have been reduced by approximately 98 percent in all affected buildings. New York State (NYS) Technical Administrative Guidance Memorandum (TAGM) soil cleanup objectives have been achieved at the SCP, which indicate a significant reduction in VOC concentrations in soils. The SVE system continues to operate effectively by capturing the remaining low levels of VOCs. To date, the SVE system has removed approximately 16,000 pounds of PCE. Since September 2001, the EPA P&T system has been operating effectively at approximately 65 gallons per minute. To date, the system has treated approximately 41 million gallons of contaminated groundwater with discharge to the storm sewer. EPA has now begun the implementation of the Long-Term Response Action (LTRA) at the Stanton Cleaners Site, through an interagency agreement with the Army Corps of Engineers. The LTRA will continue the operation of the EPA P&T and SVE systems, the indoor air monitoring and the long-term groundwater monitoring program, including sampling both upgradient and downgradient monitoring wells, to ensure continued protection of human health and the environment. OU 2: The objective of the Operable Unit Two investigation was to determine if there are other potential sources of contamination impacting the groundwater in the vicinity of the SCP Site and how these sources are being or would need to be addressed. EPA's investigation identified five different sources of groundwater contamination, each of which has been or is in the process of being addressed by NYSDEC or private parties. The five groundwater contamination sites, which have been identified within a one-mile radius of the WAGNN supply wells and south of the SCP, are as follows: - Fenley Amoco Gas Station (Amoco A), an inactive site located at 500 Great Neck Road- Citizen's Development Company (CDC), a.k.a. Flower Fashion, a.k.a. Cleanland Drive-In Cleaners, an inactive site located at 47 Northern Boulevard- Mayflower Cleaners (Mayflower), an active site located at 489 Great Neck Road- Amoco Gas Station (Amoco B), an active site located at 133 Cutter Mill Road- Jonathan's Auto Repair Shop (AutoRepair), an inactive site located at 294 Great Neck Road. The remedial actions being taken at the five sites are discussed below. Amoco A: NYSDEC is the regulatory lead on this inactive site, which operated as a gasoline station until the early 1990's. During its operation, a gasoline spill occurred. In December 1988, in response to an NYSDEC directive, Amoco Corp. (Amoco) installed a P&T system to address the groundwater contamination including methyl-tertiary-butyl-ether (MTBE) and various VOCs (benzene, toluene, ethylbenzene and xylene [BTEX] compounds). In order to advance the cleanup, an SVE system was installed in October 1991 and operated until December 1992 to address VOCs in the soils surrounding the site. These two treatment systems were intended to address the soil and groundwater contamination along the western side of Great Neck Road to several hundred feet downgradient of the source of the spill. In June 1997, however, the P&T system was shut down after an evaluation of its operations showed that the source contamination area was not being effectively remediated. In October 1999, NYSDEC hired a new contractor to develop another remedial approach. Between 2000 and 2002, various rounds of groundwater sampling revealed that BTEX compounds,

as well as PCE and other VOCs, were still present in the monitoring wells associated with the site. The remedial system that will address this groundwater contamination consists of a combination of air sparging (AS) and SVE/high vacuum (HiVac) extraction wells. A total of seven AS wells and three SVE/HiVac wells have been installed and are in the process of being tested. It is expected that this system will address the source of contamination for both the soils and the groundwater and thereby will reduce the contamination migration pathway through the soil-groundwater interface. NYSDEC has installed numerous groundwater monitoring wells in this area and will install additional monitoring wells to ensure effective plume capture and to prevent further contaminant migration.

Mayflower: This active dry cleaners site is located across the street from the Amoco A site. In December 1992, at the request of NYSDEC, the NCDOH performed an inspection and sampling of some floor drains inside the facility, which were linked to drywells on the site. Data in the drywells showed high levels of PCE, e.g., 1700 and 3200 ppb, respectively. Subsequently, the site was referred to EPA's Underground Injection Control (UIC) Program for response, since drywells are classified as Class V injection wells, which are regulated under EPA's UIC program. The property owner enlisted a contractor to prepare a response plan for the cleanup of these drywells. As part of this effort, a Class V injection well closure plan was prepared and subsequently approved by NYSDEC and EPA. The well closure plan identified an excavation to a specific depth to achieve NYS TAGM levels. The contaminated soils in the drywells were then excavated to that depth, backfilled with clean fill and sealed with cement. The excavated soils were then disposed of at off-site permitted facilities. In March 1996, EPA transmitted a letter to the property owner approving the satisfactory closure of the UIC Class V wells, as per EPA's UIC closure requirements. EPA believes that the drywell cleanup conducted at the site has addressed the PCE source contamination. Some of the monitoring wells, installed by Amoco as part of the Amoco A site investigation, are located in the vicinity of the Mayflower site. As indicated in the above Amoco A discussion, the data from some of these wells showed PCE contamination which may be attributable to residual contamination from the past drywell disposal practices. The PCE contamination is expected to be contained within the site area, as addressed by the proposed actions being undertaken at the Amoco A site across the street. Moreover, EPA's recent groundwater sampling at three EPA monitoring wells near the site has shown nondetectable levels of PCE in the groundwater, further supporting the conclusion that the PCE contamination in the area is not migrating off-site. Based on these findings, EPA believes that no further action is required.

CDC: NYSDEC is the regulatory lead on this inactive site, which has had a long regulatory history. Cleanland Drive-In Cleaners originally operated the site from 1960-1976 and stored PCE-saturated filters on unpaved areas on the property. The facility was destroyed by fire in 1976. In 1982, a new building was constructed on the site and was occupied by Flower Fashion, a commercial florist. During 1983 and 1984, NCDOH investigated the property as a result of citizens' complaints. High levels of PCE were found in soils at the rear area of the property. Responding to a request by NCDOH, CDC began conducting an investigation of the property through soil borings and observation well drilling. The soils showed high levels of PCE, up to 1300 ppm. As a result, in December 1984, CDC excavated approximately 75 cubic yards of contaminated soils and installed groundwater monitoring wells. Groundwater data results continued to show high levels of PCE contamination, e.g., 970 to 3,503 ppb. In January 1986, CDC installed a P&T system to address the groundwater contamination. This system operated until May 1990 when it was shut down due to mechanical failure. Numerous groundwater samples taken during the early 1990's showed a variety of VOCs, including PCE, tetrachloroethane and BTEX compounds. In 1994, the interior of the building was inspected, and a floor sump was found to contain liquid and soils with high PCE concentrations, e.g., 1300-39,000 ppm. As a result, CDC and its contractor, under the direction of NYSDEC, performed some interim remedial measures to respond to high PCE indoor air concentrations within the building. These measures included removal of source contamination in the form of soils, liquids and drums. After the excavation and removal of the contaminated materials, an SVE system was installed in May 1995 and operated until February 1996 when NYS TAGM levels for PCE were achieved. In September 1994, CDC and NYSDEC entered into a consent order to perform a RI/FS. The RI/FS was completed in November 1997. In March 1998, NYSDEC reviewed all the previous remedial actions that CDC had conducted at the site and selected a remedy involving groundwater monitoring and no further action, since it was shown that PCE concentrations in the groundwater had been steadily decreasing since 1984. Currently, CDC and its contractor, under NYSDEC oversight, continue to monitor the groundwater at the site.

Amoco Gas Station (Amoco B): NYSDEC is the regulatory lead at this active gasoline station,

where a gasoline spill occurred in 1992. At that time, some subsequent recovery operation was undertaken by Amoco to remove product from existing on-site monitoring wells. Amoco's contractor and NYSDEC's contractor have investigated this site jointly. Both investigations showed high MTBE and BTEX compounds in the groundwater. Specifically, in October 1994, as a result of NYSDEC's conclusion in its data summary report, Amoco and NYSDEC performed further groundwater sampling. MTBE levels of 24,800 ppb were found at an on-site well. MTBE was also found in a downgradient well near the WAGNN supply wells at 340 ppb. In 1995-1996, in response to a NYSDEC directive, a SVE system and P&T system were installed. These ongoing treatment operations have successfully prevented further migration of the MTBE and BTEX plume. NYSDEC will continue to monitor the completion of these actions. Jonathon's Auto Repair Shop (Auto Repair): This active site was a former Amoco gasoline station and is located directly across the street from the Amoco B site. During the closure of the gasoline station, the underground storage tanks were excavated. During this operation, there was a gasoline spill from these tanks. At that time, NYSDEC became involved. Subsequently, Amoco conducted a groundwater investigation here at the same time one was conducted at the Amoco B site. In October 1994, MTBE was found at very high levels, as at the Amoco B site, in the groundwater underlying the site, up to 688 ppb. During 1995-1996, groundwater sampling at both the Amoco B site and the Auto Repair site indicated that the two operating Amoco B systems (SVE and P&T) were reducing the MTBE concentrations from both sites. Also, during the time of the Auto Repair operations, some drywells on the property were found to contain petroleum hydrocarbons, VOCs and metals. These drywells were excavated under EPA's UIC program down to NYS TAGM levels. EPA approved the remediation in November 2001. The ongoing treatment operations at Amoco B have successfully prevented further migration of the MTBE and BTEX plume. This site has now been closed under NYSDEC's Spills Program. An Explanation of Significant Differences addressing OU 2 was completed in September 2003.

SITE ALIAS INFORMATION

Alias Name:	STANTON CLEANERS AREA GROUND WATER CONTAMINATION	Alias ID: 101
Alias Street:	110 CUTTER MILL ROAD	
Alias City/State/Zip:	GREAT NECK, NY 11021	
Alias Name:	STANTON FRENCH CLEANERS INC.	Alias ID: 102
Alias Street:	110 CUTTER MILL ROAD	
Alias City/State/Zip:	GREAT NECK, NY 11021	
Alias Name:	STANTON CLEANERS AREA GROUND WATER CONTAMINATION	Alias ID: 103
Alias Street:		
Alias City/State/Zip:	NY	
Alias Name:	STANTON CLEANERS AREA GROUND WATER CONT.	Alias ID: 104
Alias Street:	110 CUTTER MILL ROAD	
Alias City/State/Zip:	GREAT NECK, NY 11021	
Alias Name:	STANTON CLEANERS AREA GROUND WATER CONTAMINATION	Alias ID: 105
Alias Street:	110 CUTTER MILL ROAD	
Alias City/State/Zip:	GREAT NECK, NY 11021	

OPERABLE UNIT INFORMATION

Operable Unit ID: 00	Operable Unit Name: SITEWIDE
Operable Unit ID: 01	Operable Unit Name: GROUNDWATER & SOIL

Constituent Contaminant(s):

Name:	1,2-CIS-DICHLOROETHENE	Media:	Soil	Haz Substance Code:	156-59-2
Contam Group:	VOC	Min Concen:	7	Subst Of Concern:	
Wst Src Name:	Site Soil			Max Concen:	91
Action:	Record of Decision		Start Date:	Compl Date:	19990331
Name:	IRON	Media:	Groundwater	Haz Substance Code:	7439-89-6
Contam Group:	Metals	Min Concen:	8	Subst Of Concern:	
Wst Src Name:	Site Groundwater			Max Concen:	472000
Action:	Record of Decision		Start Date:	Compl Date:	19990331
Name:	MANGANESE	Media:	Groundwater	Haz Substance Code:	7439-96-5
Contam Group:	Metals	Min Concen:	8	Subst Of Concern:	
Wst Src Name:	Site Groundwater			Max Concen:	9450
Action:	Record of Decision		Start Date:	Compl Date:	19990331
Name:	PCE	Media:	Soil	Haz Substance Code:	127-18-4
Contam Group:	VOC	Min Concen:	7	Subst Of Concern:	Y
Wst Src Name:	Site Soil			Max Concen:	6200
Action:	Record of Decision		Start Date:	Compl Date:	19990331
Name:	PCE	Media:	Air	Haz Substance Code:	127-18-4
Contam Group:	VOC	Min Concen:	21	Subst Of Concern:	Y
Wst Src Name:	Air			Max Concen:	300
Action:	Record of Decision		Start Date:	Compl Date:	19990331
Name:	TCE	Media:	Soil	Haz Substance Code:	79-01-6
Contam Group:	VOC	Min Concen:	7	Subst Of Concern:	Y
Wst Src Name:	Site Soil			Max Concen:	38
Action:	Record of Decision		Start Date:	Compl Date:	19990331
Name:	TETRACHLOROETHENE	Media:	Groundwater	Haz Substance Code:	127-18-4
Contam Group:	VOC	Min Concen:	8	Subst Of Concern:	Y
Wst Src Name:	Site Groundwater			Max Concen:	19880
Action:	Record of Decision		Start Date:	Compl Date:	19990331
Name:	TRICHLOROETHENE	Media:	Groundwater	Haz Substance Code:	79-01-6
Contam Group:	VOC	Min Concen:		Subst Of Concern:	N
Wst Src Name:	Site Groundwater			Max Concen:	
Action:	Record of Decision		Start Date:	Compl Date:	19990331

Waste Source Media:

Wst Src Name:	INDOOR AIR	Media:	Air		
Action:	Removal	Start Date:	19980921	Compl Date:	
Low Volume:		High Volume:			

Wst Src Name: Groundwater Action: Record of Decision Low Volume:	Media: Groundwater Start Date: High Volume:	Compl Date: 19990331
Wst Src Name: Soil Action: Record of Decision Low Volume:	Media: Soil Start Date: High Volume:	Compl Date: 19990331
Wst Src Name: PCE SOIL Action: Removal Low Volume:	Media: Soil Start Date: 19980921 High Volume:	Compl Date:
Wst Src Name: Groundwater Action: Remedial Action Low Volume:	Media: Groundwater Start Date: 20000928 High Volume:	Compl Date: 20020930
Wst Src Name: Groundwater Action: Remedial Action Low Volume:	Media: Groundwater Start Date: 20000928 High Volume:	Compl Date: 20020930
Wst Src Name: Soil Action: Remedial Action Low Volume:	Media: Soil Start Date: 20010702 High Volume:	Compl Date:
Wst Src Name: Site Soil Action: Record of Decision Low Volume: 0 Cubic Yards	Media: Soil Start Date: High Volume: 3800 Cubic Yards	Compl Date: 19990331
Wst Src Name: Site Groundwater Action: Record of Decision Low Volume:	Media: Groundwater Start Date: High Volume:	Compl Date: 19990331
Wst Src Name: Air Action: Record of Decision Low Volume:	Media: Air Start Date: High Volume:	Compl Date: 19990331
Wst Src Name: Groundwater Action: Explanation of Significant Differences Low Volume:	Media: Groundwater Start Date: High Volume:	Compl Date: 20030925

Removal Response activity:

Technology Type: Monitoring Technology Group: AIR EMISSIONS/OFF-GAS TREATMENT Action: Removal	Media: Air Start Date: 19980921 Compl Date:
Technology Type: Soil Vapor Extraction (SVE)	Media: Soil

Technology Group: PHYSICAL/CHEMICAL TREATMENT (IN-SITU)	
Action: Removal	Start Date: 19980921 Compl Date:
Remedial Response activity:	
Technology Type: Pump And Treat	Media: Groundwater
Technology Group: PHYSICAL/CHEMICAL TREATMENT (EX- SITU - ASSUMING PUMPING)	
Action: Record of Decision	Start Date: Compl Date: 19990331
Technology Type: Soil Vapor Extraction (SVE)	Media: Soil
Technology Group: PHYSICAL/CHEMICAL TREATMENT (IN-SITU)	
Action: Record of Decision	Start Date: Compl Date: 19990331
Technology Type: Soil Vapor Extraction (SVE)	Media: Soil
Technology Group: PHYSICAL/CHEMICAL TREATMENT (IN-SITU)	
Action: Remedial Action	Start Date: 20010702 Compl Date:
Technology Type: No Further Action	Media: Groundwater
Technology Group: OTHER	
Action: Explanation of Significant Differences	Start Date: Compl Date: 20030925
Technology Type: Air Stripping	Media: Groundwater
Technology Group: PHYSICAL/CHEMICAL TREATMENT (EX- SITU - ASSUMING PUMPING)	
Action: Record of Decision	Start Date: Compl Date: 19990331
Technology Type: Extraction	Media: Groundwater
Technology Group: PHYSICAL/CHEMICAL TREATMENT (EX- SITU - ASSUMING PUMPING)	
Action: Record of Decision	Start Date: Compl Date: 19990331
Technology Type: Discharge	Media: Groundwater
Technology Group: OTHER	
Action: Record of Decision	Start Date: Compl Date: 19990331
Technology Type: Monitoring	Media: Groundwater
Technology Group: OTHER	
Action: Record of Decision	Start Date: Compl Date: 19990331
Technology Type: Pump And Treat	Media: Groundwater
Technology Group: PHYSICAL/CHEMICAL TREATMENT (EX- SITU - ASSUMING PUMPING)	
Action: Record of Decision	Start Date: Compl Date: 19990331
Technology Type: Soil Vapor Extraction (SVE)	Media: Soil
Technology Group: PHYSICAL/CHEMICAL TREATMENT (IN-SITU)	
Action: Record of Decision	Start Date: Compl Date: 19990331
Technology Type: Monitoring	Media: Air
Technology Group: AIR EMISSIONS/OFF-GAS TREATMENT	
Action: Record of Decision	Start Date: Compl Date: 19990331

Technology Type:	Pump And Treat	Media:	Groundwater
Technology Group:	PHYSICAL/CHEMICAL TREATMENT (EX- SITU - ASSUMING PUMPING)		
Action:	Remedial Action	Start Date:	20000928 Compl Date: 20020930
Technology Type:	Pump And Treat	Media:	Groundwater
Technology Group:	PHYSICAL/CHEMICAL TREATMENT (EX- SITU - ASSUMING PUMPING)		
Action:	Remedial Action	Start Date:	20000928 Compl Date: 20020930

ACTION INFORMATION

Name:	Removal Assessment	Start Date:	19980116	Operable Unit ID:	00
Lead:	EPA Fund-Financed	Completion Date:	19980429		
Qualifier:		Fin Budget Src:	Removal		
Name:	Removal Assessment	Start Date:	19980331	Operable Unit ID:	00
Lead:	EPA Fund-Financed	Completion Date:	19980914		
Qualifier:		Fin Budget Src:	Removal		
Name:	Discovery	Start Date:		Operable Unit ID:	00
Lead:	EPA Fund-Financed	Completion Date:	19980916		
Qualifier:		Fin Budget Src:			
Name:	Removal	Start Date:	19980921	Operable Unit ID:	00
Lead:	EPA Fund-Financed	Completion Date:			
Qualifier:	Stabilized	Fin Budget Src:	Removal		
Name:	Issue Request Letters (104e)	Start Date:		Operable Unit ID:	00
Lead:	Federal Enforcement	Completion Date:	19981102		
Qualifier:		Fin Budget Src:			
Name:	Preliminary Assessment	Start Date:		Operable Unit ID:	00
Lead:	State, Fund Financed	Completion Date:	19981117		
Qualifier:	High	Fin Budget Src:	Remedial		
Name:	Site Inspection	Start Date:		Operable Unit ID:	00
Lead:	State, Fund Financed	Completion Date:	19981117		
Qualifier:	High	Fin Budget Src:	Remedial		
Name:	Hazard Ranking System Package	Start Date:		Operable Unit ID:	00
Lead:	EPA Fund-Financed	Completion Date:	19990115		
Qualifier:	Being considered for proposal to the NPL	Fin Budget Src:	Remedial		
Name:	Proposal to NPL	Start Date:		Operable Unit ID:	00
Lead:	EPA Fund-Financed	Completion Date:	19990119		
Qualifier:		Fin Budget Src:	Remedial		

Name:	Combined RI/FS	Start Date:	19990119	Operable Unit ID:	01
Lead:	State, No Fund Money	Completion Date:	19990331		
Qualifier:		Fin Budget Src:	Remedial		
Name:	Record of Decision	Start Date:		Operable Unit ID:	01
Lead:	EPA Fund-Financed	Completion Date:	19990331		
Qualifier:		Fin Budget Src:			
Name:	Final Listing on NPL	Start Date:		Operable Unit ID:	00
Lead:	EPA Fund-Financed	Completion Date:	19990510		
Qualifier:		Fin Budget Src:	Remedial		
Name:	Removal Assessment	Start Date:	19980608	Operable Unit ID:	00
Lead:	EPA Fund-Financed	Completion Date:	19990722		
Qualifier:		Fin Budget Src:	Removal		
Name:	Remedial Design	Start Date:	19990923	Operable Unit ID:	01
Lead:	EPA Fund-Financed	Completion Date:	20001106		
Qualifier:		Fin Budget Src:	Remedial		
Name:	Remedial Action	Start Date:	20010702	Operable Unit ID:	01
Lead:	EPA Fund-Financed	Completion Date:			
Qualifier:		Fin Budget Src:	Remedial		
Name:	Removal Assessment	Start Date:	20010416	Operable Unit ID:	00
Lead:	EPA Fund-Financed	Completion Date:	20010723		
Qualifier:		Fin Budget Src:	Removal		
Name:	Remedial Action	Start Date:	20000928	Operable Unit ID:	01
Lead:	EPA Fund-Financed	Completion Date:	20020930		
Qualifier:		Fin Budget Src:	Remedial		
Name:	Remedial Action	Start Date:	20000928	Operable Unit ID:	01
Lead:	EPA Fund-Financed	Completion Date:	20020930		
Qualifier:	Interim RA Report	Fin Budget Src:	Remedial		
Name:	Long Term Response Action	Start Date:	20020930	Operable Unit ID:	01
Lead:	EPA Fund-Financed	Completion Date:			
Qualifier:		Fin Budget Src:	Remedial		
Name:	Explanation of Significant Differences	Start Date:		Operable Unit ID:	01
Lead:	EPA Fund-Financed	Completion Date:	20030925		
Qualifier:		Fin Budget Src:			
Name:	Technical Assistance	Start Date:	20030930	Operable Unit ID:	01
Lead:	EPA Fund-Financed	Completion Date:			
Qualifier:		Fin Budget Src:	Remedial		

Name: Prelim Close-Out Report Prepared
 Lead: EPA Fund-Financed
 Qualifier:

Start Date:
 Completion Date: 20031211
 Fin Budget Src:

Operable Unit ID: 01

Name: Technical Assistance Grant
 Lead: EPA Fund-Financed
 Qualifier:

Start Date: 20000724
 Completion Date: 20060927
 Fin Budget Src: Remedial

Operable Unit ID: 00

FINANCIAL INFORMATION

Action Name: Removal
 Financial Type: Commitment
 Budget Source: Removal
 Financial ID: 0001
 Date: 19980916
 Amount: \$420000

Action Name: Removal
 Financial Type: Decommitment
 Budget Source: Removal
 Financial ID: 0001
 Date: 19980918
 Amount: \$420000

Action Name: Removal
 Financial Type: Actual Obligation
 Budget Source: Removal
 Financial ID: 0001
 Date: 19980918
 Amount: \$420000

Action Name: Removal
 Financial Type: Deobligation
 Budget Source: Removal
 Financial ID: 0001
 Date: 19981127
 Amount: \$29537

Action Name: Removal
 Financial Type: Extramural Outlay (Payment)
 Budget Source: Removal
 Financial ID: 0001
 Date: 19981127
 Amount: \$29537

Action Name: Removal
 Financial Type: Deobligation
 Budget Source: Removal
 Financial ID: 0002
 Date: 19990106
 Amount: \$50335

Action Name: Removal
 Financial Type: Extramural Outlay (Payment)
 Budget Source: Removal
 Financial ID: 0002
 Date: 19990106
 Amount: \$50335

Action Name: Removal
 Financial Type: Commitment
 Budget Source: Removal
 Financial ID: 0002
 Date: 19990203
 Amount: \$150000

Action Name: Removal
 Financial Type: Deobligation
 Budget Source: Removal
 Financial ID: 0003
 Date: 19990203
 Amount: \$34755

Action Name: Removal	Financial ID: 0003
Financial Type: Extramural Outlay (Payment)	Date: 19990203
Budget Source: Removal	Amount: \$34755
Action Name: Removal	Financial ID: 0002
Financial Type: Decommitment	Date: 19990204
Budget Source: Removal	Amount: \$150000
Action Name: Removal	Financial ID: 0002
Financial Type: Actual Obligation	Date: 19990204
Budget Source: Removal	Amount: \$150000
Action Name: Removal	Financial ID: 0004
Financial Type: Actual Obligation	Date: 19990301
Budget Source: Removal	Amount: \$3364
Action Name: Removal	Financial ID: 0009
Financial Type: Deobligation	Date: 19990301
Budget Source: Removal	Amount: \$3364
Action Name: Removal	Financial ID: 0009
Financial Type: Extramural Outlay (Payment)	Date: 19990301
Budget Source: Removal	Amount: \$3364
Action Name: Removal	Financial ID: 0004
Financial Type: Deobligation	Date: 19990302
Budget Source: Removal	Amount: \$91605
Action Name: Removal	Financial ID: 0004
Financial Type: Extramural Outlay (Payment)	Date: 19990302
Budget Source: Removal	Amount: \$91605
Action Name: Removal	Financial ID: 0006
Financial Type: Deobligation	Date: 19990330
Budget Source: Removal	Amount: \$57389
Action Name: Removal	Financial ID: 0005
Financial Type: Deobligation	Date: 19990330
Budget Source: Removal	Amount: \$58395
Action Name: Removal	Financial ID: 0006
Financial Type: Extramural Outlay (Payment)	Date: 19990330
Budget Source: Removal	Amount: \$58395
Action Name: Removal	Financial ID: 0005
Financial Type: Extramural Outlay (Payment)	Date: 19990330
Budget Source: Removal	Amount: \$57389

Action Name: Removal	Financial ID: 0007
Financial Type: Deobligation	Date: 19990427
Budget Source: Removal	Amount: \$40719
Action Name: Removal	Financial ID: 0007
Financial Type: Extramural Outlay (Payment)	Date: 19990427
Budget Source: Removal	Amount: \$40719
Action Name: Removal	Financial ID: 0003
Financial Type: Commitment	Date: 19990513
Budget Source: Removal	Amount: \$81000
Action Name: Removal	Financial ID: 0003
Financial Type: Decommitment	Date: 19990519
Budget Source: Removal	Amount: \$81000
Action Name: Removal	Financial ID: 0003
Financial Type: Actual Obligation	Date: 19990519
Budget Source: Removal	Amount: \$81000
Action Name: Removal	Financial ID: 0008
Financial Type: Deobligation	Date: 19990602
Budget Source: Removal	Amount: \$32008
Action Name: Removal	Financial ID: 0008
Financial Type: Extramural Outlay (Payment)	Date: 19990602
Budget Source: Removal	Amount: \$32008
Action Name: Removal	Financial ID: 0010
Financial Type: Deobligation	Date: 19990712
Budget Source: Removal	Amount: \$48992
Action Name: Removal	Financial ID: 0011
Financial Type: Deobligation	Date: 19990712
Budget Source: Removal	Amount: \$39629
Action Name: Removal	Financial ID: 0010
Financial Type: Extramural Outlay (Payment)	Date: 19990712
Budget Source: Removal	Amount: \$48992
Action Name: Removal	Financial ID: 0011
Financial Type: Extramural Outlay (Payment)	Date: 19990712
Budget Source: Removal	Amount: \$39629
Action Name: Removal	Financial ID: 0012
Financial Type: Deobligation	Date: 19990804

Budget Source: Removal	Amount: \$25975
Action Name: Removal	Financial ID: 0012
Financial Type: Extramural Outlay (Payment)	Date: 19990804
Budget Source: Removal	Amount: \$25975
Action Name: Removal	Financial ID: 0004
Financial Type: Commitment	Date: 19990806
Budget Source: Removal	Amount: \$100000
Action Name: Removal	Financial ID: 0004
Financial Type: Decommitment	Date: 19990813
Budget Source: Removal	Amount: \$100000
Action Name: Removal	Financial ID: 0005
Financial Type: Actual Obligation	Date: 19990813
Budget Source: Removal	Amount: \$100000
Action Name: Remedial Design	Financial ID: 0001
Financial Type: Commitment	Date: 19990823
Budget Source: Remedial	Amount: \$600000
Action Name: Removal	Financial ID: 0013
Financial Type: Deobligation	Date: 19990920
Budget Source: Removal	Amount: \$72340
Action Name: Removal	Financial ID: 0013
Financial Type: Extramural Outlay (Payment)	Date: 19990920
Budget Source: Removal	Amount: \$72340
Action Name: Remedial Design	Financial ID: 0001
Financial Type: Decommitment	Date: 19991012
Budget Source: Remedial	Amount: \$600000
Action Name: Remedial Design	Financial ID: 0001
Financial Type: Actual Obligation	Date: 19991012
Budget Source: Remedial	Amount: \$600000
Action Name: Removal	Financial ID: 0014
Financial Type: Deobligation	Date: 19991018
Budget Source: Removal	Amount: \$2355
Action Name: Removal	Financial ID: 0014
Financial Type: Extramural Outlay (Payment)	Date: 19991018
Budget Source: Removal	Amount: \$2355
Action Name: Removal	Financial ID: 0015

Financial Type: Deobligation Budget Source: Removal	Date: 19991102 Amount: \$10403
Action Name: Removal Financial Type: Extramural Outlay (Payment) Budget Source: Removal	Financial ID: 0015 Date: 19991102 Amount: \$10403
Action Name: Removal Financial Type: Deobligation Budget Source: Removal	Financial ID: 0016 Date: 19991208 Amount: \$25120
Action Name: Removal Financial Type: Extramural Outlay (Payment) Budget Source: Removal	Financial ID: 0016 Date: 19991208 Amount: \$25120
Action Name: Removal Financial Type: Commitment Budget Source: Removal	Financial ID: 0005 Date: 20000103 Amount: \$100000
Action Name: Removal Financial Type: Decommitment Budget Source: Removal	Financial ID: 0005 Date: 20000106 Amount: \$100000
Action Name: Removal Financial Type: Actual Obligation Budget Source: Removal	Financial ID: 0006 Date: 20000106 Amount: \$100000
Action Name: Removal Financial Type: Deobligation Budget Source: Removal	Financial ID: 0017 Date: 20000112 Amount: \$33037
Action Name: Removal Financial Type: Extramural Outlay (Payment) Budget Source: Removal	Financial ID: 0017 Date: 20000112 Amount: \$33037
Action Name: Removal Financial Type: Deobligation Budget Source: Removal	Financial ID: 0018 Date: 20000211 Amount: \$43781
Action Name: Removal Financial Type: Extramural Outlay (Payment) Budget Source: Removal	Financial ID: 0018 Date: 20000211 Amount: \$43781
Action Name: Remedial Design Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0001 Date: 20000301 Amount: \$12879

Action Name: Remedial Design	Financial ID: 0001
Financial Type: Extramural Outlay (Payment)	Date: 20000301
Budget Source: Remedial	Amount: \$12879
Action Name: Removal	Financial ID: 0019
Financial Type: Deobligation	Date: 20000309
Budget Source: Removal	Amount: \$5682
Action Name: Removal	Financial ID: 0019
Financial Type: Extramural Outlay (Payment)	Date: 20000309
Budget Source: Removal	Amount: \$5682
Action Name: Removal	Financial ID: 0020
Financial Type: Deobligation	Date: 20000316
Budget Source: Removal	Amount: \$9711
Action Name: Removal	Financial ID: 0020
Financial Type: Extramural Outlay (Payment)	Date: 20000316
Budget Source: Removal	Amount: \$9711
Action Name: Removal	Financial ID: 0022
Financial Type: Deobligation	Date: 20000418
Budget Source: Removal	Amount: \$14028
Action Name: Removal	Financial ID: 0021
Financial Type: Deobligation	Date: 20000418
Budget Source: Removal	Amount: \$20135
Action Name: Removal	Financial ID: 0021
Financial Type: Extramural Outlay (Payment)	Date: 20000418
Budget Source: Removal	Amount: \$20135
Action Name: Removal	Financial ID: 0022
Financial Type: Extramural Outlay (Payment)	Date: 20000418
Budget Source: Removal	Amount: \$14028
Action Name: Remedial Design	Financial ID: 0002
Financial Type: Deobligation	Date: 20000426
Budget Source: Remedial	Amount: \$50381
Action Name: Remedial Design	Financial ID: 0002
Financial Type: Extramural Outlay (Payment)	Date: 20000426
Budget Source: Remedial	Amount: \$50381
Action Name: Removal	Financial ID: 0006
Financial Type: Commitment	Date: 20000503
Budget Source: Removal	Amount: \$100000

Action Name: Removal	Financial ID: 0024
Financial Type: Deobligation	Date: 20000505
Budget Source: Removal	Amount: \$1143
Action Name: Removal	Financial ID: 0024
Financial Type: Extramural Outlay (Payment)	Date: 20000505
Budget Source: Removal	Amount: \$1143
Action Name: Removal	Financial ID: 0023
Financial Type: Deobligation	Date: 20000510
Budget Source: Removal	Amount: \$11565
Action Name: Removal	Financial ID: 0023
Financial Type: Extramural Outlay (Payment)	Date: 20000510
Budget Source: Removal	Amount: \$11565
Action Name: Removal	Financial ID: 0006
Financial Type: Decolmitment	Date: 20000516
Budget Source: Removal	Amount: \$100000
Action Name: Removal	Financial ID: 0007
Financial Type: Actual Obligation	Date: 20000516
Budget Source: Removal	Amount: \$100000
Action Name: Remedial Design	Financial ID: 0003
Financial Type: Deobligation	Date: 20000516
Budget Source: Remedial	Amount: \$134373
Action Name: Remedial Design	Financial ID: 0003
Financial Type: Extramural Outlay (Payment)	Date: 20000516
Budget Source: Remedial	Amount: \$134373
Action Name: Remedial Design	Financial ID: 0002
Financial Type: Commitment	Date: 20000522
Budget Source: Remedial	Amount: \$200000
Action Name: Remedial Design	Financial ID: 0002
Financial Type: Decolmitment	Date: 20000531
Budget Source: Remedial	Amount: \$200000
Action Name: Remedial Design	Financial ID: 0002
Financial Type: Actual Obligation	Date: 20000531
Budget Source: Remedial	Amount: \$200000
Action Name: Removal	Financial ID: 0025
Financial Type: Deobligation	Date: 20000606

Budget Source: Removal	Amount:	\$11304
Action Name: Removal	Financial ID:	0025
Financial Type: Extramural Outlay (Payment)	Date:	20000606
Budget Source: Removal	Amount:	\$11304
Action Name: Remedial Design	Financial ID:	0004
Financial Type: Deobligation	Date:	20000607
Budget Source: Remedial	Amount:	\$110612
Action Name: Remedial Design	Financial ID:	0004
Financial Type: Extramural Outlay (Payment)	Date:	20000607
Budget Source: Remedial	Amount:	\$110612
Action Name: Removal	Financial ID:	0026
Financial Type: Deobligation	Date:	20000628
Budget Source: Removal	Amount:	\$4134
Action Name: Removal	Financial ID:	0026
Financial Type: Extramural Outlay (Payment)	Date:	20000628
Budget Source: Removal	Amount:	\$4134
Action Name: Technical Assistance Grant	Financial ID:	0001
Financial Type: Commitment	Date:	20000630
Budget Source: Remedial	Amount:	\$50000
Action Name: Removal	Financial ID:	0027
Financial Type: Deobligation	Date:	20000717
Budget Source: Removal	Amount:	\$22065
Action Name: Removal	Financial ID:	0027
Financial Type: Extramural Outlay (Payment)	Date:	20000717
Budget Source: Removal	Amount:	\$22065
Action Name: Remedial Design	Financial ID:	0005
Financial Type: Deobligation	Date:	20000801
Budget Source: Remedial	Amount:	\$86709
Action Name: Remedial Design	Financial ID:	0005
Financial Type: Extramural Outlay (Payment)	Date:	20000801
Budget Source: Remedial	Amount:	\$86709
Action Name: Technical Assistance Grant	Financial ID:	0001
Financial Type: Decommitment	Date:	20000817
Budget Source: Remedial	Amount:	\$50000
Action Name: Technical Assistance Grant	Financial ID:	0001

Financial Type: Actual Obligation Budget Source: Remedial	Date: 20000817 Amount: \$50000
Action Name: Removal Financial Type: Deobligation Budget Source: Removal	Financial ID: 0028 Date: 20000908 Amount: \$12953
Action Name: Removal Financial Type: Extramural Outlay (Payment) Budget Source: Removal	Financial ID: 0028 Date: 20000908 Amount: \$12953
Action Name: Remedial Design Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0006 Date: 20000915 Amount: \$86772
Action Name: Remedial Design Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0006 Date: 20000915 Amount: \$86772
Action Name: Remedial Action Financial Type: Commitment Budget Source: Remedial	Financial ID: 0001 Date: 20000925 Amount: \$300000
Action Name: Remedial Action Financial Type: Commitment Budget Source: Remedial	Financial ID: 0001 Date: 20000925 Amount: \$50000
Action Name: Remedial Action Financial Type: Decommitment Budget Source: Remedial	Financial ID: 0001 Date: 20000928 Amount: \$50000
Action Name: Remedial Action Financial Type: Decommitment Budget Source: Remedial	Financial ID: 0001 Date: 20000928 Amount: \$300000
Action Name: Remedial Action Financial Type: Actual Obligation Budget Source: Remedial	Financial ID: 0001 Date: 20000928 Amount: \$300000
Action Name: Remedial Action Financial Type: Actual Obligation Budget Source: Remedial	Financial ID: 0001 Date: 20000928 Amount: \$50000
Action Name: Remedial Action Financial Type: Commitment Budget Source: Remedial	Financial ID: 0002 Date: 20000929 Amount: \$400000

Action Name: Remedial Action	Financial ID: 0002
Financial Type: Commitment	Date: 20000929
Budget Source: Remedial	Amount: \$70000
Action Name: Remedial Action	Financial ID: 0002
Financial Type: Decommitment	Date: 20000929
Budget Source: Remedial	Amount: \$400000
Action Name: Remedial Action	Financial ID: 0002
Financial Type: Decommitment	Date: 20000929
Budget Source: Remedial	Amount: \$70000
Action Name: Remedial Action	Financial ID: 0002
Financial Type: Actual Obligation	Date: 20000929
Budget Source: Remedial	Amount: \$400000
Action Name: Remedial Action	Financial ID: 0002
Financial Type: Actual Obligation	Date: 20000929
Budget Source: Remedial	Amount: \$70000
Action Name: Removal	Financial ID: 0029
Financial Type: Deobligation	Date: 20001019
Budget Source: Removal	Amount: \$14061
Action Name: Removal	Financial ID: 0030
Financial Type: Deobligation	Date: 20001019
Budget Source: Removal	Amount: \$15617
Action Name: Removal	Financial ID: 0031
Financial Type: Deobligation	Date: 20001019
Budget Source: Removal	Amount: \$1397
Action Name: Removal	Financial ID: 0029
Financial Type: Extramural Outlay (Payment)	Date: 20001019
Budget Source: Removal	Amount: \$14061
Action Name: Removal	Financial ID: 0030
Financial Type: Extramural Outlay (Payment)	Date: 20001019
Budget Source: Removal	Amount: \$15617
Action Name: Removal	Financial ID: 0031
Financial Type: Extramural Outlay (Payment)	Date: 20001019
Budget Source: Removal	Amount: \$1397
Action Name: Remedial Design	Financial ID: 0007
Financial Type: Deobligation	Date: 20001027
Budget Source: Remedial	Amount: \$74414

Action Name: Remedial Design	Financial ID: 0007
Financial Type: Extramural Outlay (Payment)	Date: 20001027
Budget Source: Remedial	Amount: \$74414
Action Name: Removal	Financial ID: 0032
Financial Type: Deobligation	Date: 20001115
Budget Source: Removal	Amount: \$12612
Action Name: Removal	Financial ID: 0032
Financial Type: Extramural Outlay (Payment)	Date: 20001115
Budget Source: Removal	Amount: \$12612
Action Name: Removal	Financial ID: 0033
Financial Type: Deobligation	Date: 20001219
Budget Source: Removal	Amount: \$6401
Action Name: Removal	Financial ID: 0033
Financial Type: Extramural Outlay (Payment)	Date: 20001219
Budget Source: Removal	Amount: \$6401
Action Name: Remedial Design	Financial ID: 0009
Financial Type: Deobligation	Date: 20001227
Budget Source: Remedial	Amount: \$27953
Action Name: Remedial Design	Financial ID: 0009
Financial Type: Extramural Outlay (Payment)	Date: 20001227
Budget Source: Remedial	Amount: \$27953
Action Name: Remedial Design	Financial ID: 0008
Financial Type: Deobligation	Date: 20010103
Budget Source: Remedial	Amount: \$42044
Action Name: Remedial Design	Financial ID: 0008
Financial Type: Extramural Outlay (Payment)	Date: 20010103
Budget Source: Remedial	Amount: \$42044
Action Name: Remedial Action	Financial ID: 0001
Financial Type: Deobligation	Date: 20010112
Budget Source: Remedial	Amount: \$81995
Action Name: Removal	Financial ID: 0034
Financial Type: Deobligation	Date: 20010112
Budget Source: Removal	Amount: \$21646
Action Name: Remedial Design	Financial ID: 0010
Financial Type: Deobligation	Date: 20010112

Budget Source: Remedial	Amount: \$1364
Action Name: Remedial Design	Financial ID: 0011
Financial Type: Deobligation	Date: 20010112
Budget Source: Remedial	Amount: \$15907
Action Name: Remedial Action	Financial ID: 0001
Financial Type: Extramural Outlay (Payment)	Date: 20010112
Budget Source: Remedial	Amount: \$81995
Action Name: Removal	Financial ID: 0034
Financial Type: Extramural Outlay (Payment)	Date: 20010112
Budget Source: Removal	Amount: \$21646
Action Name: Remedial Design	Financial ID: 0010
Financial Type: Extramural Outlay (Payment)	Date: 20010112
Budget Source: Remedial	Amount: \$1364
Action Name: Remedial Design	Financial ID: 0011
Financial Type: Extramural Outlay (Payment)	Date: 20010112
Budget Source: Remedial	Amount: \$15907
Action Name: Technical Assistance Grant	Financial ID: 0001
Financial Type: Deobligation	Date: 20010123
Budget Source: Remedial	Amount: \$711
Action Name: Technical Assistance Grant	Financial ID: 0001
Financial Type: Extramural Outlay (Payment)	Date: 20010123
Budget Source: Remedial	Amount: \$711
Action Name: Removal	Financial ID: 0035
Financial Type: Deobligation	Date: 20010213
Budget Source: Removal	Amount: \$4594
Action Name: Removal	Financial ID: 0035
Financial Type: Extramural Outlay (Payment)	Date: 20010213
Budget Source: Removal	Amount: \$4594
Action Name: Technical Assistance Grant	Financial ID: 0002
Financial Type: Deobligation	Date: 20010226
Budget Source: Remedial	Amount: \$1283
Action Name: Technical Assistance Grant	Financial ID: 0002
Financial Type: Extramural Outlay (Payment)	Date: 20010226
Budget Source: Remedial	Amount: \$1283
Action Name: Remedial Design	Financial ID: 0012

Financial Type: Deobligation Budget Source: Remedial	Date: 20010316 Amount: \$27551
Action Name: Remedial Design Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0012 Date: 20010316 Amount: \$27551
Action Name: Remedial Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0001 Date: 20010321 Amount: \$63614
Action Name: Removal Financial Type: Deobligation Budget Source: Removal	Financial ID: 0036 Date: 20010321 Amount: \$3537
Action Name: Remedial Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0001 Date: 20010321 Amount: \$63614
Action Name: Removal Financial Type: Extramural Outlay (Payment) Budget Source: Removal	Financial ID: 0036 Date: 20010321 Amount: \$3537
Action Name: Remedial Design Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0013 Date: 20010404 Amount: \$25452
Action Name: Remedial Design Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0013 Date: 20010404 Amount: \$25452
Action Name: Remedial Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0002 Date: 20010416 Amount: \$73980
Action Name: Remedial Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0002 Date: 20010416 Amount: \$73980
Action Name: Removal Financial Type: Deobligation Budget Source: Removal	Financial ID: 0038 Date: 20010502 Amount: \$750
Action Name: Removal Financial Type: Extramural Outlay (Payment) Budget Source: Removal	Financial ID: 0038 Date: 20010502 Amount: \$750

Action Name: Remedial Action	Financial ID: 0003
Financial Type: Deobligation	Date: 20010507
Budget Source: Remedial	Amount: \$133252
Action Name: Remedial Action	Financial ID: 0003
Financial Type: Extramural Outlay (Payment)	Date: 20010507
Budget Source: Remedial	Amount: \$133252
Action Name: Remedial Design	Financial ID: 0014
Financial Type: Deobligation	Date: 20010509
Budget Source: Remedial	Amount: \$51814
Action Name: Removal	Financial ID: 0037
Financial Type: Deobligation	Date: 20010509
Budget Source: Removal	Amount: \$4838
Action Name: Remedial Design	Financial ID: 0014
Financial Type: Extramural Outlay (Payment)	Date: 20010509
Budget Source: Remedial	Amount: \$51814
Action Name: Removal	Financial ID: 0037
Financial Type: Extramural Outlay (Payment)	Date: 20010509
Budget Source: Removal	Amount: \$4838
Action Name: Remedial Action	Financial ID: 0004
Financial Type: Deobligation	Date: 20010515
Budget Source: Remedial	Amount: \$103914
Action Name: Remedial Action	Financial ID: 0004
Financial Type: Extramural Outlay (Payment)	Date: 20010515
Budget Source: Remedial	Amount: \$103914
Action Name: Technical Assistance Grant	Financial ID: 0003
Financial Type: Deobligation	Date: 20010518
Budget Source: Remedial	Amount: \$8428
Action Name: Technical Assistance Grant	Financial ID: 0003
Financial Type: Extramural Outlay (Payment)	Date: 20010518
Budget Source: Remedial	Amount: \$8428
Action Name: Removal	Financial ID: 0039
Financial Type: Deobligation	Date: 20010608
Budget Source: Removal	Amount: \$7844
Action Name: Remedial Design	Financial ID: 0015
Financial Type: Deobligation	Date: 20010618
Budget Source: Remedial	Amount: \$4547

Action Name: Removal	Financial ID: 0040
Financial Type: Deobligation	Date: 20010618
Budget Source: Removal	Amount: \$1124
Action Name: Remedial Design	Financial ID: 0015
Financial Type: Extramural Outlay (Payment)	Date: 20010618
Budget Source: Remedial	Amount: \$4547
Action Name: Removal	Financial ID: 0039
Financial Type: Extramural Outlay (Payment)	Date: 20010618
Budget Source: Removal	Amount: \$1124
Action Name: Remedial Action	Financial ID: 0001
Financial Type: Commitment	Date: 20010629
Budget Source: Remedial	Amount: \$250000
Action Name: Remedial Action	Financial ID: 0001
Financial Type: Decommitment	Date: 20010702
Budget Source: Remedial	Amount: \$250000
Action Name: Remedial Action	Financial ID: 0001
Financial Type: Actual Obligation	Date: 20010702
Budget Source: Remedial	Amount: \$250000
Action Name: Remedial Action	Financial ID: 0005
Financial Type: Deobligation	Date: 20010713
Budget Source: Remedial	Amount: \$83263
Action Name: Remedial Action	Financial ID: 0005
Financial Type: Extramural Outlay (Payment)	Date: 20010713
Budget Source: Remedial	Amount: \$83263
Action Name: Remedial Design	Financial ID: 0016
Financial Type: Deobligation	Date: 20010807
Budget Source: Remedial	Amount: \$8035
Action Name: Remedial Design	Financial ID: 0016
Financial Type: Extramural Outlay (Payment)	Date: 20010807
Budget Source: Remedial	Amount: \$8035
Action Name: Remedial Action	Financial ID: 0006
Financial Type: Deobligation	Date: 20010809
Budget Source: Remedial	Amount: \$63334
Action Name: Remedial Action	Financial ID: 0006
Financial Type: Extramural Outlay (Payment)	Date: 20010809

Budget Source: Remedial	Amount: \$63334
Action Name: Remedial Design	Financial ID: 0017
Financial Type: Deobligation	Date: 20010814
Budget Source: Remedial	Amount: \$6797
Action Name: Remedial Design	Financial ID: 0017
Financial Type: Extramural Outlay (Payment)	Date: 20010814
Budget Source: Remedial	Amount: \$6797
Action Name: Remedial Action	Financial ID: 0007
Financial Type: Deobligation	Date: 20010815
Budget Source: Remedial	Amount: \$109734
Action Name: Remedial Action	Financial ID: 0007
Financial Type: Extramural Outlay (Payment)	Date: 20010815
Budget Source: Remedial	Amount: \$109734
Action Name: Removal	Financial ID: 0041
Financial Type: Deobligation	Date: 20010816
Budget Source: Removal	Amount: \$9863
Action Name: Removal	Financial ID: 0040
Financial Type: Extramural Outlay (Payment)	Date: 20010816
Budget Source: Removal	Amount: \$9863
Action Name: Removal	Financial ID: 0007
Financial Type: Commitment	Date: 20010827
Budget Source: Removal	Amount: \$308000
Action Name: Removal	Financial ID: 0042
Financial Type: Deobligation	Date: 20010831
Budget Source: Removal	Amount: \$5084
Action Name: Remedial Design	Financial ID: 0018
Financial Type: Deobligation	Date: 20010831
Budget Source: Remedial	Amount: \$2804
Action Name: Removal	Financial ID: 0041
Financial Type: Extramural Outlay (Payment)	Date: 20010831
Budget Source: Removal	Amount: \$5084
Action Name: Remedial Design	Financial ID: 0018
Financial Type: Extramural Outlay (Payment)	Date: 20010831
Budget Source: Remedial	Amount: \$2804
Action Name: Remedial Action	Financial ID: 0002

Financial Type: Commitment Budget Source: Remedial	Date: 20010906 Amount: \$100000
Action Name: Remedial Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0002 Date: 20010912 Amount: \$50000
Action Name: Remedial Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0003 Date: 20010912 Amount: \$5824
Action Name: Remedial Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0002 Date: 20010912 Amount: \$50000
Action Name: Remedial Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0003 Date: 20010912 Amount: \$5824
Action Name: Remedial Action Financial Type: Decommitment Budget Source: Remedial	Financial ID: 0002 Date: 20010927 Amount: \$100000
Action Name: Remedial Action Financial Type: Actual Obligation Budget Source: Remedial	Financial ID: 0002 Date: 20010927 Amount: \$100000
Action Name: Removal Financial Type: Decommitment Budget Source: Removal	Financial ID: 0007 Date: 20011011 Amount: \$308000
Action Name: Removal Financial Type: Actual Obligation Budget Source: Removal	Financial ID: 0008 Date: 20011011 Amount: \$308000
Action Name: Remedial Design Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0019 Date: 20011115 Amount: \$3019
Action Name: Removal Financial Type: Deobligation Budget Source: Removal	Financial ID: 0043 Date: 20011115 Amount: \$5173
Action Name: Remedial Design Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0019 Date: 20011115 Amount: \$3019

Action Name: Removal	Financial ID: 0042
Financial Type: Extramural Outlay (Payment)	Date: 20011115
Budget Source: Removal	Amount: \$5173
Action Name: Remedial Action	Financial ID: 0001
Financial Type: Deobligation	Date: 20011121
Budget Source: Remedial	Amount: \$126262
Action Name: Remedial Action	Financial ID: 0001
Financial Type: Extramural Outlay (Payment)	Date: 20011121
Budget Source: Remedial	Amount: \$126262
Action Name: Removal	Financial ID: 0044
Financial Type: Deobligation	Date: 20011212
Budget Source: Removal	Amount: \$1112
Action Name: Removal	Financial ID: 0045
Financial Type: Deobligation	Date: 20011212
Budget Source: Removal	Amount: \$12044
Action Name: Removal	Financial ID: 0043
Financial Type: Extramural Outlay (Payment)	Date: 20011212
Budget Source: Removal	Amount: \$1112
Action Name: Removal	Financial ID: 0044
Financial Type: Extramural Outlay (Payment)	Date: 20011212
Budget Source: Removal	Amount: \$12044
Action Name: Remedial Design	Financial ID: 0020
Financial Type: Deobligation	Date: 20011217
Budget Source: Remedial	Amount: \$17363
Action Name: Remedial Design	Financial ID: 0020
Financial Type: Extramural Outlay (Payment)	Date: 20011217
Budget Source: Remedial	Amount: \$17363
Action Name: Remedial Action	Financial ID: 0002
Financial Type: Deobligation	Date: 20011218
Budget Source: Remedial	Amount: \$53911
Action Name: Remedial Action	Financial ID: 0002
Financial Type: Extramural Outlay (Payment)	Date: 20011218
Budget Source: Remedial	Amount: \$53911
Action Name: Remedial Action	Financial ID: 0008
Financial Type: Deobligation	Date: 20020115
Budget Source: Remedial	Amount: \$8377

Action Name: Remedial Action	Financial ID: 0004
Financial Type: Deobligation	Date: 20020115
Budget Source: Remedial	Amount: \$562
Action Name: Remedial Action	Financial ID: 0008
Financial Type: Extramural Outlay (Payment)	Date: 20020115
Budget Source: Remedial	Amount: \$8377
Action Name: Remedial Action	Financial ID: 0004
Financial Type: Extramural Outlay (Payment)	Date: 20020115
Budget Source: Remedial	Amount: \$562
Action Name: Removal	Financial ID: 0046
Financial Type: Deobligation	Date: 20020123
Budget Source: Removal	Amount: \$4102
Action Name: Removal	Financial ID: 0045
Financial Type: Extramural Outlay (Payment)	Date: 20020123
Budget Source: Removal	Amount: \$4102
Action Name: Removal	Financial ID: 0047
Financial Type: Deobligation	Date: 20020214
Budget Source: Removal	Amount: \$40514
Action Name: Removal	Financial ID: 0046
Financial Type: Extramural Outlay (Payment)	Date: 20020214
Budget Source: Removal	Amount: \$40514
Action Name: Remedial Action	Financial ID: 0003
Financial Type: Deobligation	Date: 20020228
Budget Source: Remedial	Amount: \$39392
Action Name: Remedial Action	Financial ID: 0003
Financial Type: Extramural Outlay (Payment)	Date: 20020228
Budget Source: Remedial	Amount: \$39392
Action Name: Removal	Financial ID: 0009
Financial Type: Actual Obligation	Date: 20020312
Budget Source: Removal	Amount: \$699
Action Name: Removal	Financial ID: 0049
Financial Type: Deobligation	Date: 20020312
Budget Source: Removal	Amount: \$699
Action Name: Removal	Financial ID: 0048
Financial Type: Extramural Outlay (Payment)	Date: 20020312

Budget Source: Removal	Amount: \$699
Action Name: Removal	Financial ID: 0048
Financial Type: Deobligation	Date: 20020314
Budget Source: Removal	Amount: \$22030
Action Name: Removal	Financial ID: 0047
Financial Type: Extramural Outlay (Payment)	Date: 20020314
Budget Source: Removal	Amount: \$22030
Action Name: Removal	Financial ID: 0010
Financial Type: Actual Obligation	Date: 20020318
Budget Source: Removal	Amount: \$0
Action Name: Removal	Financial ID: 0050
Financial Type: Deobligation	Date: 20020318
Budget Source: Removal	Amount: \$0
Action Name: Removal	Financial ID: 0049
Financial Type: Extramural Outlay (Payment)	Date: 20020318
Budget Source: Removal	Amount: \$0
Action Name: Remedial Action	Financial ID: 0004
Financial Type: Deobligation	Date: 20020319
Budget Source: Remedial	Amount: \$6358
Action Name: Remedial Action	Financial ID: 0004
Financial Type: Extramural Outlay (Payment)	Date: 20020319
Budget Source: Remedial	Amount: \$6358
Action Name: Remedial Action	Financial ID: 0009
Financial Type: Deobligation	Date: 20020415
Budget Source: Remedial	Amount: \$2570
Action Name: Remedial Action	Financial ID: 0009
Financial Type: Extramural Outlay (Payment)	Date: 20020415
Budget Source: Remedial	Amount: \$2570
Action Name: Removal	Financial ID: 0051
Financial Type: Deobligation	Date: 20020416
Budget Source: Removal	Amount: \$43167
Action Name: Removal	Financial ID: 0050
Financial Type: Extramural Outlay (Payment)	Date: 20020416
Budget Source: Removal	Amount: \$43167
Action Name: Technical Assistance Grant	Financial ID: 0004

Financial Type: Deobligation Budget Source: Remedial	Date: 20020510 Amount: \$6059
Action Name: Technical Assistance Grant Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0004 Date: 20020510 Amount: \$6059
Action Name: Remedial Design Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0021 Date: 20020513 Amount: \$8391
Action Name: Remedial Design Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0021 Date: 20020513 Amount: \$8391
Action Name: Removal Financial Type: Deobligation Budget Source: Removal	Financial ID: 0052 Date: 20020514 Amount: \$31014
Action Name: Removal Financial Type: Extramural Outlay (Payment) Budget Source: Removal	Financial ID: 0051 Date: 20020514 Amount: \$31014
Action Name: Remedial Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0010 Date: 20020516 Amount: \$10039
Action Name: Remedial Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0010 Date: 20020516 Amount: \$10039
Action Name: Remedial Design Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0022 Date: 20020605 Amount: \$672
Action Name: Remedial Design Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0022 Date: 20020605 Amount: \$672
Action Name: Removal Financial Type: Deobligation Budget Source: Removal	Financial ID: 0053 Date: 20020617 Amount: \$11433
Action Name: Remedial Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0005 Date: 20020617 Amount: \$2757

Action Name: Removal	Financial ID: 0052
Financial Type: Extramural Outlay (Payment)	Date: 20020617
Budget Source: Removal	Amount: \$11433
Action Name: Remedial Action	Financial ID: 0005
Financial Type: Extramural Outlay (Payment)	Date: 20020617
Budget Source: Remedial	Amount: \$2757
Action Name: Removal	Financial ID: 0054
Financial Type: Deobligation	Date: 20020717
Budget Source: Removal	Amount: \$54422
Action Name: Removal	Financial ID: 0053
Financial Type: Extramural Outlay (Payment)	Date: 20020717
Budget Source: Removal	Amount: \$54422
Action Name: Remedial Action	Financial ID: 0011
Financial Type: Deobligation	Date: 20020809
Budget Source: Remedial	Amount: \$8976
Action Name: Remedial Action	Financial ID: 0011
Financial Type: Extramural Outlay (Payment)	Date: 20020809
Budget Source: Remedial	Amount: \$8976
Action Name: Remedial Design	Financial ID: 0023
Financial Type: Deobligation	Date: 20020814
Budget Source: Remedial	Amount: \$147
Action Name: Removal	Financial ID: 0055
Financial Type: Deobligation	Date: 20020905
Budget Source: Removal	Amount: \$34657
Action Name: Remedial Action	Financial ID: 0012
Financial Type: Deobligation	Date: 20020905
Budget Source: Remedial	Amount: \$18010
Action Name: Removal	Financial ID: 0054
Financial Type: Extramural Outlay (Payment)	Date: 20020905
Budget Source: Removal	Amount: \$34657
Action Name: Remedial Action	Financial ID: 0012
Financial Type: Extramural Outlay (Payment)	Date: 20020905
Budget Source: Remedial	Amount: \$18010
Action Name: Long Term Response Action	Financial ID: 0001
Financial Type: Commitment	Date: 20020923
Budget Source: Remedial	Amount: \$150000

Action Name: Remedial Action	Financial ID: 0003
Financial Type: Commitment	Date: 20020925
Budget Source: Remedial	Amount: \$250000
Action Name: Remedial Action	Financial ID: 0003
Financial Type: Commitment	Date: 20020925
Budget Source: Remedial	Amount: \$80000
Action Name: Long Term Response Action	Financial ID: 0001
Financial Type: Decommitment	Date: 20020930
Budget Source: Remedial	Amount: \$150000
Action Name: Remedial Action	Financial ID: 0003
Financial Type: Decommitment	Date: 20020930
Budget Source: Remedial	Amount: \$250000
Action Name: Remedial Action	Financial ID: 0003
Financial Type: Decommitment	Date: 20020930
Budget Source: Remedial	Amount: \$80000
Action Name: Long Term Response Action	Financial ID: 0001
Financial Type: Actual Obligation	Date: 20020930
Budget Source: Remedial	Amount: \$150000
Action Name: Remedial Action	Financial ID: 0003
Financial Type: Actual Obligation	Date: 20020930
Budget Source: Remedial	Amount: \$250000
Action Name: Remedial Action	Financial ID: 0003
Financial Type: Actual Obligation	Date: 20020930
Budget Source: Remedial	Amount: \$80000
Action Name: Removal	Financial ID: 0056
Financial Type: Deobligation	Date: 20021018
Budget Source: Removal	Amount: \$6350
Action Name: Remedial Action	Financial ID: 0006
Financial Type: Deobligation	Date: 20021018
Budget Source: Remedial	Amount: \$16660
Action Name: Removal	Financial ID: 0055
Financial Type: Extramural Outlay (Payment)	Date: 20021018
Budget Source: Removal	Amount: \$6350
Action Name: Remedial Action	Financial ID: 0006
Financial Type: Extramural Outlay (Payment)	Date: 20021018

Budget Source: Remedial	Amount:	\$16660
Action Name: Remedial Action	Financial ID:	0007
Financial Type: Deobligation	Date:	20021108
Budget Source: Remedial	Amount:	\$10815
Action Name: Remedial Action	Financial ID:	0007
Financial Type: Extramural Outlay (Payment)	Date:	20021108
Budget Source: Remedial	Amount:	\$10815
Action Name: Removal	Financial ID:	0057
Financial Type: Deobligation	Date:	20021113
Budget Source: Removal	Amount:	\$6101
Action Name: Removal	Financial ID:	0056
Financial Type: Extramural Outlay (Payment)	Date:	20021113
Budget Source: Removal	Amount:	\$6101
Action Name: Technical Assistance Grant	Financial ID:	0006
Financial Type: Deobligation	Date:	20021122
Budget Source: Remedial	Amount:	\$11656
Action Name: Technical Assistance Grant	Financial ID:	0005
Financial Type: Deobligation	Date:	20021122
Budget Source: Remedial	Amount:	\$2546
Action Name: Technical Assistance Grant	Financial ID:	0005
Financial Type: Extramural Outlay (Payment)	Date:	20021122
Budget Source: Remedial	Amount:	\$11656
Action Name: Technical Assistance Grant	Financial ID:	0006
Financial Type: Extramural Outlay (Payment)	Date:	20021122
Budget Source: Remedial	Amount:	\$2546
Action Name: Removal	Financial ID:	0058
Financial Type: Deobligation	Date:	20021216
Budget Source: Removal	Amount:	\$8698
Action Name: Remedial Action	Financial ID:	0008
Financial Type: Deobligation	Date:	20021216
Budget Source: Remedial	Amount:	\$44064
Action Name: Remedial Action	Financial ID:	0008
Financial Type: Extramural Outlay (Payment)	Date:	20021216
Budget Source: Remedial	Amount:	\$44064
Action Name: Removal	Financial ID:	0057

Financial Type: Extramural Outlay (Payment) Budget Source: Removal	Date: 20021216 Amount: \$8698
Action Name: Removal Financial Type: Deobligation Budget Source: Removal	Financial ID: 0059 Date: 20030114 Amount: \$1827
Action Name: Remedial Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0009 Date: 20030114 Amount: \$43294
Action Name: Removal Financial Type: Extramural Outlay (Payment) Budget Source: Removal	Financial ID: 0058 Date: 20030114 Amount: \$1827
Action Name: Remedial Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0009 Date: 20030114 Amount: \$43294
Action Name: Removal Financial Type: Deobligation Budget Source: Removal	Financial ID: 0061 Date: 20030207 Amount: \$478
Action Name: Removal Financial Type: Deobligation Budget Source: Removal	Financial ID: 0060 Date: 20030207 Amount: \$1223
Action Name: Removal Financial Type: Extramural Outlay (Payment) Budget Source: Removal	Financial ID: 0060 Date: 20030207 Amount: \$478
Action Name: Removal Financial Type: Extramural Outlay (Payment) Budget Source: Removal	Financial ID: 0059 Date: 20030207 Amount: \$1223
Action Name: Remedial Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0010 Date: 20030212 Amount: \$6148
Action Name: Remedial Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0011 Date: 20030212 Amount: \$339
Action Name: Remedial Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0013 Date: 20030212 Amount: \$14099

Action Name: Remedial Action	Financial ID: 0014
Financial Type: Deobligation	Date: 20030212
Budget Source: Remedial	Amount: \$2396
Action Name: Remedial Action	Financial ID: 0015
Financial Type: Deobligation	Date: 20030212
Budget Source: Remedial	Amount: \$161
Action Name: Remedial Action	Financial ID: 0010
Financial Type: Extramural Outlay (Payment)	Date: 20030212
Budget Source: Remedial	Amount: \$6148
Action Name: Remedial Action	Financial ID: 0011
Financial Type: Extramural Outlay (Payment)	Date: 20030212
Budget Source: Remedial	Amount: \$339
Action Name: Remedial Action	Financial ID: 0013
Financial Type: Extramural Outlay (Payment)	Date: 20030212
Budget Source: Remedial	Amount: \$14099
Action Name: Remedial Action	Financial ID: 0014
Financial Type: Extramural Outlay (Payment)	Date: 20030212
Budget Source: Remedial	Amount: \$2396
Action Name: Remedial Action	Financial ID: 0015
Financial Type: Extramural Outlay (Payment)	Date: 20030212
Budget Source: Remedial	Amount: \$161
Action Name: Removal	Financial ID: 0062
Financial Type: Deobligation	Date: 20030305
Budget Source: Removal	Amount: \$715
Action Name: Removal	Financial ID: 0061
Financial Type: Extramural Outlay (Payment)	Date: 20030305
Budget Source: Removal	Amount: \$715
Action Name: Remedial Action	Financial ID: 0016
Financial Type: Deobligation	Date: 20030311
Budget Source: Remedial	Amount: \$36162
Action Name: Remedial Action	Financial ID: 0016
Financial Type: Extramural Outlay (Payment)	Date: 20030311
Budget Source: Remedial	Amount: \$36162
Action Name: Long Term Response Action	Financial ID: 0002
Financial Type: Commitment	Date: 20030328
Budget Source: Remedial	Amount: \$370000

Action Name: Removal	Financial ID: 0063
Financial Type: Deobligation	Date: 20030409
Budget Source: Removal	Amount: \$6824
Action Name: Removal	Financial ID: 0062
Financial Type: Extramural Outlay (Payment)	Date: 20030409
Budget Source: Removal	Amount: \$6824
Action Name: Remedial Action	Financial ID: 0012
Financial Type: Deobligation	Date: 20030415
Budget Source: Remedial	Amount: \$80000
Action Name: Remedial Action	Financial ID: 0017
Financial Type: Deobligation	Date: 20030415
Budget Source: Remedial	Amount: \$1082
Action Name: Remedial Action	Financial ID: 0012
Financial Type: Extramural Outlay (Payment)	Date: 20030415
Budget Source: Remedial	Amount: \$80000
Action Name: Remedial Action	Financial ID: 0017
Financial Type: Extramural Outlay (Payment)	Date: 20030415
Budget Source: Remedial	Amount: \$1082
Action Name: Removal	Financial ID: 0064
Financial Type: Deobligation	Date: 20030506
Budget Source: Removal	Amount: \$8923
Action Name: Removal	Financial ID: 0063
Financial Type: Extramural Outlay (Payment)	Date: 20030506
Budget Source: Removal	Amount: \$8923
Action Name: Remedial Action	Financial ID: 0018
Financial Type: Deobligation	Date: 20030513
Budget Source: Remedial	Amount: \$54918
Action Name: Remedial Action	Financial ID: 0018
Financial Type: Extramural Outlay (Payment)	Date: 20030513
Budget Source: Remedial	Amount: \$54918
Action Name: Long Term Response Action	Financial ID: 0002
Financial Type: Decommitment	Date: 20030516
Budget Source: Remedial	Amount: \$370000
Action Name: Long Term Response Action	Financial ID: 0002
Financial Type: Actual Obligation	Date: 20030516

Budget Source: Remedial	Amount:	\$370000
Action Name: Removal	Financial ID:	0065
Financial Type: Deobligation	Date:	20030610
Budget Source: Removal	Amount:	\$1729
Action Name: Remedial Action	Financial ID:	0019
Financial Type: Deobligation	Date:	20030610
Budget Source: Remedial	Amount:	\$45188
Action Name: Remedial Action	Financial ID:	0019
Financial Type: Extramural Outlay (Payment)	Date:	20030610
Budget Source: Remedial	Amount:	\$45188
Action Name: Removal	Financial ID:	0064
Financial Type: Extramural Outlay (Payment)	Date:	20030610
Budget Source: Removal	Amount:	\$1729
Action Name: Long Term Response Action	Financial ID:	0003
Financial Type: Deobligation	Date:	20030611
Budget Source: Remedial	Amount:	\$3203
Action Name: Long Term Response Action	Financial ID:	0001
Financial Type: Deobligation	Date:	20030611
Budget Source: Remedial	Amount:	\$4297
Action Name: Long Term Response Action	Financial ID:	0002
Financial Type: Deobligation	Date:	20030611
Budget Source: Remedial	Amount:	\$2679
Action Name: Long Term Response Action	Financial ID:	0004
Financial Type: Deobligation	Date:	20030611
Budget Source: Remedial	Amount:	\$4581
Action Name: Long Term Response Action	Financial ID:	0003
Financial Type: Extramural Outlay (Payment)	Date:	20030611
Budget Source: Remedial	Amount:	\$3203
Action Name: Long Term Response Action	Financial ID:	0001
Financial Type: Extramural Outlay (Payment)	Date:	20030611
Budget Source: Remedial	Amount:	\$4297
Action Name: Long Term Response Action	Financial ID:	0002
Financial Type: Extramural Outlay (Payment)	Date:	20030611
Budget Source: Remedial	Amount:	\$2679
Action Name: Long Term Response Action	Financial ID:	0004

Financial Type: Extramural Outlay (Payment)	Date:	20030611
Budget Source: Remedial	Amount:	\$4581
Action Name: Long Term Response Action	Financial ID:	0005
Financial Type: Deobligation	Date:	20030703
Budget Source: Remedial	Amount:	\$1495
Action Name: Long Term Response Action	Financial ID:	0005
Financial Type: Extramural Outlay (Payment)	Date:	20030703
Budget Source: Remedial	Amount:	\$1495
Action Name: Remedial Action	Financial ID:	0020
Financial Type: Deobligation	Date:	20030716
Budget Source: Remedial	Amount:	\$36440
Action Name: Remedial Action	Financial ID:	0020
Financial Type: Extramural Outlay (Payment)	Date:	20030716
Budget Source: Remedial	Amount:	\$36440
Action Name: Removal	Financial ID:	0066
Financial Type: Deobligation	Date:	20030813
Budget Source: Removal	Amount:	\$18174
Action Name: Removal	Financial ID:	0065
Financial Type: Extramural Outlay (Payment)	Date:	20030813
Budget Source: Removal	Amount:	\$18174
Action Name: Long Term Response Action	Financial ID:	0003
Financial Type: Commitment	Date:	20030822
Budget Source: Remedial	Amount:	\$280000
Action Name: Remedial Action	Financial ID:	0021
Financial Type: Deobligation	Date:	20030828
Budget Source: Remedial	Amount:	\$22159
Action Name: Remedial Action	Financial ID:	0021
Financial Type: Extramural Outlay (Payment)	Date:	20030828
Budget Source: Remedial	Amount:	\$22159
Action Name: Long Term Response Action	Financial ID:	0006
Financial Type: Deobligation	Date:	20030903
Budget Source: Remedial	Amount:	\$282
Action Name: Long Term Response Action	Financial ID:	0006
Financial Type: Extramural Outlay (Payment)	Date:	20030903
Budget Source: Remedial	Amount:	\$282

Action Name: Removal	Financial ID: 0067
Financial Type: Deobligation	Date: 20030905
Budget Source: Removal	Amount: \$10632
Action Name: Remedial Action	Financial ID: 0022
Financial Type: Deobligation	Date: 20030905
Budget Source: Remedial	Amount: \$17713
Action Name: Removal	Financial ID: 0066
Financial Type: Extramural Outlay (Payment)	Date: 20030905
Budget Source: Removal	Amount: \$10632
Action Name: Remedial Action	Financial ID: 0022
Financial Type: Extramural Outlay (Payment)	Date: 20030905
Budget Source: Remedial	Amount: \$17713
Action Name: Long Term Response Action	Financial ID: 0003
Financial Type: Decommitment	Date: 20030917
Budget Source: Remedial	Amount: \$280000
Action Name: Long Term Response Action	Financial ID: 0003
Financial Type: Actual Obligation	Date: 20030917
Budget Source: Remedial	Amount: \$280000
Action Name: Technical Assistance	Financial ID: 0001
Financial Type: Commitment	Date: 20030929
Budget Source: Remedial	Amount: \$100000
Action Name: Technical Assistance	Financial ID: 0001
Financial Type: Decommitment	Date: 20030930
Budget Source: Remedial	Amount: \$100000
Action Name: Technical Assistance	Financial ID: 0001
Financial Type: Actual Obligation	Date: 20030930
Budget Source: Remedial	Amount: \$100000
Action Name: Long Term Response Action	Financial ID: 0008
Financial Type: Deobligation	Date: 20031006
Budget Source: Remedial	Amount: \$3253
Action Name: Long Term Response Action	Financial ID: 0007
Financial Type: Deobligation	Date: 20031006
Budget Source: Remedial	Amount: \$4149
Action Name: Long Term Response Action	Financial ID: 0008
Financial Type: Extramural Outlay (Payment)	Date: 20031006
Budget Source: Remedial	Amount: \$3253

Action Name: Long Term Response Action	Financial ID: 0007
Financial Type: Extramural Outlay (Payment)	Date: 20031006
Budget Source: Remedial	Amount: \$4149
Action Name: Remedial Action	Financial ID: 0023
Financial Type: Deobligation	Date: 20031008
Budget Source: Remedial	Amount: \$2512
Action Name: Removal	Financial ID: 0068
Financial Type: Deobligation	Date: 20031008
Budget Source: Removal	Amount: \$673
Action Name: Remedial Action	Financial ID: 0023
Financial Type: Extramural Outlay (Payment)	Date: 20031008
Budget Source: Remedial	Amount: \$2512
Action Name: Removal	Financial ID: 0067
Financial Type: Extramural Outlay (Payment)	Date: 20031008
Budget Source: Removal	Amount: \$673
Action Name: Remedial Action	Financial ID: 0024
Financial Type: Deobligation	Date: 20031204
Budget Source: Remedial	Amount: \$15200
Action Name: Remedial Action	Financial ID: 0024
Financial Type: Extramural Outlay (Payment)	Date: 20031204
Budget Source: Remedial	Amount: \$15200
Action Name: Long Term Response Action	Financial ID: 0009
Financial Type: Deobligation	Date: 20031208
Budget Source: Remedial	Amount: \$1522
Action Name: Long Term Response Action	Financial ID: 0010
Financial Type: Deobligation	Date: 20031208
Budget Source: Remedial	Amount: \$3273
Action Name: Long Term Response Action	Financial ID: 0010
Financial Type: Extramural Outlay (Payment)	Date: 20031208
Budget Source: Remedial	Amount: \$3273
Action Name: Long Term Response Action	Financial ID: 0009
Financial Type: Extramural Outlay (Payment)	Date: 20031208
Budget Source: Remedial	Amount: \$1522
Action Name: Removal	Financial ID: 0069
Financial Type: Deobligation	Date: 20031209

Budget Source: Removal	Amount: \$1431
Action Name: Removal	Financial ID: 0068
Financial Type: Extramural Outlay (Payment)	Date: 20031209
Budget Source: Removal	Amount: \$1431
Action Name: Long Term Response Action	Financial ID: 0011
Financial Type: Deobligation	Date: 20031212
Budget Source: Remedial	Amount: \$30047
Action Name: Long Term Response Action	Financial ID: 0011
Financial Type: Extramural Outlay (Payment)	Date: 20031212
Budget Source: Remedial	Amount: \$30047
Action Name: Technical Assistance	Financial ID: 0001
Financial Type: Deobligation	Date: 20040112
Budget Source: Remedial	Amount: \$20394
Action Name: Technical Assistance	Financial ID: 0001
Financial Type: Extramural Outlay (Payment)	Date: 20040112
Budget Source: Remedial	Amount: \$20394
Action Name: Long Term Response Action	Financial ID: 0013
Financial Type: Deobligation	Date: 20040116
Budget Source: Remedial	Amount: \$1774
Action Name: Long Term Response Action	Financial ID: 0012
Financial Type: Deobligation	Date: 20040116
Budget Source: Remedial	Amount: \$31146
Action Name: Long Term Response Action	Financial ID: 0012
Financial Type: Extramural Outlay (Payment)	Date: 20040116
Budget Source: Remedial	Amount: \$31146
Action Name: Long Term Response Action	Financial ID: 0013
Financial Type: Extramural Outlay (Payment)	Date: 20040116
Budget Source: Remedial	Amount: \$1774
Action Name: Long Term Response Action	Financial ID: 0014
Financial Type: Deobligation	Date: 20040126
Budget Source: Remedial	Amount: \$1247
Action Name: Long Term Response Action	Financial ID: 0014
Financial Type: Extramural Outlay (Payment)	Date: 20040126
Budget Source: Remedial	Amount: \$1247
Action Name: Long Term Response Action	Financial ID: 0015

Financial Type: Deobligation Budget Source: Remedial	Date: 20040205 Amount: \$31529
Action Name: Long Term Response Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0015 Date: 20040205 Amount: \$31529
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0016 Date: 20040226 Amount: \$17278
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0017 Date: 20040226 Amount: \$20629
Action Name: Long Term Response Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0016 Date: 20040226 Amount: \$17278
Action Name: Long Term Response Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0017 Date: 20040226 Amount: \$20629
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0018 Date: 20040310 Amount: \$1749
Action Name: Long Term Response Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0018 Date: 20040310 Amount: \$1749
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0019 Date: 20040315 Amount: \$28737
Action Name: Long Term Response Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0019 Date: 20040315 Amount: \$28737
Action Name: Technical Assistance Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0002 Date: 20040324 Amount: \$18638
Action Name: Technical Assistance Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0002 Date: 20040324 Amount: \$18638

Action Name: Technical Assistance	Financial ID: 0003
Financial Type: Deobligation	Date: 20040405
Budget Source: Remedial	Amount: \$34769
Action Name: Technical Assistance	Financial ID: 0003
Financial Type: Extramural Outlay (Payment)	Date: 20040405
Budget Source: Remedial	Amount: \$34769
Action Name: Long Term Response Action	Financial ID: 0021
Financial Type: Deobligation	Date: 20040427
Budget Source: Remedial	Amount: \$2756
Action Name: Long Term Response Action	Financial ID: 0020
Financial Type: Deobligation	Date: 20040427
Budget Source: Remedial	Amount: \$1015
Action Name: Long Term Response Action	Financial ID: 0021
Financial Type: Extramural Outlay (Payment)	Date: 20040427
Budget Source: Remedial	Amount: \$2756
Action Name: Long Term Response Action	Financial ID: 0020
Financial Type: Extramural Outlay (Payment)	Date: 20040427
Budget Source: Remedial	Amount: \$1015
Action Name: Long Term Response Action	Financial ID: 0022
Financial Type: Deobligation	Date: 20040428
Budget Source: Remedial	Amount: \$51169
Action Name: Long Term Response Action	Financial ID: 0022
Financial Type: Extramural Outlay (Payment)	Date: 20040428
Budget Source: Remedial	Amount: \$51169
Action Name: Technical Assistance	Financial ID: 0004
Financial Type: Deobligation	Date: 20040503
Budget Source: Remedial	Amount: \$15017
Action Name: Technical Assistance	Financial ID: 0004
Financial Type: Extramural Outlay (Payment)	Date: 20040503
Budget Source: Remedial	Amount: \$15017
Action Name: Long Term Response Action	Financial ID: 0024
Financial Type: Deobligation	Date: 20040601
Budget Source: Remedial	Amount: \$1576
Action Name: Long Term Response Action	Financial ID: 0024
Financial Type: Extramural Outlay (Payment)	Date: 20040601
Budget Source: Remedial	Amount: \$1576

Action Name: Technical Assistance	Financial ID: 0005
Financial Type: Deobligation	Date: 20040602
Budget Source: Remedial	Amount: \$6331
Action Name: Technical Assistance	Financial ID: 0005
Financial Type: Extramural Outlay (Payment)	Date: 20040602
Budget Source: Remedial	Amount: \$6331
Action Name: Long Term Response Action	Financial ID: 0023
Financial Type: Deobligation	Date: 20040608
Budget Source: Remedial	Amount: \$45834
Action Name: Long Term Response Action	Financial ID: 0023
Financial Type: Extramural Outlay (Payment)	Date: 20040608
Budget Source: Remedial	Amount: \$45834
Action Name: Removal	Financial ID: 0011
Financial Type: Actual Obligation	Date: 20040614
Budget Source: Removal	Amount: \$655
Action Name: Removal	Financial ID: 0070
Financial Type: Deobligation	Date: 20040614
Budget Source: Removal	Amount: \$655
Action Name: Removal	Financial ID: 0069
Financial Type: Extramural Outlay (Payment)	Date: 20040614
Budget Source: Removal	Amount: \$655
Action Name: Long Term Response Action	Financial ID: 0025
Financial Type: Deobligation	Date: 20040622
Budget Source: Remedial	Amount: \$932
Action Name: Long Term Response Action	Financial ID: 0025
Financial Type: Extramural Outlay (Payment)	Date: 20040622
Budget Source: Remedial	Amount: \$932
Action Name: Long Term Response Action	Financial ID: 0026
Financial Type: Deobligation	Date: 20040701
Budget Source: Remedial	Amount: \$46486
Action Name: Long Term Response Action	Financial ID: 0026
Financial Type: Extramural Outlay (Payment)	Date: 20040701
Budget Source: Remedial	Amount: \$46486
Action Name: Removal	Financial ID: 0012
Financial Type: Actual Obligation	Date: 20040706

Budget Source: Removal	Amount: \$39
Action Name: Removal	Financial ID: 0071
Financial Type: Deobligation	Date: 20040706
Budget Source: Removal	Amount: \$39
Action Name: Removal	Financial ID: 0070
Financial Type: Extramural Outlay (Payment)	Date: 20040706
Budget Source: Removal	Amount: \$39
Action Name: Technical Assistance	Financial ID: 0006
Financial Type: Deobligation	Date: 20040714
Budget Source: Remedial	Amount: \$3987
Action Name: Technical Assistance	Financial ID: 0006
Financial Type: Extramural Outlay (Payment)	Date: 20040714
Budget Source: Remedial	Amount: \$3987
Action Name: Long Term Response Action	Financial ID: 0004
Financial Type: Commitment	Date: 20040727
Budget Source: Remedial	Amount: \$300000
Action Name: Long Term Response Action	Financial ID: 0005
Financial Type: Commitment	Date: 20040727
Budget Source: Remedial	Amount: \$45000
Action Name: Removal	Financial ID: 0072
Financial Type: Deobligation	Date: 20040813
Budget Source: Removal	Amount: \$918
Action Name: Removal	Financial ID: 0071
Financial Type: Extramural Outlay (Payment)	Date: 20040813
Budget Source: Removal	Amount: \$918
Action Name: Long Term Response Action	Financial ID: 0027
Financial Type: Deobligation	Date: 20040818
Budget Source: Remedial	Amount: \$217
Action Name: Long Term Response Action	Financial ID: 0028
Financial Type: Deobligation	Date: 20040818
Budget Source: Remedial	Amount: \$2723
Action Name: Long Term Response Action	Financial ID: 0027
Financial Type: Extramural Outlay (Payment)	Date: 20040818
Budget Source: Remedial	Amount: \$217
Action Name: Long Term Response Action	Financial ID: 0028

Financial Type: Extramural Outlay (Payment)	Date:	20040818
Budget Source: Remedial	Amount:	\$2723
Action Name: Long Term Response Action	Financial ID:	0029
Financial Type: Deobligation	Date:	20040819
Budget Source: Remedial	Amount:	\$16438
Action Name: Long Term Response Action	Financial ID:	0030
Financial Type: Deobligation	Date:	20040819
Budget Source: Remedial	Amount:	\$30823
Action Name: Long Term Response Action	Financial ID:	0029
Financial Type: Extramural Outlay (Payment)	Date:	20040819
Budget Source: Remedial	Amount:	\$16438
Action Name: Long Term Response Action	Financial ID:	0030
Financial Type: Extramural Outlay (Payment)	Date:	20040819
Budget Source: Remedial	Amount:	\$30823
Action Name: Long Term Response Action	Financial ID:	0031
Financial Type: Deobligation	Date:	20040927
Budget Source: Remedial	Amount:	\$45385
Action Name: Long Term Response Action	Financial ID:	0031
Financial Type: Extramural Outlay (Payment)	Date:	20040927
Budget Source: Remedial	Amount:	\$45385
Action Name: Long Term Response Action	Financial ID:	0004
Financial Type: Decommitment	Date:	20040930
Budget Source: Remedial	Amount:	\$300000
Action Name: Long Term Response Action	Financial ID:	0005
Financial Type: Decommitment	Date:	20040930
Budget Source: Remedial	Amount:	\$45000
Action Name: Long Term Response Action	Financial ID:	0004
Financial Type: Actual Obligation	Date:	20040930
Budget Source: Remedial	Amount:	\$300000
Action Name: Long Term Response Action	Financial ID:	0005
Financial Type: Actual Obligation	Date:	20040930
Budget Source: Remedial	Amount:	\$45000
Action Name: Removal	Financial ID:	0073
Financial Type: Deobligation	Date:	20041004
Budget Source: Removal	Amount:	\$1326

Action Name: Removal	Financial ID: 0072
Financial Type: Extramural Outlay (Payment)	Date: 20041004
Budget Source: Removal	Amount: \$1326
Action Name: Removal	Financial ID: 0013
Financial Type: Actual Obligation	Date: 20041021
Budget Source: Removal	Amount: \$721
Action Name: Removal	Financial ID: 0074
Financial Type: Deobligation	Date: 20041021
Budget Source: Removal	Amount: \$721
Action Name: Removal	Financial ID: 0073
Financial Type: Extramural Outlay (Payment)	Date: 20041021
Budget Source: Removal	Amount: \$721
Action Name: Long Term Response Action	Financial ID: 0034
Financial Type: Deobligation	Date: 20041126
Budget Source: Remedial	Amount: \$3010
Action Name: Long Term Response Action	Financial ID: 0035
Financial Type: Deobligation	Date: 20041126
Budget Source: Remedial	Amount: \$3522
Action Name: Long Term Response Action	Financial ID: 0036
Financial Type: Deobligation	Date: 20041126
Budget Source: Remedial	Amount: \$1126
Action Name: Long Term Response Action	Financial ID: 0037
Financial Type: Deobligation	Date: 20041126
Budget Source: Remedial	Amount: \$796
Action Name: Long Term Response Action	Financial ID: 0038
Financial Type: Deobligation	Date: 20041126
Budget Source: Remedial	Amount: \$32546
Action Name: Long Term Response Action	Financial ID: 0034
Financial Type: Extramural Outlay (Payment)	Date: 20041126
Budget Source: Remedial	Amount: \$3010
Action Name: Long Term Response Action	Financial ID: 0035
Financial Type: Extramural Outlay (Payment)	Date: 20041126
Budget Source: Remedial	Amount: \$3522
Action Name: Long Term Response Action	Financial ID: 0036
Financial Type: Extramural Outlay (Payment)	Date: 20041126
Budget Source: Remedial	Amount: \$1126

Action Name: Long Term Response Action	Financial ID: 0037
Financial Type: Extramural Outlay (Payment)	Date: 20041126
Budget Source: Remedial	Amount: \$796
Action Name: Long Term Response Action	Financial ID: 0038
Financial Type: Extramural Outlay (Payment)	Date: 20041126
Budget Source: Remedial	Amount: \$32546
Action Name: Long Term Response Action	Financial ID: 0032
Financial Type: Deobligation	Date: 20041206
Budget Source: Remedial	Amount: \$51952
Action Name: Long Term Response Action	Financial ID: 0033
Financial Type: Deobligation	Date: 20041206
Budget Source: Remedial	Amount: \$22311
Action Name: Long Term Response Action	Financial ID: 0032
Financial Type: Extramural Outlay (Payment)	Date: 20041206
Budget Source: Remedial	Amount: \$51952
Action Name: Long Term Response Action	Financial ID: 0033
Financial Type: Extramural Outlay (Payment)	Date: 20041206
Budget Source: Remedial	Amount: \$22311
Action Name: Long Term Response Action	Financial ID: 0039
Financial Type: Deobligation	Date: 20050111
Budget Source: Remedial	Amount: \$67479
Action Name: Long Term Response Action	Financial ID: 0039
Financial Type: Extramural Outlay (Payment)	Date: 20050111
Budget Source: Remedial	Amount: \$67479
Action Name: Long Term Response Action	Financial ID: 0041
Financial Type: Deobligation	Date: 20050215
Budget Source: Remedial	Amount: \$32932
Action Name: Long Term Response Action	Financial ID: 0041
Financial Type: Extramural Outlay (Payment)	Date: 20050215
Budget Source: Remedial	Amount: \$32932
Action Name: Long Term Response Action	Financial ID: 0040
Financial Type: Deobligation	Date: 20050315
Budget Source: Remedial	Amount: \$5157
Action Name: Long Term Response Action	Financial ID: 0040
Financial Type: Extramural Outlay (Payment)	Date: 20050315

Budget Source: Remedial	Amount:	\$5157
Action Name: Long Term Response Action	Financial ID:	0042
Financial Type: Deobligation	Date:	20050406
Budget Source: Remedial	Amount:	\$17040
Action Name: Long Term Response Action	Financial ID:	0042
Financial Type: Extramural Outlay (Payment)	Date:	20050406
Budget Source: Remedial	Amount:	\$17040
Action Name: Long Term Response Action	Financial ID:	0006
Financial Type: Commitment	Date:	20050426
Budget Source: Remedial	Amount:	\$250000
Action Name: Long Term Response Action	Financial ID:	0007
Financial Type: Commitment	Date:	20050426
Budget Source: Remedial	Amount:	\$30000
Action Name: Long Term Response Action	Financial ID:	0043
Financial Type: Deobligation	Date:	20050520
Budget Source: Remedial	Amount:	\$49667
Action Name: Long Term Response Action	Financial ID:	0043
Financial Type: Extramural Outlay (Payment)	Date:	20050520
Budget Source: Remedial	Amount:	\$49667
Action Name: Removal	Financial ID:	0075
Financial Type: Deobligation	Date:	20050602
Budget Source: Removal	Amount:	\$2313
Action Name: Remedial Action	Financial ID:	0025
Financial Type: Deobligation	Date:	20050602
Budget Source: Remedial	Amount:	\$4527
Action Name: Technical Assistance	Financial ID:	0007
Financial Type: Deobligation	Date:	20050607
Budget Source: Remedial	Amount:	\$864
Action Name: Long Term Response Action	Financial ID:	0044
Financial Type: Deobligation	Date:	20050607
Budget Source: Remedial	Amount:	\$40895
Action Name: Long Term Response Action	Financial ID:	0044
Financial Type: Extramural Outlay (Payment)	Date:	20050607
Budget Source: Remedial	Amount:	\$40895
Action Name: Long Term Response Action	Financial ID:	0045

Financial Type: Deobligation Budget Source: Remedial	Date: 20050701 Amount: \$14519
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0046 Date: 20050701 Amount: \$14795
Action Name: Long Term Response Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0045 Date: 20050701 Amount: \$14519
Action Name: Long Term Response Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0046 Date: 20050701 Amount: \$14795
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0047 Date: 20050801 Amount: \$32631
Action Name: Long Term Response Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0047 Date: 20050801 Amount: \$32631
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0053 Date: 20050823 Amount: \$3523
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0049 Date: 20050823 Amount: \$61
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0050 Date: 20050823 Amount: \$2822
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0052 Date: 20050823 Amount: \$3790
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0048 Date: 20050823 Amount: \$3225
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0056 Date: 20050823 Amount: \$745

Action Name: Long Term Response Action	Financial ID: 0051
Financial Type: Deobligation	Date: 20050823
Budget Source: Remedial	Amount: \$2588
Action Name: Long Term Response Action	Financial ID: 0055
Financial Type: Deobligation	Date: 20050823
Budget Source: Remedial	Amount: \$1983
Action Name: Long Term Response Action	Financial ID: 0054
Financial Type: Deobligation	Date: 20050823
Budget Source: Remedial	Amount: \$6133
Action Name: Long Term Response Action	Financial ID: 0053
Financial Type: Extramural Outlay (Payment)	Date: 20050823
Budget Source: Remedial	Amount: \$3523
Action Name: Long Term Response Action	Financial ID: 0049
Financial Type: Extramural Outlay (Payment)	Date: 20050823
Budget Source: Remedial	Amount: \$61
Action Name: Long Term Response Action	Financial ID: 0050
Financial Type: Extramural Outlay (Payment)	Date: 20050823
Budget Source: Remedial	Amount: \$2822
Action Name: Long Term Response Action	Financial ID: 0052
Financial Type: Extramural Outlay (Payment)	Date: 20050823
Budget Source: Remedial	Amount: \$3790
Action Name: Long Term Response Action	Financial ID: 0056
Financial Type: Extramural Outlay (Payment)	Date: 20050823
Budget Source: Remedial	Amount: \$745
Action Name: Long Term Response Action	Financial ID: 0051
Financial Type: Extramural Outlay (Payment)	Date: 20050823
Budget Source: Remedial	Amount: \$2588
Action Name: Long Term Response Action	Financial ID: 0055
Financial Type: Extramural Outlay (Payment)	Date: 20050823
Budget Source: Remedial	Amount: \$1983
Action Name: Long Term Response Action	Financial ID: 0048
Financial Type: Extramural Outlay (Payment)	Date: 20050823
Budget Source: Remedial	Amount: \$3225
Action Name: Long Term Response Action	Financial ID: 0054
Financial Type: Extramural Outlay (Payment)	Date: 20050823
Budget Source: Remedial	Amount: \$6133

Action Name: Long Term Response Action	Financial ID: 0007
Financial Type: Decommitment	Date: 20050913
Budget Source: Remedial	Amount: \$30000
Action Name: Long Term Response Action	Financial ID: 0006
Financial Type: Decommitment	Date: 20050913
Budget Source: Remedial	Amount: \$250000
Action Name: Long Term Response Action	Financial ID: 0006
Financial Type: Actual Obligation	Date: 20050913
Budget Source: Remedial	Amount: \$250000
Action Name: Long Term Response Action	Financial ID: 0007
Financial Type: Actual Obligation	Date: 20050913
Budget Source: Remedial	Amount: \$30000
Action Name: Long Term Response Action	Financial ID: 0057
Financial Type: Deobligation	Date: 20050920
Budget Source: Remedial	Amount: \$7488
Action Name: Long Term Response Action	Financial ID: 0057
Financial Type: Extramural Outlay (Payment)	Date: 20050920
Budget Source: Remedial	Amount: \$7488
Action Name: Long Term Response Action	Financial ID: 0058
Financial Type: Deobligation	Date: 20051007
Budget Source: Remedial	Amount: \$42080
Action Name: Long Term Response Action	Financial ID: 0058
Financial Type: Extramural Outlay (Payment)	Date: 20051007
Budget Source: Remedial	Amount: \$42080
Action Name: Long Term Response Action	Financial ID: 0059
Financial Type: Deobligation	Date: 20051103
Budget Source: Remedial	Amount: \$35353
Action Name: Long Term Response Action	Financial ID: 0059
Financial Type: Extramural Outlay (Payment)	Date: 20051103
Budget Source: Remedial	Amount: \$35353
Action Name: Removal	Financial ID: 0014
Financial Type: Actual Obligation	Date: 20051115
Budget Source: Removal	Amount: \$224
Action Name: Removal	Financial ID: 0001
Financial Type: Extramural Deoutlay (Credit)	Date: 20051115

Budget Source: Removal	Amount: \$224
Action Name: Long Term Response Action	Financial ID: 0060
Financial Type: Deobligation	Date: 20051206
Budget Source: Remedial	Amount: \$6974
Action Name: Long Term Response Action	Financial ID: 0060
Financial Type: Extramural Outlay (Payment)	Date: 20051206
Budget Source: Remedial	Amount: \$6974
Action Name: Long Term Response Action	Financial ID: 0008
Financial Type: Commitment	Date: 20051220
Budget Source: Remedial	Amount: \$325000
Action Name: Long Term Response Action	Financial ID: 0061
Financial Type: Deobligation	Date: 20060110
Budget Source: Remedial	Amount: \$9119
Action Name: Long Term Response Action	Financial ID: 0061
Financial Type: Extramural Outlay (Payment)	Date: 20060110
Budget Source: Remedial	Amount: \$9119
Action Name: Long Term Response Action	Financial ID: 0062
Financial Type: Deobligation	Date: 20060127
Budget Source: Remedial	Amount: \$2070
Action Name: Long Term Response Action	Financial ID: 0063
Financial Type: Deobligation	Date: 20060127
Budget Source: Remedial	Amount: \$11553
Action Name: Long Term Response Action	Financial ID: 0065
Financial Type: Deobligation	Date: 20060127
Budget Source: Remedial	Amount: \$2148
Action Name: Long Term Response Action	Financial ID: 0066
Financial Type: Deobligation	Date: 20060127
Budget Source: Remedial	Amount: \$1090
Action Name: Long Term Response Action	Financial ID: 0064
Financial Type: Deobligation	Date: 20060127
Budget Source: Remedial	Amount: \$3483
Action Name: Long Term Response Action	Financial ID: 0064
Financial Type: Extramural Outlay (Payment)	Date: 20060127
Budget Source: Remedial	Amount: \$2070
Action Name: Long Term Response Action	Financial ID: 0062

Financial Type: Extramural Outlay (Payment)	Date:	20060127
Budget Source: Remedial	Amount:	\$11553
Action Name: Long Term Response Action	Financial ID:	0065
Financial Type: Extramural Outlay (Payment)	Date:	20060127
Budget Source: Remedial	Amount:	\$2148
Action Name: Long Term Response Action	Financial ID:	0066
Financial Type: Extramural Outlay (Payment)	Date:	20060127
Budget Source: Remedial	Amount:	\$1090
Action Name: Long Term Response Action	Financial ID:	0063
Financial Type: Extramural Outlay (Payment)	Date:	20060127
Budget Source: Remedial	Amount:	\$3483
Action Name: Long Term Response Action	Financial ID:	0067
Financial Type: Deobligation	Date:	20060207
Budget Source: Remedial	Amount:	\$4172
Action Name: Long Term Response Action	Financial ID:	0067
Financial Type: Extramural Outlay (Payment)	Date:	20060207
Budget Source: Remedial	Amount:	\$4172
Action Name: Technical Assistance Grant	Financial ID:	0002
Financial Type: Actual Obligation	Date:	20060217
Budget Source: Remedial	Amount:	\$11000
Action Name: Technical Assistance Grant	Financial ID:	0007
Financial Type: Extramural Outlay (Payment)	Date:	20060217
Budget Source: Remedial	Amount:	\$11000
Action Name: Technical Assistance Grant	Financial ID:	0001
Financial Type: Extramural Deoutlay (Credit)	Date:	20060217
Budget Source: Remedial	Amount:	\$11000
Action Name: Long Term Response Action	Financial ID:	0008
Financial Type: Decommitment	Date:	20060222
Budget Source: Remedial	Amount:	\$325000
Action Name: Long Term Response Action	Financial ID:	0008
Financial Type: Actual Obligation	Date:	20060222
Budget Source: Remedial	Amount:	\$325000
Action Name: Technical Assistance Grant	Financial ID:	0003
Financial Type: Actual Obligation	Date:	20060302
Budget Source: Remedial	Amount:	\$779

Action Name: Technical Assistance Grant	Financial ID: 0008
Financial Type: Extramural Outlay (Payment)	Date: 20060302
Budget Source: Remedial	Amount: \$779
Action Name: Technical Assistance Grant	Financial ID: 0002
Financial Type: Extramural Deoutlay (Credit)	Date: 20060302
Budget Source: Remedial	Amount: \$779
Action Name: Long Term Response Action	Financial ID: 0068
Financial Type: Deobligation	Date: 20060307
Budget Source: Remedial	Amount: \$33331
Action Name: Long Term Response Action	Financial ID: 0068
Financial Type: Extramural Outlay (Payment)	Date: 20060307
Budget Source: Remedial	Amount: \$33331
Action Name: Long Term Response Action	Financial ID: 0069
Financial Type: Deobligation	Date: 20060407
Budget Source: Remedial	Amount: \$2504
Action Name: Long Term Response Action	Financial ID: 0073
Financial Type: Deobligation	Date: 20060407
Budget Source: Remedial	Amount: \$2221
Action Name: Long Term Response Action	Financial ID: 0070
Financial Type: Deobligation	Date: 20060407
Budget Source: Remedial	Amount: \$1961
Action Name: Long Term Response Action	Financial ID: 0072
Financial Type: Deobligation	Date: 20060407
Budget Source: Remedial	Amount: \$2631
Action Name: Long Term Response Action	Financial ID: 0071
Financial Type: Deobligation	Date: 20060407
Budget Source: Remedial	Amount: \$631
Action Name: Long Term Response Action	Financial ID: 0072
Financial Type: Extramural Outlay (Payment)	Date: 20060407
Budget Source: Remedial	Amount: \$2221
Action Name: Long Term Response Action	Financial ID: 0073
Financial Type: Extramural Outlay (Payment)	Date: 20060407
Budget Source: Remedial	Amount: \$2504
Action Name: Long Term Response Action	Financial ID: 0069
Financial Type: Extramural Outlay (Payment)	Date: 20060407
Budget Source: Remedial	Amount: \$1961

Action Name: Long Term Response Action	Financial ID: 0071
Financial Type: Extramural Outlay (Payment)	Date: 20060407
Budget Source: Remedial	Amount: \$2631
Action Name: Long Term Response Action	Financial ID: 0070
Financial Type: Extramural Outlay (Payment)	Date: 20060407
Budget Source: Remedial	Amount: \$631
Action Name: Removal	Financial ID: 0076
Financial Type: Deobligation	Date: 20060411
Budget Source: Removal	Amount: \$224
Action Name: Long Term Response Action	Financial ID: 0074
Financial Type: Deobligation	Date: 20060418
Budget Source: Remedial	Amount: \$74682
Action Name: Long Term Response Action	Financial ID: 0074
Financial Type: Extramural Outlay (Payment)	Date: 20060418
Budget Source: Remedial	Amount: \$74682
Action Name: Long Term Response Action	Financial ID: 0075
Financial Type: Deobligation	Date: 20060509
Budget Source: Remedial	Amount: \$29087
Action Name: Long Term Response Action	Financial ID: 0075
Financial Type: Extramural Outlay (Payment)	Date: 20060509
Budget Source: Remedial	Amount: \$29087
Action Name: Long Term Response Action	Financial ID: 0076
Financial Type: Deobligation	Date: 20060608
Budget Source: Remedial	Amount: \$10289
Action Name: Long Term Response Action	Financial ID: 0077
Financial Type: Deobligation	Date: 20060608
Budget Source: Remedial	Amount: \$21453
Action Name: Long Term Response Action	Financial ID: 0076
Financial Type: Extramural Outlay (Payment)	Date: 20060608
Budget Source: Remedial	Amount: \$10289
Action Name: Long Term Response Action	Financial ID: 0077
Financial Type: Extramural Outlay (Payment)	Date: 20060608
Budget Source: Remedial	Amount: \$21453
Action Name: Long Term Response Action	Financial ID: 0078
Financial Type: Deobligation	Date: 20060711

Budget Source: Remedial	Amount: \$5909
Action Name: Long Term Response Action	Financial ID: 0078
Financial Type: Extramural Outlay (Payment)	Date: 20060711
Budget Source: Remedial	Amount: \$5909
Action Name: Technical Assistance Grant	Financial ID: 0007
Financial Type: Deobligation	Date: 20060725
Budget Source: Remedial	Amount: \$56
Action Name: Technical Assistance Grant	Financial ID: 0009
Financial Type: Extramural Outlay (Payment)	Date: 20060725
Budget Source: Remedial	Amount: \$56
Action Name: Long Term Response Action	Financial ID: 0079
Financial Type: Deobligation	Date: 20060803
Budget Source: Remedial	Amount: \$24354
Action Name: Long Term Response Action	Financial ID: 0079
Financial Type: Extramural Outlay (Payment)	Date: 20060803
Budget Source: Remedial	Amount: \$24354
Action Name: Technical Assistance Grant	Financial ID: 0008
Financial Type: Deobligation	Date: 20060808
Budget Source: Remedial	Amount: \$787
Action Name: Technical Assistance Grant	Financial ID: 0010
Financial Type: Extramural Outlay (Payment)	Date: 20060808
Budget Source: Remedial	Amount: \$787
Action Name: Long Term Response Action	Financial ID: 0080
Financial Type: Deobligation	Date: 20060921
Budget Source: Remedial	Amount: \$37831
Action Name: Long Term Response Action	Financial ID: 0080
Financial Type: Extramural Outlay (Payment)	Date: 20060921
Budget Source: Remedial	Amount: \$37831
Action Name: Technical Assistance Grant	Financial ID: 0009
Financial Type: Deobligation	Date: 20060925
Budget Source: Remedial	Amount: \$12991
Action Name: Technical Assistance Grant	Financial ID: 0010
Financial Type: Deobligation	Date: 20060926
Budget Source: Remedial	Amount: \$2945
Action Name: Technical Assistance Grant	Financial ID: 0011

Financial Type: Extramural Outlay (Payment)	Date:	20060926
Budget Source: Remedial	Amount:	\$2945
Action Name: Long Term Response Action	Financial ID:	0081
Financial Type: Deobligation	Date:	20061023
Budget Source: Remedial	Amount:	\$51925
Action Name: Long Term Response Action	Financial ID:	0081
Financial Type: Extramural Outlay (Payment)	Date:	20061023
Budget Source: Remedial	Amount:	\$51925
Action Name: Long Term Response Action	Financial ID:	0084
Financial Type: Deobligation	Date:	20061127
Budget Source: Remedial	Amount:	\$2034
Action Name: Long Term Response Action	Financial ID:	0087
Financial Type: Deobligation	Date:	20061127
Budget Source: Remedial	Amount:	\$2156
Action Name: Long Term Response Action	Financial ID:	0088
Financial Type: Deobligation	Date:	20061127
Budget Source: Remedial	Amount:	\$3317
Action Name: Long Term Response Action	Financial ID:	0082
Financial Type: Deobligation	Date:	20061127
Budget Source: Remedial	Amount:	\$4425
Action Name: Long Term Response Action	Financial ID:	0085
Financial Type: Deobligation	Date:	20061127
Budget Source: Remedial	Amount:	\$3187
Action Name: Long Term Response Action	Financial ID:	0086
Financial Type: Deobligation	Date:	20061127
Budget Source: Remedial	Amount:	\$1958
Action Name: Long Term Response Action	Financial ID:	0089
Financial Type: Deobligation	Date:	20061127
Budget Source: Remedial	Amount:	\$3697
Action Name: Long Term Response Action	Financial ID:	0083
Financial Type: Deobligation	Date:	20061127
Budget Source: Remedial	Amount:	\$2192
Action Name: Long Term Response Action	Financial ID:	0084
Financial Type: Extramural Outlay (Payment)	Date:	20061127
Budget Source: Remedial	Amount:	\$2034

Action Name: Long Term Response Action	Financial ID: 0087
Financial Type: Extramural Outlay (Payment)	Date: 20061127
Budget Source: Remedial	Amount: \$2156
Action Name: Long Term Response Action	Financial ID: 0088
Financial Type: Extramural Outlay (Payment)	Date: 20061127
Budget Source: Remedial	Amount: \$3317
Action Name: Long Term Response Action	Financial ID: 0082
Financial Type: Extramural Outlay (Payment)	Date: 20061127
Budget Source: Remedial	Amount: \$4425
Action Name: Long Term Response Action	Financial ID: 0085
Financial Type: Extramural Outlay (Payment)	Date: 20061127
Budget Source: Remedial	Amount: \$3187
Action Name: Long Term Response Action	Financial ID: 0086
Financial Type: Extramural Outlay (Payment)	Date: 20061127
Budget Source: Remedial	Amount: \$1958
Action Name: Long Term Response Action	Financial ID: 0089
Financial Type: Extramural Outlay (Payment)	Date: 20061127
Budget Source: Remedial	Amount: \$3697
Action Name: Long Term Response Action	Financial ID: 0083
Financial Type: Extramural Outlay (Payment)	Date: 20061127
Budget Source: Remedial	Amount: \$2192
Action Name: Long Term Response Action	Financial ID: 0090
Financial Type: Deobligation	Date: 20061227
Budget Source: Remedial	Amount: \$4920
Action Name: Long Term Response Action	Financial ID: 0091
Financial Type: Deobligation	Date: 20061227
Budget Source: Remedial	Amount: \$1140
Action Name: Long Term Response Action	Financial ID: 0090
Financial Type: Extramural Outlay (Payment)	Date: 20061227
Budget Source: Remedial	Amount: \$4920
Action Name: Long Term Response Action	Financial ID: 0091
Financial Type: Extramural Outlay (Payment)	Date: 20061227
Budget Source: Remedial	Amount: \$1140
Action Name: Long Term Response Action	Financial ID: 0092
Financial Type: Deobligation	Date: 20070103
Budget Source: Remedial	Amount: \$21428

Action Name: Long Term Response Action	Financial ID: 0092
Financial Type: Extramural Outlay (Payment)	Date: 20070103
Budget Source: Remedial	Amount: \$21428
Action Name: Long Term Response Action	Financial ID: 0093
Financial Type: Deobligation	Date: 20070110
Budget Source: Remedial	Amount: \$3835
Action Name: Long Term Response Action	Financial ID: 0093
Financial Type: Extramural Outlay (Payment)	Date: 20070110
Budget Source: Remedial	Amount: \$3835
Action Name: Long Term Response Action	Financial ID: 0094
Financial Type: Deobligation	Date: 20070202
Budget Source: Remedial	Amount: \$29827
Action Name: Long Term Response Action	Financial ID: 0094
Financial Type: Extramural Outlay (Payment)	Date: 20070202
Budget Source: Remedial	Amount: \$29827
Action Name: Long Term Response Action	Financial ID: 0096
Financial Type: Deobligation	Date: 20070205
Budget Source: Remedial	Amount: \$5210
Action Name: Long Term Response Action	Financial ID: 0095
Financial Type: Deobligation	Date: 20070205
Budget Source: Remedial	Amount: \$1461
Action Name: Long Term Response Action	Financial ID: 0096
Financial Type: Extramural Outlay (Payment)	Date: 20070205
Budget Source: Remedial	Amount: \$5210
Action Name: Long Term Response Action	Financial ID: 0095
Financial Type: Extramural Outlay (Payment)	Date: 20070205
Budget Source: Remedial	Amount: \$1461
Action Name: Long Term Response Action	Financial ID: 0097
Financial Type: Deobligation	Date: 20070221
Budget Source: Remedial	Amount: \$4336
Action Name: Long Term Response Action	Financial ID: 0097
Financial Type: Extramural Outlay (Payment)	Date: 20070221
Budget Source: Remedial	Amount: \$4336
Action Name: Long Term Response Action	Financial ID: 0098
Financial Type: Deobligation	Date: 20070308

Budget Source: Remedial	Amount: \$3438
Action Name: Long Term Response Action	Financial ID: 0099
Financial Type: Deobligation	Date: 20070308
Budget Source: Remedial	Amount: \$23925
Action Name: Long Term Response Action	Financial ID: 0098
Financial Type: Extramural Outlay (Payment)	Date: 20070308
Budget Source: Remedial	Amount: \$3438
Action Name: Long Term Response Action	Financial ID: 0099
Financial Type: Extramural Outlay (Payment)	Date: 20070308
Budget Source: Remedial	Amount: \$23925
Action Name: Long Term Response Action	Financial ID: 0100
Financial Type: Deobligation	Date: 20070321
Budget Source: Remedial	Amount: \$4505
Action Name: Long Term Response Action	Financial ID: 0100
Financial Type: Extramural Outlay (Payment)	Date: 20070321
Budget Source: Remedial	Amount: \$4505
Action Name: Long Term Response Action	Financial ID: 0009
Financial Type: Commitment	Date: 20070413
Budget Source: Remedial	Amount: \$100000
Action Name: Long Term Response Action	Financial ID: 0010
Financial Type: Commitment	Date: 20070419
Budget Source: Remedial	Amount: \$200000
Action Name: Long Term Response Action	Financial ID: 0101
Financial Type: Deobligation	Date: 20070507
Budget Source: Remedial	Amount: \$1570
Action Name: Long Term Response Action	Financial ID: 0102
Financial Type: Deobligation	Date: 20070507
Budget Source: Remedial	Amount: \$22620
Action Name: Long Term Response Action	Financial ID: 0101
Financial Type: Extramural Outlay (Payment)	Date: 20070507
Budget Source: Remedial	Amount: \$1570
Action Name: Long Term Response Action	Financial ID: 0102
Financial Type: Extramural Outlay (Payment)	Date: 20070507
Budget Source: Remedial	Amount: \$22620
Action Name: Long Term Response Action	Financial ID: 0103

Financial Type: Deobligation Budget Source: Remedial	Date: 20070530 Amount: \$77615
Action Name: Long Term Response Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0103 Date: 20070530 Amount: \$77615
Action Name: Long Term Response Action Financial Type: Decommitment Budget Source: Remedial	Financial ID: 0009 Date: 20070604 Amount: \$100000
Action Name: Long Term Response Action Financial Type: Actual Obligation Budget Source: Remedial	Financial ID: 0009 Date: 20070604 Amount: \$100000
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0104 Date: 20070629 Amount: \$27947
Action Name: Long Term Response Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0104 Date: 20070629 Amount: \$27947
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0105 Date: 20070813 Amount: \$29123
Action Name: Long Term Response Action Financial Type: Extramural Outlay (Payment) Budget Source: Remedial	Financial ID: 0105 Date: 20070813 Amount: \$29123
Action Name: Long Term Response Action Financial Type: Commitment Budget Source: Remedial	Financial ID: 0011 Date: 20070816 Amount: \$200000
Action Name: Long Term Response Action Financial Type: Decommitment Budget Source: Remedial	Financial ID: 0010 Date: 20070816 Amount: \$200000
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0106 Date: 20070828 Amount: \$4858
Action Name: Long Term Response Action Financial Type: Deobligation Budget Source: Remedial	Financial ID: 0107 Date: 20070828 Amount: \$3481

Action Name: Long Term Response Action	Financial ID: 0108
Financial Type: Deobligation	Date: 20070828
Budget Source: Remedial	Amount: \$4127
Action Name: Long Term Response Action	Financial ID: 0106
Financial Type: Extramural Outlay (Payment)	Date: 20070828
Budget Source: Remedial	Amount: \$4858
Action Name: Long Term Response Action	Financial ID: 0107
Financial Type: Extramural Outlay (Payment)	Date: 20070828
Budget Source: Remedial	Amount: \$3481
Action Name: Long Term Response Action	Financial ID: 0108
Financial Type: Extramural Outlay (Payment)	Date: 20070828
Budget Source: Remedial	Amount: \$4127
Action Name: Long Term Response Action	Financial ID: 0011
Financial Type: Decommitment	Date: 20070829
Budget Source: Remedial	Amount: \$200000
Action Name: Long Term Response Action	Financial ID: 0010
Financial Type: Actual Obligation	Date: 20070829
Budget Source: Remedial	Amount: \$200000
Action Name: Long Term Response Action	Financial ID: 0109
Financial Type: Deobligation	Date: 20070907
Budget Source: Remedial	Amount: \$17358
Action Name: Long Term Response Action	Financial ID: 0109
Financial Type: Extramural Outlay (Payment)	Date: 20070907
Budget Source: Remedial	Amount: \$17358
Action Name: Long Term Response Action	Financial ID: 0110
Financial Type: Deobligation	Date: 20070919
Budget Source: Remedial	Amount: \$1061
Action Name: Long Term Response Action	Financial ID: 0110
Financial Type: Extramural Outlay (Payment)	Date: 20070919
Budget Source: Remedial	Amount: \$1061
Action Name: Long Term Response Action	Financial ID: 0113
Financial Type: Deobligation	Date: 20071218
Budget Source: Remedial	Amount: \$883
Action Name: Long Term Response Action	Financial ID: 0111
Financial Type: Deobligation	Date: 20071218
Budget Source: Remedial	Amount: \$5101

Action Name: Long Term Response Action	Financial ID: 0112
Financial Type: Deobligation	Date: 20071218
Budget Source: Remedial	Amount: \$4265
Action Name: Long Term Response Action	Financial ID: 0113
Financial Type: Extramural Outlay (Payment)	Date: 20071218
Budget Source: Remedial	Amount: \$883
Action Name: Long Term Response Action	Financial ID: 0111
Financial Type: Extramural Outlay (Payment)	Date: 20071218
Budget Source: Remedial	Amount: \$5101
Action Name: Long Term Response Action	Financial ID: 0112
Financial Type: Extramural Outlay (Payment)	Date: 20071218
Budget Source: Remedial	Amount: \$4265

Stanton Cleaners Area Groundwater Contamination
 New York
 EPA ID#: NYD047650197
 EPA REGION 2
 Congressional District(s): 05
 Nassau County - Town of Great Neck

NPL LISTING HISTORY
 Proposed Date: 1/19/1999
 Final Date: 5/6/1999

Site Description
 The Stanton Cleaners Area Groundwater Contamination site (Site) includes an active dry-cleaning business, located at 110 Cutter Mill Road in the Town of North Hempstead, Nassau County. The Stanton Cleaners Property (SCP) is approximately 1/4-acre in size and includes a one-story building in which the dry-cleaning business operates and an adjacent one-story boiler/storage building. At the present time, the Site also includes a two-story operations building in which the Environmental Protection Agency houses its ongoing soil and groundwater treatment operations. Most of the SCP has been paved with asphalt except for a narrow strip at the rear of the property. Adjoining properties include an indoor tennis facility (which has been demolished), a synagogue and Hebrew school, a condominium and a service station. The surrounding community is zoned commercial/residential and is serviced by public sewer and water. The public water is supplied by the Water Authority of Great Neck North (WAGNN). Three public water supply wells are located approximately 1000 feet downgradient of the SCP.

As a result of past disposal practices, tetrachloroethene or PCE, a volatile organic compound (VOC), migrated from the subsurface soils into the indoor air environments of the above-referenced affected buildings adjacent to the SCP and into the groundwater beneath the Site. Levels of PCE, a solvent commonly used by dry cleaners, have been found above Federal and State drinking water standards in the WAGNN public water supply wells.

Site Responsibility: This site is being addressed through Federal and State actions

Threat and Contaminants

Improper handling and disposal of spent dry cleaning solvents at the SCP resulted in the release of hazardous wastes, including PCE, at the Site. Some of this material migrated through the Site soils to nearby buildings and the groundwater, resulting in a significant threat to public health. The Removal Action, discussed below, has addressed the soil gas/indoor air threat posed to those occupying nearby buildings. The WAGNN public water supply wells have added treatment systems and are routinely monitored to ensure that the drinking water supply is in compliance with Federal and State drinking water standards.

Cleanup Approach

The Site is being addressed in two steps: 1) immediate actions and 2) a long-term remedial phase, focusing on the cleanup of contaminated soils, indoor air and groundwater for the entire Site.

Response Action Status

Immediate Action: Under its removal authority, EPA funded and installed a soil vapor extraction (SVE) system on the SCP to remediate the VOC-contaminated soils, thus reducing the indoor air contamination in the adjacent affected buildings to safe levels. The VOC-contaminated vapors are being treated by a granular activated carbon (GAC) system. The SVE system continues to operate until further soil sampling indicates that soil cleanup objectives have been achieved.

Entire Site: In March 1999, EPA issued a Record of Decision identifying a selected remedy for Operable Unit One which included 1) an upgrade of the existing groundwater air stripper on the SCP, 2) construction of a groundwater extraction and treatment system for the Site, 3) continued operation of the SVE system, 4) indoor air monitoring of the affected buildings adjacent to the SCP, 5) long term groundwater monitoring and 6) groundwater use restrictions. The ROD also called for an investigation of other potential sources of groundwater contamination in the Site area.

The new groundwater extraction and treatment system is currently operational and functional. The Site was deemed construction complete on December 11, 2003.

The Site is currently in the long term response action phase of the project, also known as the operations and maintenance phase.

Site Facts: In 1983, approximately 20 cubic yards of PCE-contaminated soil was removed from behind the Stanton Cleaners property.

In 1989, prior to EPA's involvement, a groundwater extraction and treatment system was installed to address groundwater contamination which resulted from improper disposal of spent PCE behind the SCP building. This system never worked properly and is currently abandoned.

In 1998, the New York State Department of Environmental Protection (NYSDEC) funded the construction of a new air stripper treatment system for the WAGNN water supply wells which are impacted by Site. This new treatment system is currently in operation.

In September 1998, under its removal authority, EPA installed a soil vapor interceptor system to mitigate impacts from

PCE vapors to the tennis club.

Cleanup Progress

An SVE system is directly addressing surface and subsurface soil contamination. Within the contaminated soils, a series of SVE wells have been installed where significant concentrations of PCE have been detected. Soil vapors containing VOCs are being extracted from the soils by an above ground vacuum system. The contaminated vapors are being treated by a GAC system. A low permeability cover has been placed over the affected soils to enhance the system's efficiency by controlling short-circuiting with atmospheric air.

Concentrations of PCE in indoor air have been dramatically reduced. Through the implementation of this soil remediation technology, the problems associated with indoor air quality in adjacent buildings have been addressed. In addition, the SVE system is reducing the mass of contaminants in the soils, thereby reducing the cross media impacts to groundwater. The performance of the SVE system is being monitored using soil vapor probes. To date, the SVE system has removed more than 16,000 pounds of PCE from the Site soils.

In January 2002, EPA also removed some underground storage tanks on the SCP. This excavated area has been configured into the SVE system for PCE removal.

As part of the selected remedy, an operations building houses the SVE system and the groundwater pump and treat system. The pump and treat system is currently operating and has treated over 132 millions gallons of contaminated groundwater. The contaminated water is pumped through an air stripper and carbon filtering system. The clean water is discharged to the storm sewer. Ongoing discharge sampling and monitoring well sampling continue as part of the long-term response action. The most recent data shows that PCE contamination levels have been dramatically reduced, since the operations began.

As part of the March 1999 ROD, EPA, in conjunction with NYSDEC, investigated other potential off-site sources of VOC groundwater contamination. These potential sources are directly related to sites that NYSDEC is investigating in the area of the SCP. In 2003, EPA prepared an OU-2 Investigation Summary Report which evaluated potential off-Site sources. In September 2003, EPA issued an Explanation of Significant Differences to the March 1999 ROD for the Site, indicating that no further Federal response actions to address potential off-site sources of groundwater contamination were warranted. NYSDEC is currently managing the response at these off-site sources.

EPA will perform a five-year review in December 2008.

Site Repositories

Great Neck Library 159 Bayview Avenue @ Gristmill Lane Great Neck, New York 11014

Telephone: 516-466-8055 Hours: Mon-Tues; Thurs-Fri: 9 AM -9 PM Wed:10 AM -9 PM Sat: 9 AM -6 PM Sun: 1 PM -5 PM (closed June 18th -mid-Sept)

September 19, 2006