

FINAL

QUARTERLY PROGRESS REPORT

February 1, 2006 – April 30, 2006

(28TH QUARTER)



Camp Stanley Storage Activity

Boerne, Texas

EPA ID No. TX2210020739

May 2006

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ACRONYMS AND ABBREVIATIONS

1,1-DCE	1,1-dichloroethene
AFCEE	Air Force Center for Environmental Excellence
AOC	area of concern
APPL	Agriculture & Priority Pollutants Laboratories, Inc.
<i>cis</i> -1,2-DCE	<i>cis</i> -1,2-dichloroethene
CMI	corrective measure implementation
CMS	corrective measure study
CRP	community relations plan
CSSA	Camp Stanley Storage Activity
CY	cubic yard
DQO	data quality objective
EAB	Enhanced anaerobic bioreactor
GAC	granular activated carbon
HSP	health and safety plan
I/SM	interim/stabilization measures
LTMO	long-term monitoring optimization
NEPA	National Environmental Policy Act
NFA	No Further Action
O&M	operations and maintenance
Order	Administrative Order on Consent issued May 5, 1999
PCE	tetrachloroethene
QAPP	Quality Assurance Program Plan
RFI	RCRA facility investigation
RRS1	Risk Reduction Standard 1
SVE	soil vapor extraction
SWMU	solid waste management unit
TCE	trichloroethene
TCEQ	Texas Commission on Environmental Quality
TCLP	toxicity characteristic leaching procedure
TIM	technical progress meeting
TO	task order
TPDES	Texas Pollution Discharge Elimination System
<i>trans</i> -1,2-DCE	<i>trans</i> -1,2-dichloroethene
TRRP	Texas Risk Reduction Program

UIC	underground injection control
USC	United States Code
USEPA	United States Environmental Protection Agency
UXO	unexploded ordnance
VOC	volatile organic compound
WMP	waste management plan
WP	work plan

QUARTERLY PROGRESS REPORT FEBRUARY 1, 2006 - APRIL 20, 2006 (28TH QUARTER)

INTRODUCTION

This 28th Quarterly Progress Report for Camp Stanley Storage Activity (CSSA), Texas, U.S. Environmental Protection Agency (USEPA) Identification Number TX2210020739, is submitted in accordance with the Administrative Order on Consent (Order) issued to CSSA on May 5, 1999, pursuant to §3008(h) of the Safe Drinking Water Act, as amended by Resource Conservation and Recovery Act (RCRA), and further amended by the Hazardous and Solid Waste Act of 1984, 42 United States Code (USC) §6928(h). This report addresses the project progress from February 1, 2006 through April 30, 2006 (Quarter 28). Subsequent progress reports will continue to be submitted on a quarterly basis.

This report details work completed on tasks associated with the four project phases outlined in the Order. Phase names and task names listed in Table 1 are taken directly from the Order. Information for each active task requested in the Order is provided in this report. No current information is provided for tasks that are not active; however, a summary of the tasks, subtasks, and their status has been presented in previous quarterly reports. Details of the evaluation of the percent complete by awarded projects are included in Table 2. An updated project team chart along with telephone numbers and addresses are included in Table 3.

Attachment 1 shows the locations of groundwater wells referenced in this report. A summary of the status of all identified Solid Waste Management Units (SWMU) and Areas of Concern (AOC) at CSSA is provided in **Attachment 2**. **Attachment 3** is a summary of the physical percent complete of each order-related task being conducted at CSSA. **Attachment 4** includes preliminary results for the March 2006 groundwater sampling event. **Attachment 5** includes preliminary results for the Westbay[®] wells installed at SWMU B-3, and **Attachment 6** includes the preliminary Soil Vapor Extraction (SVE) sampling results from the AOC-65 SVE system.

Table 1 §3008(h) Administrative Order on Consent Project Phases

3008(h) Order Phase and Subtasks	Phase Purpose	Phase's % of Overall Order	Subtask's % of Phase	Physical % Complete of Subtask	Subtask portion of Phase % Complete	Physical % Complete of Phase	Active During Q28?
Interim Measures		30%				87.7%	
Interim Measures Work Plan	Mitigate a current or potential threat to human health and/or the environment.		7%	100%	7.0%		No
Interim Measures Implementation			70%	85%	57.9%		No
Reports			23%	96%	22.7%		No
RCRA Facility Investigation		30%				58.5%	
Preliminary Report	Characterize the environmental setting of CSSA, define the sources of contamination, define the degree and extent of contamination, identify actual or potential receptors, and assess whether any additional I/SM may be warranted.		5%	100%	5%		No
RFI Work Plan			10%	92%	9%		Yes
Facility Investigation			40%	69%	28%		Yes
Risk Assessment			10%	99%	2%		No
Investigation Analysis			10%	84%	8%		No
Groundwater Investigation			15%	73%	0%		Yes
Treatability Studies			10%	45%	4%		Yes
Progress Reports			5%	23%	1%		Yes
Corrective Measures Study		10%				0%	
Identify and Develop Alternatives	Identification, screening, and development of alternatives for removal, containment, treatment, and/or other remediation of the contamination.		15%	0%	0%		No
Evaluate Alternatives			60%	0%	0%		No
Reports			25%	0%	0%		No
Corrective Measures Implementation		30%				0%	
Implementation Program Plan	Design, construct, operate, maintain, and monitor the performance of corrective measure(s) selected to protect human health and the environment.		5%	0%	0%		No
Corrective Measure Design			15%	0%	0%		No
Corrective Measure Construction			70%	0%	0%		No
Reports			10%	0%	0%		No
% of All Phases Complete						43.84%	

RCRA FACILITY INVESTIGATION

The RFI is being conducted to characterize the environmental setting of CSSA, define the sources of contamination, define the degree and extent of contamination, identify actual or potential receptors, and assess whether any additional I/SMs may be warranted. The discussions below include only the tasks related to preparation of the RFI WP, Facility Investigations, and Treatability Studies. Discussion of other RFI subtasks will be included in future quarterly reports if changes or additions to previously reported activities occur. The majority of current ongoing environmental activities at CSSA are part of the RFI task. Work on each of these tasks is described in the following paragraphs. The main areas of work during this Quarter included:

- Groundwater monitoring of on- and off-post wells;
- Groundwater monitoring of Westbay wells;
- Verification and validation of analytical data;
- Preparation to investigate SWMUs and AOCs under the TRRP;
- SVE system operation and expansion;
- Initiation of SWMU B-3 removal action;
- Initiation of bioreactor/recirculation construction; and
- Initiation of treatability studies at SWMU B-3.

RFI Work Plan

The Order requires that the RFI WP task include a Project Management Plan, Data Collection Quality Assurance Plan, Health and Safety Plan (HSP), and a Community Relations Plan (CRP). As previously agreed by USEPA, because the CSSA Environmental Encyclopedia includes all information required by the Order, it will be used to fulfill this requirement. Completion of this task is funded for the planned RFI tasks. The RFI WP task makes up approximately 10 percent of the RFI phase. Estimation of percent complete is difficult due to the continuing need for plan addenda as new projects are identified. As of the end of Quarter 28, WPs currently under scope are 92 percent complete. The CSSA Environmental Encyclopedia will continue to be updated as WPs for the new projects are finalized.

Community Relations Plan

An update to the December 2002 CRP is being prepared. As part of the update, approximately 70 community members were contacted to request an interview regarding CSSA's community relations program. This led to 16 interviews with community members. The CRP Update will include information on planned subdivisions being developed adjacent to CSSA and how they will be integrated into CSSA's future community relations activities.

Waste Management Plan

The Waste Management Plan (WMP) was also finalized to incorporate comments from Texas Commission on Environmental Quality (TCEQ) and included revised waste characterization

requirements for SWMU B-3 based on an unexploded ordnance (UXO) item that was encountered on April 5, 2006. The final revisions to the WMP were discussed at technical interchange meeting (TIM) #3 held under task order (TO) 0006. TCEQ and USEPA concurred with the waste characterization sampling frequency (one per 200 cubic yards) and analytical requirements (10% explosives sampling rate and toxicity characteristic leaching procedure [TCLP] method use) discussed at the meeting. Due to the UXO item found, the TO0006 HSP was also modified this Quarter.

Quality Assurance Project Plan

The CSSA Quality Assurance Project Plan (QAPP) is being revised to prepare for future investigations that will involve closure of sites under Texas Risk Reduction Program (TRRP) requirements. Other revisions to the QAPP include changes to the Texas Pollutant Discharge Elimination System (TPDES) permit and public water supply sampling and data quality objectives that have changed due to optimization findings.

Data Quality Objectives for Groundwater Monitoring

The groundwater monitoring data quality objectives (DQO) are being revised to incorporate the recommendations of the long term monitoring optimization approved by USEPA and TCEQ. CSSA is reviewing the revised DQOs.

Environmental Encyclopedia Updates

The CSSA website (www.stanley.army.mil) was updated with documents added to the Environmental Encyclopedia through the end of April 2006. The website includes CSSA's Administrative Record as required under the Order. The electronic encyclopedia and hard copy encyclopedia were updated with all final reports through April 2006. Updates made in Quarter 28 included the following:

- Quarter 28 USEPA Progress Report;
- September 2005 On-post Groundwater Monitoring Report;
- September 2005 Off-post Groundwater Monitoring Report;
- December 2005 Off-post Groundwater Monitoring Report;
- Well owner letters for December 2005;
- Various meeting minutes; and
- Various tables of contents, site chronologies, and indices.

Facility Investigations

An investigation of the facility is being conducted to:

- Characterize the environmental setting of the facility;
- Define the source(s) of contamination;
- Define the nature and extent of contamination; and
- Identify actual or potential receptors.

In some cases, multiple investigational phases may be necessary. Investigation results will be used to develop and evaluate alternatives during the CMS. All investigation activities are being conducted in accordance with the RFI WP discussed above in Task II.

Completion of the facility investigations for the planned RFI tasks is partially funded. **Attachment 2** indicates the sites for which investigations have been initiated with site status as well as sites that have been identified, but not yet investigated. The Facility Investigations subtask makes up approximately 40 percent of the RFI phase. As of the end of Quarter 28, this task is approximately 69 percent complete.

A total of 84 SWMUs, AOCs, and Range Management Units have been identified at CSSA, and investigations have been conducted at 64 of those sites. A summary of the status of each site, including whether the site is recommended for closure or if closure is approved, is provided in **Attachment 2**. To date, Risk Reduction Standard 1 (RRS1) closure of 35 CSSA sites has been approved by TCEQ, and eight sites were either delisted or granted No Further Action (NFA) status.

TCEQ has requested additional information for the SWMU B-29 closure report. SWMU B-29 closure is pending on submission and approval of the requested information.

Groundwater Investigation

There are a total of 45 wells at CSSA that are part of the groundwater monitoring program. Three are drinking water wells, three are former livestock wells, four are Westbay multi-port wells, and 35 are monitoring wells. Sampling frequencies for these on-post wells are determined by the long-term monitoring optimization (LTMO) study completed in May 2005, as approved by TCEQ. Based on the LTMO recommendations, on-post wells are sampled quarterly, semi-annually, or biennially. Off-post wells are not included in the LTMO recommendations and are sampled quarterly under the DQO. CSSA is currently updating the on-post DQOs to be consistent with the approved on-post LTMO sampling frequencies. A map of the well locations is provided in Attachment 1 of this report. The Groundwater Investigation subtask makes up approximately 15 percent of the RFI phase. As of the end of Quarter 28, this task is approximately 73 percent complete.

March 2006 Sampling

Quarterly groundwater monitoring of on-post, drinking water, and the Westbay wells conducted this quarter included wells CS-MW1-LGR, CS-MW2-LGR, CS-MW3-LGR, CS-MW6-LGR, CS-MW7-LGR, CS-MW9-LGR, CS-MW11A-LGR, CS-MW16-LGR, CS-MW16-CC, CS-MW19-LGR and CS-D as well as selected intervals of CS-WB01, CS-WB02, CS-WB03, and CS-WB04.

Off-post wells were sampled from March 20 – 23, 2006. Thirty-two private and public off-post drinking water wells were sampled (DOM-2, FO-8, HS-2, I10-2, I10-4, I10-7, JW-14, JW-15, JW-27, JW-28, JW-29, JW-30, JW-5, JW-7, JW-8, JW-9, LS-2, LS-3, LS-4, LS-5, LS-6, LS-7, OFR-1, OFR-2, OFR-3, RFR-10, RFR-11, RFR-12, RFR-13, RFR-14, RFR-4 and RFR-5). The locations of these wells are shown in **Attachment 1**. All samples were collected from ports located near the wellhead. Samples were analyzed by Agriculture & Priority Pollutants Laboratories, Inc. (APPL) for the USEPA-approved short list of volatile organic compounds (VOC) from the project DQOs. The VOC short list includes 1,1-dichloroethene (1,1-DCE), bromodichloromethane, bromoform, chloroform, *cis*-1,2-dichloroethene (*cis*-1,2-DCE), dibromochloromethane, dichlorodifluoromethane, methylene chloride, naphthalene, tetrachloroethene (PCE), trichloroethene (TCE), toluene, *trans*-1,2-dichloroethene (*trans*-1,2-DCE), and vinyl chloride. The lab submitted preliminary data for these samples on April 7, 2006. Data validation and verification for these samples were initiated and Parsons' chemists submitted these data packages to the Air Force Center for Environmental Excellence (AFCEE) and Portage Environmental during this Quarter.

Two 72-hour pumping tests were conducted in December 2005. One was performed on CS-MW16-CC on December 7, 2005, and the second on CS-MW16-LGR was conducted the following week. Both pumping tests were completed by December 16, 2005. A pumping test report will be submitted in Quarter 29.

The Final Off- and On-post Quarterly Groundwater Monitoring Reports for September and December 2005 were submitted to TCEQ in April 2006. Results for the on-post March sampling will be formally reported in the draft March 2006 Quarterly Groundwater Monitoring Reports to be submitted to CSSA and AFCEE for review and comments during Quarter 29. Future reports to be submitted for groundwater monitoring will include a brief summary of each quarterly event for March, June and September. After the December sampling event an annual report will be submitted evaluating the entire calendar year of groundwater data.

Off-Post GAC Systems

Based on sampling results received in 2001 and 2002 indicating VOC levels above or approaching the maximum contaminant level, granular activated carbon (GAC) filtration systems were installed at seven off-post wells. In accordance with the CSSA Off-Post Monitoring Program Response Plan dated June 2002, the off-post GAC wellhead treatment systems are maintained by CSSA. Monthly operations and maintenance (O&M) activities for the off-post residential GAC treatment systems were performed this Quarter. Work included inspection and replacement, as needed, of the pre- and post-GAC filters at wells LS-6, LS-7, RFR-10, RFR-11, and OFR-3. Confirmation samples from systems installed at wells LS-2 and LS-3, RFR-11, LS-

6, LS-7, OFR-3, and RFR-10 were collected in March 2006. All results for the post-GAC water samples were non-detect.

On-Post GAC Systems

CSSA operated and maintained the on-post GAC units (Outfalls 002 and 004) this Quarter. A Discharge Monitoring Report is submitted each month to comply with Texas Pollution Discharge Elimination System (TPDES) permit requirements. The GAC system was not operating in February 2006. In March 2006, approximately 113,000 gallons of water containing VOCs were treated by GAC and discharged from Outfall 002. The system at Outfall 004 has not been operated this Quarter. The water treated in March 2006 consisted of water pumped from CS-MW16-LGR as part of the injection and tracer test for SWMU B-3.

Data Validation and Verification

Laboratory results from sampling efforts and investigations are validated and verified by Parsons' chemists to ensure results are in compliance with CSSA QAPP requirements. Data validation and verification continued during Quarter 28 under CSSA projects TO0006, TO0008, and TO0179.

Parsons conducted data validation for 20 data packages during Quarter 28:

- Six related to TO0179 sampling activities;
- Four related to TO0006 sampling activities;
- Four related to quarterly groundwater monitoring activities;
- Three related to outfall sampling; and
- Three related to semi-annual Westbay sampling.

The TO0179 sampling included liquid, oil, water, and soil sampled from various locations for waste characterization purposes. Analyses were for TCLP metals, VOCs and SVOCs. TO0006 sampling and outfall monitoring are verified as screening-level data only from Westbay-equipped wells at the SWMU B-3 area. The four TO0006 data packages were received from Gulf Coast Analytical Laboratories, the TO0179 data packages were received from APPL and Texas Oil Tech, and the TO0008 data packages for outfall monitoring and semi-annual Westbay sampling were received from DHL Analytical. Data packages were validated and verified in accordance with specific project DQOs and the CSSA QAPP. Parsons will submit TO0008 off-post groundwater monitoring data packages to AFCEE for review this Quarter.

Treatability Studies

SWMU B-3 Removal Action, Bioreactor and Treatability Testing

The Treatability Study subtask makes up approximately 10 percent of the RFI phase. As of the end of Quarter 28, this task is approximately 45 percent complete. As part of the SWMU B-3 treatability studies, four Westbay monitoring wells and one injection well were installed in the B-3 area. A well construction report will be submitted in the future incorporating borehole

geophysical results and sampling results. Surveying of the four Westbay wells and the injection well was completed March 7, 2006.

Baseline monitoring of the four Westbay monitoring wells and the injection well were completed in January 2006, and the results were received in Quarter 28. Preliminary results from the Westbay monitoring wells from three rounds of baseline monitoring at SWMU B-3 are presented in Attachment 4.

On March 15, 2006, the tracer test began at SWMU B-3 with the injection of 5 gallons of iodide/water solution into well CS-B3-MW01. The target concentration of the tracer mixture was 500 mg/L. Prior to injecting the tracer, background water samples were collected from WB05-LGR-03B, WB05-LGR-04A, WB05-LGR-04B, WB05-BS-01, WB05-CC-01, CS-MW16-LGR, and CS-MW16-CC. Results of the initial sampling indicated that background iodide concentrations in groundwater were below detection limits. Results of the tracer sample indicated that the initial tracer concentration was 497 mg/L prior to injection, and the concentration within the injection well after placement of the tracer was 146 mg/L.

Following the injection, groundwater samples were collected daily from WB05-LGR-04A and CS-B3-MW01. The sampling from the injection well was primarily done to see if the rate of the tracer leaving the well could be determined and that sampling was discontinued after March 17. Sampling of WB05-LGR-04A continued on a daily basis through March 23. Initial results of the samples from the WB05-LGR-04A interval showed that the tracer concentration peaked two days after injection (March 17) and declined thereafter. Based on the initial results from LGR-04A, the sampling scheme was expanded to include WB05-LGR-03B, WB05-LGR-04B and CS-MW16-LGR to evaluate if vertical migration of the tracer was occurring and also to watch for arrival of the tracer farther downgradient at CS-MW16-LGR. In the latest sample results on March 23, 2006, a low level of the iodide tracer was possibly detected in WB05-LGR-03B and CS-MW16-LGR; however, the concentrations were below the calibrated range for the instrument so the accuracy of these measurements are uncertain. Sampling for the tracer test ended March 31, 2006.

The tracer test progressed faster than predicted. The pumping at well CS-MW16-LGR increased the speed of the test. Pumping of CS-MW16-LGR was discontinued after completion of the tracer test. Sampling for the substrate injection will be based on results from the injection well and test.

On April 4 and 5, 2006, 150 gallons of a vegetable oil emulsion along with approximately 1,680 gallons of a water/lactate mixture were injected into well CS-B3-MW01 immediately northwest of the SWMU B-3 disposal area. The vegetable oil and lactate will serve as organic substrates to increase the microbial activity in the formation to increase the rates of contaminant degradation. Following injection of the substrate mixture, approximately 1,050 gallons of the water/lactate mixture were pumped into the injection well to flush the residual vegetable oil emulsion into the aquifer. Groundwater sampling is scheduled to be conducted in May 2006 to monitor geochemical changes within the aquifer, including degradation rates.

AOC-65 SVE System

CSSA re-started the SVE system located at AOC-65 in March 2006. Prior to system startup, field screening data were collected from all the vapor extraction wells and vapor monitoring points located outside AOC-65 and inside Building 90 on February 17, 2006. Operations and maintenance data were collected upon restart of the SVE system blower on March 8, 2006, and a system check was performed during the week of March 17, 2006. The field screening data and the sampling results are included in **Attachment 6**. A quarterly sampling event for the SVE system will be conducted during Quarter 29.

SUMMARY OF CONTACTS

Letters summarizing results of the December 2005 off-post groundwater monitoring event were mailed to owners of the off-post wells in March 2006. A Fact Sheet summarizing the December 2005 groundwater monitoring results was submitted to CSSA and AFCEE for review during Quarter 28. After final approval, the Fact Sheet was mailed during March 2006. A Fact Sheet summarizing cleanup efforts at SWMU B-3 was drafted and forwarded to all recipients on the CSSA mailing list in March 2006.

The following contacts occurred with TCEQ or USEPA:

- January 26, 2006 Letter giving TCEQ approval of closure for the container storage area located at Building 40 based on October 2005 CSSA submittal;
- January 30, 2006 Letter submitting Final Hydrogeologic Conceptual Site Model;
- March 13, 2006 Letter giving CSSA notification of activation of Outfall 004;
- April 10, 2006 Letter giving CSSA notice of intent to perform well rehabilitation of water production wells 9 and 10;
- April 19, 2006 Meeting (TIM #3) under TO0006 attended by TCEQ and USEPA to discuss SWMU B-3 and WMP; and
- April 20, 2006 Submittal of Groundwater Monitoring Reports for September On- and Off-post and December Off-post.

On October 17, 2005, CSSA submitted the underground injection control (UIC) authorization for the enhanced anaerobic bioreactor (EAB) pilot study to the TCEQ. The TCEQ requested submission of additional information regarding classification of water from CS-MW16-LGR to enable approval of the application. The UIC authorization was approved on February 27, 2006.

CSSA submitted a request in Quarter 28 to the TCEQ to use groundwater from CS-MW16-LGR and CS-MW16-CC in the bioreactor/recirculation system. The bioreactor is scheduled to be constructed during Quarter 29.

Copies of all correspondence are included in **Volume 1-7** of the **Environmental Encyclopedia**.

PROJECTED WORK FOR THE NEXT QUARTER

Community Relations Plan

The CRP Update will be finalized, and preparations for a Public Meeting, to be scheduled in September or October 2006, will begin.

Fact Sheets

Fact Sheets covering the March groundwater monitoring will be finalized and mailed to residents during Quarter 29. It was agreed at the April 19, 2006 meeting that the frequency of Fact Sheets for groundwater monitoring would be reduced from quarterly to once per year.

Groundwater Monitoring

The March 2006 Off-Post Groundwater Monitoring Report will be prepared during Quarter 29. Operations and maintenance at the residential GAC filtration systems (LS-6, LS-7, OFR-3, RFR-10, and RFR-11) and public water supply systems (LS-2/LS-3) will be conducted monthly during Quarter 29. The Westbay wells will be profiled and sampled in September 2006.

SWMU and AOC RFI Closure Reports and Planned Closure Projects

Responses to TCEQ requests for additional information regarding these reports will be provided as necessary during Quarter 29. All remaining CSSA SWMUs and AOCs that did not achieve closure before the May 1, 2005 deadline will be transitioned to the TRRP. Planning for a future project to investigate and close additional SWMUs and AOCs will continue.

SWMU B-3 Removal Action, Bioreactor and Treatability Testing

Removal actions at SWMU B-3 will be performed during Quarter 29, and bioreactor construction will be initiated.

Post-substrate injection monitoring of monitoring wells and Westbay wells will be performed around SWMU B-3 as described in the WPs associated with the EAB treatability study work plan.

**Table 2 Project Task Completion to Date for Open Projects Only
 (Values updated through April 30, 2006)**

Project Number	Description of Task	Relation to Order	Percent Complete	Start/End Dates
Previously completed task orders:				
Order 37	UST Investigations	NA	100%	1991/1995
Order 52	Investigation of F-14	I/SM/RFI	100%	1992/1993
Order 67	Groundwater sampling, Water Well Inventory, Hydrogeologic Report	I/SM/RFI	100%	1992/1996
Order 71	Environmental Assessment	I/M	100%	1992/1993
Order 126	B-20, F-14 Investigations, Background Soils Study	RFI	100%	1994/1996
RL17	Geophysical surveys, Well Installations Soil Sampling and Groundwater sampling	I/SM/RFI	100%	1995/2003
RL33	Site investigations, B-20 treatability studies and UXO investigation	RFI	100%	1996/2002
Order 23	Groundwater Sampling	RFI	100%	1996/1998
RL53	SWMU and AOC Investigations	RFI	100%	1997/2003
RL83	Geophysical Surveys	RFI	100%	1999/2003
RL74	Current Conditions Report, Community Relations, Groundwater Monitoring	RFI	100%	1999/2001
DO5068	Soil Gas Surveys	RFI	100%	1999/2002
DO23	Groundwater Monitoring	RFI	100%	1998/2001
DO5084	Building 90 Investigation, Groundwater Monitoring	RFI	100%	September 2000 to 2003
TO0058	Treatability Study for AOC 65	RFI	100%	September 2001 to April 2005
Current Task Orders:				
TO0042	Well Installations, Groundwater Monitoring	I/SM/RFI		September 2001 to March 2006
	TO Management	I/SM/RFI	100%	
	Meetings	I/SM/RFI	100%	
	Site Survey/WPs	I/SM/RFI	100%	
	New Well Installation/Well Upgrade	RFI	100%	
	On-Post Groundwater Monitoring	I/SM/RFI	100%	
TO0005	Environmental Program Technical Support	I/SM/RFI		June 2003 to February 2007
	TO Management	I/SM/RFI	75%	
	Meetings	RFI	65%	
	Environmental Encyclopedia Updates	RFI	84%	
	LAN Support	NA	100%	
	Quarterly Progress Reports	I/SM/RFI	70%	
	Publish Encyclopedia Website	I/SM/RFI	70%	
TO0008	Groundwater Monitoring	I/SM/RFI		May 2003 to February 2007
	TO Management	I/SM/RFI	80%	
	Meetings	I/SM/RFI	80%	
	WPs	I/SM/RFI	100%	

Project Number	Description of Task	Relation to Order	Percent Complete	Start/End Dates
	On-Post Groundwater Sampling	I/SM/RFI	34%	
	Off-Post Groundwater Sampling	I/SM/RFI	18%	
	Analytical Validation, Verification, and ERPIMS	I/SM/RFI	87%	
	LAN and GIS Support	I/SM/RFI	80%	
	Effluent Re-Use Feasibility Study	NA	0%	
	Well Network Optimization Study	RFI	100%	
	Installation of Monitoring Wells	RFI	2%	
	CSM Update	RFI	1%	
TO0019	SWMU Closures	RFI		June 2003 to November 2005
	TO Management	RFI	98%	
	Preparation of Plans	RFI	100%	
	Field Activities	RFI	97%	
	Preparation of Reports	RFI	97%	
	Meetings	RFI	95%	
TO0017	East Pasture Removal Action	RFI		March 2005 to May 2006
	TO Management	RFI	100%	
	Geophysical Prove-Out/Survey	RFI	100%	
	Sampling/Transportation and Disposal	RFI	100%	
	Anomaly Excavation/Reacquisition	RFI	100%	
TO0179	Miscellaneous Sampling	RFI		September 2005 to January 2007
	Project Management and Meetings	RFI	65%	
	NEPA Support and Permit Acquisition/Tracking	RFI	65%	
	Miscellaneous Environmental Services	RFI	65%	
TO0006	SWMU B-3 and AOC-65 Remediation	RFI		August 2004 to September 2006
	Project Management	I/SM/RFI	76%	
	Meetings	I/SM/RFI	66%	
	WPs & DQOs	RFI	100%	
	Outfall Reuse Design & Construct	I/SM/RFI	13%	
	B3 Remedial Optimization	RFI	57%	
	AST Upgrade	I/SM/RFI	18%	
	SVE Expand & O&M	RFI	20%	
	SWMU B-3 Monitoring Network	RFI	99%	
	Asphalt Removal Action	Other	100%	
	SWMU B-3 Removal Action	RFI	3%	
	Bioreactor Construction	RFI	15%	
	Bioreactor Testing & O&M	RFI	0%	
	CS-MW16-CC Pumping Test	RFI	96%	
TO0098	Miscellaneous Studies	Other		August 2004 to August 2006
	Project Management	Other	85%	

Project Number	Description of Task	Relation to Order	Percent Complete	Start/End Dates
	TPDES Permit Application	Other	100%	
	Storm Water Procedures Manual	Other	98%	
	Installation Cultural and Natural Resources Management Plans	Other	98%	
	Environmental Noise Management Plan	Other	100%	
	Community Relations Plan	RFI	90%	
	Air Permit Update	Other	100%	
	GIS and LAN Support	Other	27%	
	Salado Creek Feasibility Study and Implementation	Other	60%	
	EMS Implementation and Training	Other	50%	

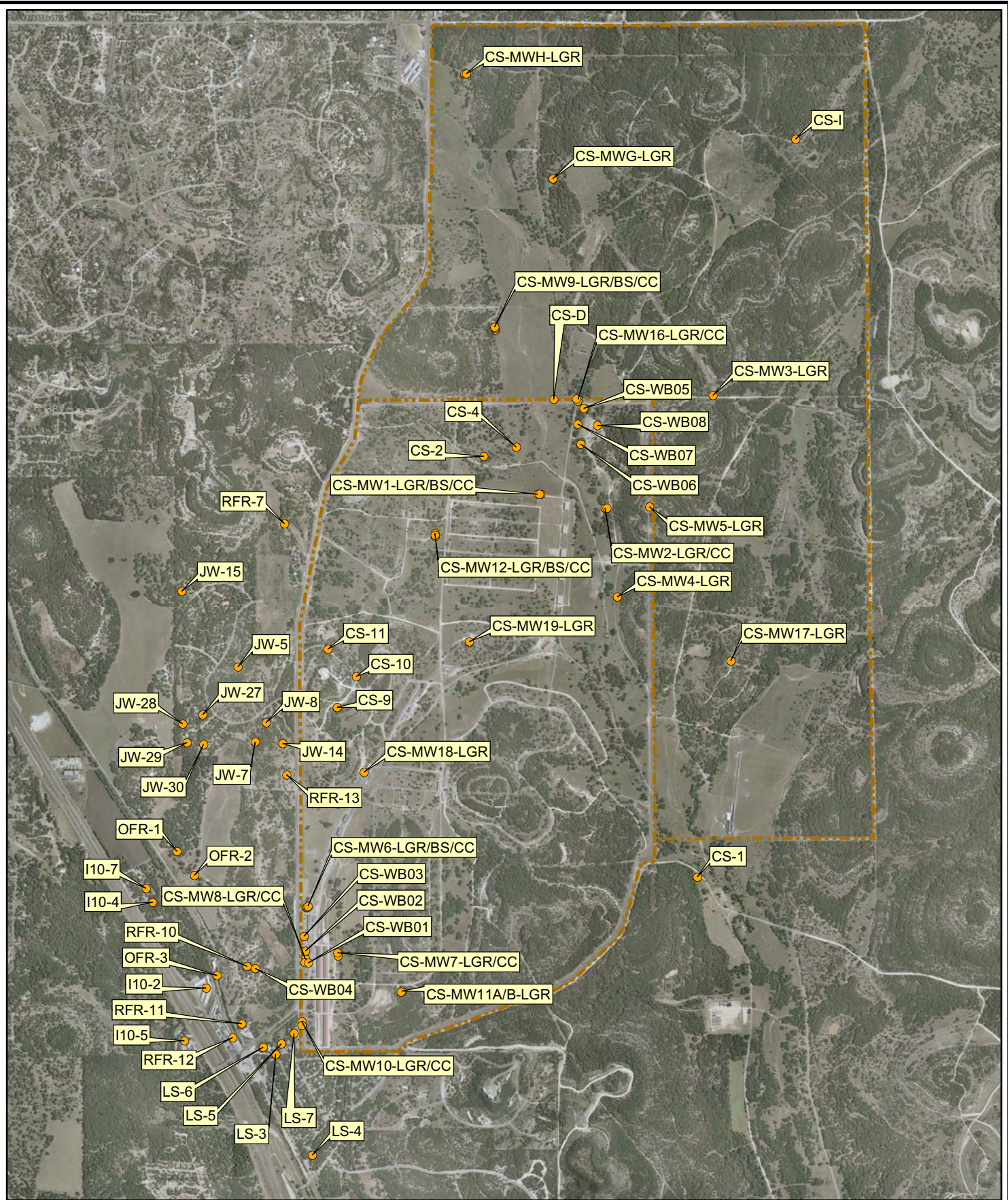
Table 3 Project Contact Information

Name	Organization/Role	Street Address	City, State, Zip	Phone No.	Fax No.	E-mail
Aston, Jeff	CSSA/USACE, Environmental Engineer	c/o Environmental Office, 25800 Ralph Fair Road	Boerne, TX 78015-4800	(210) 698-5208	(210) 295-7386	astonj@envirodept.net
Beal, Christopher	CSSA/Portage Environmental, Geologist and Environmental Assistant	c/o Environmental Office, 25800 Ralph Fair Road	Boerne, TX 78015-4800	(210) 698-5208	(210) 295-7386	bealc@envirodept.net
Brown, Ed	AFCEE/ERC, AFCEE chemist	3300 Sidney Brooks	Brooks City-Base TX 78235-5112	(210) 536-5665	(210) 536-9026	edward.brown@brooks.af.mil
Burdey, Julie	Parsons, Project Mgr. RL74, RL83, TO0019	8000 Centre Park Dr., Suite 200	Austin, TX 78754	(512) 719-6062	(512) 719-6099	julie.burdey@parsons.com
Chang, Tammy	Parsons, Senior Scientist	8000 Centre Park Dr., Suite 200	Austin, TX 78754	(512) 719-6092	(512) 719-6099	tammy.chang@parsons.com
Cobb, Gary	Parsons, Task Mgr for geophysics	8000 Centre Park Dr., Suite 200	Austin, TX 78754	(512) 719-6011	(512) 719-6099	gary.cobb@parsons.com
Fernando, Joe	Portage Environmental, Project Chemist	901 NE Loop 410, Suite 700	San Antonio, TX 78209	(210) 805-7471	(210) 805-7478	jfernando@portageenv.com
Hefner, Rene	AFCEE/ERC, Hydrogeologist	3300 Sidney Brooks	Brooks City-Base TX 78235-5112	(210) 536-4763	(210) 536-9026	rene.hefner@brooks.af.mil
Lynch, John	Parsons, Program Mgr for ENRAC, WERC Contracts	5390 Triangle Parkway, Suite 100	Norcross, GA 30092	(678) 969-2492	(770) 446-4910	John.lynch@parsons.com
Lyssy, Greg	EPA, Project Manager	1445 Ross Avenue (6PD-N)	Dallas, TX 75202-2733	(214) 665-8317	(214) 665-6660	lyssy.gregory@epa.gov
North, Eric	Parsons Project Manager for TO0017, TO0179	8000 Centre Park Dr., Suite 200	Austin, TX 78754	(512) 719-6054	(512) 719-6099	eric.north@parsons.com
Pearson, Scott	Parsons, Project Mgr. For AETC DO5068	8000 Centre Park Dr., Suite 200	Austin, TX 78754	(512) 719-6087	(512) 719-6099	william.scott.pearson@parsons.com
Perez, Jesse	AFCEE/ERD, Team Chief	3300 Sidney Brooks	Brooks City-Base, TX 78235-5112			
Power, Abigail	TCEQ, Environmental	14250 Judson Road	San Antonio, TX	(210) 490-3096	(210) 545-4329	Apower@tceq.state.tx.us

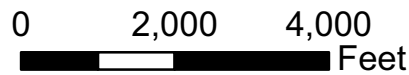
Name	Organization/Role	Street Address	City, State, Zip	Phone No.	Fax No.	E-mail
	Investigator		78233-4480			
Rayos, Sonny	TCEQ, Project Mgr	P.O. Box 13087, MC-127	Austin, TX 78711-3087	(512) 239-2371		Srayos@tceq.state.tx.us
Rembish, Steve	Parsons, Risk Assessor	8000 Centre Park Dr., Suite 200	Austin, TX 78754	(512) 719-6067	(512) 719-6099	steve.rembish@parsons.com
Rice, Ken	Parsons, Task Mgr	8000 Centre Park Dr., Suite 200	Austin, TX 78754	(512) 719-6050	(512) 719-6099	ken.r.rice@parsons.com
Sanchez, Glaré	CSSA Environmental Program Manager	25800 Ralph Fair Road	Boerne, TX 78015-4800	(210)698-5208	(210) 295-7386	sanchezg@envirodept.net
Shirley, Jason (LTC, retired)	CSSA Installation Manager	25800 Ralph Fair Road	Boerne, TX 78015-4800	(210) 295-7416	(210) 295-7386	
Siegfried, Brian	AFCEE/ERD, Team Chief	3300 Sidney Brooks	Brooks City-Base, TX 78235-5112	(210) 536-5208	(210) 536-9026	brian.siegfried@brooks.af.mil
Sullivan, Jack	Parsons, Program Manager for AFCEE 4P A-E Contract	901 NE Loop 410, Suite 512	San Antonio, TX 78209	(210) 828-4900	(210)828-9440	jack.sullivan@parsons.com
Vail, Christina	Parsons, Deputy Program Mgr, AFCEE 4P A-E Contract	901 NE Loop 410, Suite 512	San Antonio, TX 78209	(210) 828-4900	(210) 828-9440	christina.vail@parsons.com
Vanderglas, Brian	Parsons, Project Mgr. for AETC DO5084, TO0058	8000 Centre Park Dr., Suite 200	Austin, TX 78754	(512) 719-6059	(512) 719-6099	brian.vanderglas@parsons.com
Vaughn, Kimberly	Parsons, Project Mgr. for TO0042, TO0005, TO 0008	8000 Centre Park Dr., Suite 200	Austin, TX 78754	(512) 719-6816	(512) 719-6099	kimberly.vaughn@parsons.com
Wright, Judith	UFA Ventures	403 West Riverside Dr.	Carlsbad, NM 88220	(505) 628-0916	(505) 628-0915	judith@ufaventures.com

ATTACHMENT 1

ON-POST AND OFF-POST SAMPLED WELLS FIGURE



- On-Post Wells and Off-Post Wells
- CSSA Boundary



Attachment 1
On-Post and Off-Post Ground Water Wells Camp Stanley Storage Activity
PARSONS

ATTACHMENT 2

SUMMARY OF STATUS OF EACH SWMU/AOC SITE

Attachment 2

Summary of Solid Waste Management Units and Area of Concern Status Table

Unit No.	Description	Investigation Report(s)	Recommendations	Requested Action				Closure Approved by	Closure Type
				RRS1	NFA	Delisting	TRRP		
B-1	Powder and ammo burn area (1954).	RFI/Closure Report July 2002	RRS1 Closure	X				November-02	RRS1
B-2	Small arms ammunition burning area (1954)	Draft RFI Report	Further investigation						
B-3	Landfill area (garbage disposal and burning trash); filled in 1990-91.	RFI Report March 2005	Removal of contaminated soil						
B-4	Classified burn area (documents and trash).	RFI Report June 2002	Removal of waste in trench and confirmation sampling						
B-5	Possible fired small arms ammo brass area. Not located.	RFI/Closure Report July 2002	RRS1 Closure	X				October-02	RRS1
B-6	Possible solid waste disposal area.	RFI/Closure Report July 2002	RRS1 Closure	X				October-02	RRS1
B-7	Possible fired small arms ammunition brass disposal area	RFI/Closure Report July 2002	RRS1 Closure	X				October-02	RRS1
B-8	Fired small arms ammo brass disposal area (piles of fire bricks, ammo shells)	RFI Report December 2003	Remediation of stockpiled and in-situ soils						
B-9	Miscellaneous solid waste (metal and weapons) disposal area.	RFI/Closure Report September 2002	RRS1 Closure	X				March-03	RRS1
B-10	Ammunition disposal area.	RFI/Closure Report May 2003	RRS1 Closure	X				January-04	RRS1
B-11	Miscellaneous solid waste disposal (ammo, scrap metal, const. debris).	RFI Closure Report June 04	RRS1 Closure	X				September-04	RRS1
B-12	Landfill, WPA trash when igloos were being built	RFI Report April-05	RRS1 Closure	X				July-05	RRS1
B-13	Trash dump area.	RFI Report June 2002	Excavation of waste and surface sampling.						
B-14	Possible fired brass area - not located.	Delisting Requested June 1997	Delisting			X			
B-15/16	Landfill (target vehicles, weapons mounts)	RFI Report October 2002	Removal of debris and sampling						
B-19	Solid waste disposal area (metals and weapons).	RFI/Closure Report June 2002	RRS1 Closure	X				September-02	RRS1
B-20	Former OB/OD area	RFI Report July 2002	Remediation of stockpiled and in-situ soils						
B-21	Ammunition disposal areas	Combined with B-20							
B-22	Burn area (artillery shells).	RFI/Closure Report August 2002	RRS1 Closure	X				December-02	RRS1
B-23	Disposal trenches (two green canisters)	RFI Report April 2005	RRS1 Closure	X				July-05	RRS1
B-23A	Disposal Trench (glass ampoules of liquid)	RFI Closure Report September 2004	RRS1 Closure	X				March-05	RRS1

Attachment 2

Summary of Solid Waste Management Units
and Area of Concern Status Table

Unit No.	Description	Investigation Report(s)	Recommendations	Requested Action				Closure Approved by	Closure Type
				RRS1	NFA	Delisting	TRRP		
B-24	Spent ammo/rockets area	RFI Report May 2002	Remediation of stockpiled and in-situ soils						
B-25	Possible disposal trench	RFI Report April 2005	RRS1 Closure	X				July-05	RRS1
B-26	Possible disposal trench	Delisting Report August 2004	Delisting			X		November-04	Delisting
B-27	Sanitary landfill, consisting of 5-6 trenches (6 ft deep, 3 ft wide).	RFI Report July 2002	Removal of waste and confirmation sampling						
B-28	Disposal trenches (molten metal, ammo, ammo parts)	RFI Report April 2002	Remediation of stockpile soils						
B-29	Solid waste disposal area (in old quarry)	RFI Report April 2005	RRS1 closure	X					
B-30	Solid waste disposal area	RFI Report September 2004	RRS1 Closure	X				February-05	RRS1
B-31	Lead shot/sand pipe bedding	RFI/Closure Report July 2002	RRS1 Closure	X				November-02	RRS1
B-32	Lead shot/sand pipe bedding	RFI/Closure Report January 2003	RRS1 Closure	X				November-03	RRS1
B-33	Lead shot/sand pipe bedding	RFI Report September 2004	RRS1 Closure	X				November-04	RRS1
B-34	Maintenance pit floor drain and discharge point	RFI Report August 2002	Delineate contamination, disposal of soil				X		
B-71	Livestock area. Inner cantonment, SW of Well 16.	--	--						
Bldg 40	less-than 90-day accumulation container storage area	RFI/Closure Report September 2003	RRS1 Closure	X				January-04 and January-06	RRS1
Bldg 43	Inactive makeshift ammo demolition facility	RFI Report April 2005	RRS1 Closure	X				September-05	RRS1
DD	Dud ammunition disposal area	RFI Report January 2005	RRS1 Closure	X				April-05	RRS1
F-14	Hazardous waste storage area (<90-day)	RFI/Closure Report, 1995	RRS1 Closure	X				November-95	RRS1
I-1	Inactive incinerator (built in 1943), currently used for transformer storage	RFI Report February 2003	(Additional work)						
O-1	Waste liquid/sludge oxidation pond (1975)	RFI/Closure Report October 2000	RRS1 Closure	X				April-02	RRS1
Coal Bins	Coal bins (no longer in use)	Delisting Requested January 2003	Delisting			X			
AOC 35	Area immediately around Well 16. Northeast area of inner cantonment.	RFI/Closure Report October 2002	RRS1 Closure	X				February-03	RRS1

Attachment 2

Summary of Solid Waste Management Units
and Area of Concern Status Table

Unit No.	Description	Investigation Report(s)	Recommendations	Requested Action				Closure Approved by	Closure Type
				RRS1	NFA	Delisting	TRRP		
AOC 36	Area between Well 16 and B-3. Possible waste verified not present by magnetometer survey.	RFI/Closure Report April 2002	RRS1 Closure	X				August-02	RRS1
AOC 37	Livestock area. NW of Well 16 and N of Well D.	RFI/Closure Report June 2004	RRS1 Closure	X				January-05	NFA
AOC 38	Livestock area. Inner cantonment, SW of Well 16.	RFI Report September 2004	RRS1 Closure	X				February-05	RRS1
AOC 39	None. Area west of Well 16 between North Outer Rd and cantonment fence.	RFI/Closure Report April 2002	RRS1 Closure	X				September-02	RRS1
AOC 40	None. Area east of Well 16 between North Outer Rd and cantonment fence.	RFI/Closure Report May 2002	RRS1 Closure	X				August-02	RRS1
AOC 41	Gate area east of well 16. North Pasture, north of gate 6.	No Further Action Report April 2005	No Further Action		X			July-05	NFA
AOC 42	None. South of SWMUs B-28 and B-19, west of B-4.	RFI Report October 2002	Excavation and sampling.						
AOC 43	Shallow trench without mounds. Metal, UXO. Located 50 ft south of B-7.	RFI/Closure Report October 2002	RRS1 Closure	X				February-03	RRS1
AOC 44	Fox holes and trenches south of B-9 along west slope of hill. UXO includes Stokes mortars and 20-lb bombs.	Delisting Report April 2005	Delisting			X		July-05	Delisting
AOC 45	Flat area with spent and undamaged bullets. Located east of B-31, near bend in road.	--	--						
AOC 46	Bermed area with stockpile of lead shot and sand. Located south of Engineering on east side of Thompkins Road.	RFI/Closure Report April 2005	--	X				July-05	RRS1
AOC 47	Area of trenches and mounds (similar to B-15/16). South of B-15/16, in SW area of East Pasture.	RFI/Closure Report June 2002	RRS1 Closure	X				September-02	RRS1
AOC 48	Three N-S trending mounds and a construction debris pile. Located north of B-15/16.	Delisting Report August 2004	Delisting Report			X		November-04	Delisting
AOC 49	Trench (4 x 7 ft) without surficial debris. Located SW of deer stand 41 in central East Pasture.	Delisting Report April 2005	Delisting			X		July-05	Delisting
AOC 50	Area with orange discolored material (most likely nickel penetrate) at ground surface. South of B-30 along gravel road.	RFI/Closure Report January 2005	RRS1 Closure	X				April-05	RRS1
AOC 51	East pasture, east of active range, approximately 25 acres, area around B-9	--	--						
AOC 52	Area west of B-4 towards Salado Creek near trees, two trenches	--	--						
AOC 53	Building foundation near B-27 at Central Road and road to "D" Tank, batteries at rear of slab	RFI/Closure Report April 2005	--	X				July-05	RRS1
AOC 54	Area near gutting pit, east of Welding Shop Building, right side of road batteries were stored in the area	Closure Report July 2004	--	X				November-04	RRS1

Attachment 2

Summary of Solid Waste Management Units
and Area of Concern Status Table

Unit No.	Description	Investigation Report(s)	Recommendations	Requested Action				Closure Approved by	Closure Type
				RRS1	NFA	Delisting	TRRP		
AOC 55	Landfill, south of Tenberg Drive, east of Salado Creek	RFI/Closure Report Feb 04	RRS1 Closure	X					
AOC 56	Landfill, at intersection of Bernard Road and East Outer Road, surface depression on south side of intersection	Closure Report June 04	RRS1 Closure	X				September-04	RRS1
AOC 57	East of Building 98 and KOA Area, cleaning/maintenance activities performed at temporary structures	--	--						
AOC 58	Suspected disposal trench within Inner Cantonment	RFI Report October 2002	Investigate anomaly						
AOC 59	Trench-type anomaly located west Test Pad in the East Pasture	--	--						
AOC 60	Trench located west of tunnel and entrance roadway in the East Pasture.	Delisting Report April 2005	Delisting			X		July-05	Delisting
AOC 61	Suspected landfill	RFI/Closure Report October 2002	RRS1 Closure	X				February-03	RRS1
AOC 62	Located west of monitoring well MW-2 and east of Salado Creek.	--	--						
AOC 63	Area consisting of 3 barrels containing rocks, south of deer stand 41 in the East Pasture.	--	--						
AOC 64	Area east of SWMU B-4; flares observed in the area	--	--						
AOC 65	A concrete pit area that housed a metal vat that contained TCE and PCE.	RFI Report August 2003	Additional investigation, remediation ongoing						
AOC 66	Area north of Well 16 in the outer cantonment.	Closure Report June 04	RRS1 Closure	X				February-05	NFA
AOC 67	Concrete pad near Building 90 housed a vat containing cleaning solvents.	RFI Report August 2002	--						
AOC 68	Area includes metal slag/debris storage area from Wheelabrator operations next to Building 90-2.	--	--						
AOC 69	Located on west side of CSSA.	--	--						
AOC 70	Building used to mix pesticides. Near Building 1.	--	--						
AOC 72	Area containing concrete, possible asbestos. Located east of Building 94, in SW CSSA.	--	--						
AOC 73	Ranch landfill with overgrown trenches. Near Well I1, in northwest corner of CSSA.	--	--						

ATTACHMENT 3

OVERALL H ORDER PERCENT COMPLETE

Attachment 3
Overall (H) Order Percent Complete

Task Name	% of Project	% of Phase	% Complete	% of Activity Complete	% of Task Complete
Interim Measures	30%				88.8%
Interim Measures Work Plan		7%	100%	7.0%	
Interim Measures Implementation Reports		70%	85%	59.7%	
		23%	96%	22.1%	
RCRA Facility Investigation	30%				72.1%
Preliminary Report		5%	100%	5%	
RFI Workplan		5%	92%	5%	
Facility Investigation		40%	69%	28%	
Risk Assessment		10%	99%	10%	
Investigation Analysis		10%	84%	8%	
Groundwater Investigation		15%	73%	11%	
Treatability Studies		10%	45%	5%	
Progress Reports		5%	23%	1%	
Corrective Measures Study	10%				0%
Identify and Develop Alternatives		15%	0%	0%	
Evaluate Alternatives		60%	0%	0%	
Reports		25%	0%	0%	
Corrective Measures Implementatio	30%				0%
Implementation Program Plan		5%	0%	0%	
Corrective Measure Design		15%	0%	0%	
Corrective Measure Construction		70%	0%	0%	
Reports		10%	0%	0%	
% of Phase Complete					48.28%

Attachment 3
Overall (H) Order Percent Complete

Task Name	% of Phase	% of Task	% Complete	% of Activity Complete	% of Activity Remaining	% of Task Complete	Comments/Status
1 Interim Measures Work Plan	7%					100.0%	
Draft IM Workplan		80%	100%	80%	0%		
Draft Final IM Workplan		15%	100%	15%	0%		
Final IM Workplan		5%	100%	5%	0%		
2 Interim Measures Implementation	70%					85.3%	
Sample 3 Off-Site Wells		1%	100%	1%	0%		
Sample 20 Off-Site Wells (6 events)		6%	100%	6%	0%		(remaining off-post sampling conducted under the RFI task)
2000 Groundwater Monitoring (4 events)		5%	100%	5%	0%		
2001 Groundwater Monitoring (4 events)		5%	100%	5%	0%		
2002 Groundwater Monitoring (4 events)		5%	100%	5%	0%		
2003 Groundwater Monitoring (4 events)		5%	100%	5%	0%		
2004 Groundwater Monitoring (4 events)		5%	100%	5%	0%		
2005 Groundwater Monitoring (4 events)		5%	100%	5%	0%		
2006 Groundwater Monitoring		5%	25%	1%	75%		
Locate and map off-site wells		1%	100%	1%	0%		
O-1 Soil Borings		3%	100%	3%	0%		
O-1 Excavation, Stabilization, Diposal		15%	100%	15%	0%		
Establish Treatment Unit		1%	0%	0%	100%		may or may not be necessary. When treatability studies results have been evaluated
Determine appropriate disposition of soil piles		7%	100%	7%	0%		Unfunded CSSA future work.
Treat/dispose of soil piles		20%	50%	10%	50%		Not included as IM in the Order.
AOC 50 Excavation and Disposal		3%	100%	3%	0%		
AOC 65 Excavation and Disposal		8%	100%	8%	0%		
3 Reports	23%					96.2%	
Quarterly Progress Report 1 (August 1999)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 2 (November 1999)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 3 (February 2000)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 4 (May 2000)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 5 (August 2000)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 6 (November 2000)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 7 (February 2001)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 8 (May 2001)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 9 (August 2001)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 10 (November 2001)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 11 (February 2002)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 12 (May 2002)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 13 (August 2002)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 14 (November 2002)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 15 (February 2003)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 16 (May 2003)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 17 (August 2003)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 18 (November 2003)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 19 (February 2004)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 20 (May 2004)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 21 (August 2004)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 22 (November 2004)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 23 (February 2005)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 24 (May 2005)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 25 (August 2005)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 26 (October 2005)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 27 (January 2006)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 28 (April 2006)		0.83%	100%	0.83%	0%		
Quarterly Progress Report 29 (July 2006)		0.83%	0%	0.00%	100%		
Quarterly Progress Report 30 (October 2006)		0.83%	0%	0.00%	100%		
Quarterly Progress Report 31 (January 2007)		0.83%	0%	0.00%	100%		
Quarterly Progress Report 32 (April 2007)		0.83%	0%	0.00%	100%		
Quarterly Progress Report 33 (July 2007)		0.83%	0%	0.00%	100%		
Draft O-1 IM Report		19%	100%	19%	0%		
Draft final O-1 IM Report		12%	100%	12%	0%		
Final O-1 IM Report		5%	100%	5%	0%		
Draft Soil Pile IM Report		20%	100%	20%	0%		
Draft Final Soil Pile IM Report		12%	100%	12%	0%		
Final Soil Pile IM Report		5%	100%	5%	0%		
% of Phase Complete						88.81%	

Attachment 3
Overall (H) Order Percent Complete

Task Name	% of Phase	% of Task	% Complete	% of Activity Complete	% of Activity Remaining	% of Task Complete	Comments/Status
Preliminary Report	5%					100.0%	
Draft DCC Report		80%	100%	80%	0%		
Draft Final DCC Report		15%	100%	15%	0%		
Final DCC Report		5%	100%	5%	0%		
RFI Workplan	5%					92.4%	
Draft Community Relations Plan		25%	100%	25%	0%		
Draft Final CRP		5%	50%	3%	50%		
Final CRP		10%	50%	5%	50%		
Draft RFI Workplans		20%	100%	20%	0%		
Draft Final RFI Workplan		5%	100%	5%	0%		
Final RFI Workplans		5%	98%	5%	2%		
Draft Closure Plan (TO 0019)		15%	100%	15%	0%		
Final Closure Plan (TO 0019)		5%	100%	5%	0%		
Draft GW Mon Plan (TO 0008)		8%	100%	8%	0%		
Final GW Mon Plan (TO 0008)		2%	100%	2%	0%		
Facility Investigation¹	40%					69.2%	
Small Areas (0-2 acres in size)							
B-3 Investigation/Report		1.22%	80%	0.976%	20%		Final report submitted, additional work required.
B-4 Investigation/Report		1.22%	80%	0.976%	20%		Final report submitted. Additional work required.
B-5 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Oct 02.
B-6 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Oct 02.
B-7 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Oct 02.
B-8 Investigation/Report		1.22%	80%	0.976%	20%		Final report submitted. Additional work required.
B-9 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Mar 03
B-10 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Jan 04
B-11 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Sept 04
B-12 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved July 05
B-13 Investigation/Report		1.22%	80%	0.976%	20%		Final report submitted. Additional work required.
B-15/16 Investigation/Report		1.22%	80%	0.976%	20%		Final report submitted. Additional work required.
B-19 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Sept 02
B-23 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved July 05
B-23A Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Mar 05
B-25 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved July 05
B-26 Investigation/Report		1.22%	100%	1.220%	0%		Delisting approved November 04
B-27 Investigation/Report		1.22%	80%	0.976%	20%		Final report submitted, additional work required
B-28 Investigation/Report		1.22%	80%	0.976%	20%		Final report submitted, additional work required
B-30 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Feb 05
B-31 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Nov 02
B-32 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Nov 03
B-33 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Nov 04
B-34 Investigation/Report		1.22%	80%	0.976%	20%		Final report and Addendum report submitted, additional work required
B-71 Investigation/Report		1.22%	0%	0.000%	100%		Not investigated
BLDG-43 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Sept 05
Demo Dud Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Apr 05
F-14 Investigation/Report		1.22%	100%	1.220%	0%		Closure approved Nov 95
I-1 Investigation/Report		1.22%	80%	0.976%	20%		Final RFI report submitted.
AOC 35 Investigation/Report		1.22%	100%	1.220%	0%		Additional work required.
AOC 37 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Feb 03
AOC 39 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Jan 05
AOC 40 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Sept 02
AOC 43 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Aug 02
AOC 44 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved Feb 03
AOC 45 Investigation/Report		1.22%	0%	0.000%	100%		Delisting approved July 2005.
AOC 46 Investigation/Report		1.22%	100%	1.220%	0%		RRS1 closure approved July 05

Attachment 3
Overall (H) Order Percent Complete

Task Name	% of Phase	% of Task	% Complete	% of Activity Complete	% of Activity Remaining	% of Task Complete	Comments/Status
AOC 47 Investigation/Report		1.22%	100%	1.220%	0%		Closure approved Sep 02
AOC 49 Investigation/Report		1.22%	100%	1.220%	0%		Delisting approved July 2005
AOC 50 Investigation/Report		1.22%	100%	1.220%	0%		Closure approved Apr 05
AOC 52 Investigation/Report		1.22%	0%	0.000%	100%		
AOC 53 Investigation/Report		1.22%	100%	1.220%	0%		closure approved July 2005.
AOC 54 Investigation/Report		1.22%	100%	1.220%	0%		Closure approved Nov 04
AOC 55 Investigation/Report		1.22%	99%	1.207%	1%		closure report submitted
AOC 56 Investigation/Report		1.22%	100%	1.220%	0%		Closure approved Sept 04
							Final RFI report submitted, additional work recommended.
AOC 58 Investigation/Report		1.22%	80%	0.976%	20%		
AOC 59 Investigation/Report		1.22%	0%	0.000%	100%		
AOC 60 Investigation/Report		1.22%	100%	1.220%	0%		Delisting approved July 2005.
AOC 61 Investigation/Report		1.22%	100%	1.220%	0%		Closure approved Feb 03
AOC 62 Investigation/Report		1.22%	0%	0.000%	100%		
AOC 63 Investigation/Report		1.22%	0%	0.000%	100%		
AOC 64 Investigation/Report		1.22%	0%	0.000%	100%		
AOC 68 Investigation/Report		1.22%	0%	0.000%	100%		
AOC 69 Investigation/Report		1.22%	0%	0.000%	100%		
AOC 70 Investigation/Report		1.22%	0%	0.000%	100%		
AOC 72 Investigation/Report		1.22%	0%	0.000%	100%		
AOC 73 Investigation/Report		1.22%	0%	0.000%	100%		
Medium Areas (2-10 acres in size)							
B-1 Investigation/Report		1.2%	100%	1.220%	0%		Closure approved Nov 02 Final report submitted, additional work recommended
B-2 Investigation/Report		1.2%	80%	0.976%	20%		
B-22 Investigation/Report		1.2%	100%	1.220%	0%		Closure approved Dec 02 Final report submitted, additional work recommended
B-24 Investigation/Report		1.2%	80%	0.976%	20%		Final RRS1 closure report submitted
B-29 Investigation/Report		1.2%	99%	1.207%	1%		
AOC 36 Investigation/Report		1.2%	100%	1.220%	0%		Closure approved Aug 02
AOC 41 Investigation/Report		1.2%	100%	1.220%	0%		Closure approved July 2005. Final report submitted, additional work recommended
AOC 42 Investigation/Report		1.2%	80%	0.976%	20%		
AOC 48 Investigation/Report		1.2%	100%	1.220%	0%		Delisting approved Nov 04
AOC 57 Investigation/Report		1.2%	0%	0.000%	100%		
Large Areas (>10 acres in size)							
B-20/21 Investigation/Report		1.2%	80%	0.976%	20%		Final report submitted, additional work recommended
AOC 38 Investigation/Report		1.2%	100%	1.220%	0%		Closure approved February 05
AOC 51 Investigation/Report		1.2%	0%	0.000%	100%		
AOC 66 Investigation/Report		1.2%	100%	1.220%	0%		NFA Closure approved Feb 05
RMU-1 Investigation/Report		1.2%	0%	0.000%	100%		
RMU-5 Investigation/Report		1.2%	0%	0.000%	100%		
AOC 65 Investigation/Report		1.2%	80%	0.976%	20%		Final report submitted, additional work recommended
AOC 67 Investigation/Report		1.2%	80%	0.976%	20%		Final report submitted, additional work recommended
AOC 68 Investigation/Report		1.2%	0%	0.000%	100%		
AOC 69 Investigation/Report		1.2%	0%	0.000%	100%		
AOC 70 Investigation/Report		1.2%	0%	0.000%	100%		
Coal Bins Investigation/Report		1.2%	100%	1.220%	0%		Site being de-listed as a SWMU
RMU-2 Investigation/Report		1.2%	0%	0.000%	100%		
RMU-3 Investigation/Report		1.2%	0%	0.000%	100%		
RMU-4 Investigation/Report		1.2%	0%	0.000%	100%		
Groundwater Investigation	15%					73%	
Well Installation		10%	80%	8%	20%		Well installations pending under TO 08
Groundwater Monitoring 1999		4.2%	100%	4%	0%		
Groundwater Monitoring 2000		4.2%	100%	4%	0%		
Groundwater Monitoring 2001		4.2%	100%	4%	0%		
Groundwater Monitoring 2002		4.2%	100%	4%	0%		
Groundwater Monitoring 2003		4.2%	100%	4%	0%		

Attachment 3
Overall (H) Order Percent Complete

Task Name	% of Phase	% of Task	% Complete	% of Activity Complete	% of Activity Remaining	% of Task Complete	Comments/Status
Groundwater Monitoring 2004		4.2%	100%	4%	0%		
Groundwater Monitoring 2005		4.2%	100%	4%	0%		
Groundwater Monitoring 2006		4.2%	30%	1%	70%		Fieldwork complete to Mar 06
Groundwater Monitoring 2007		4.2%	0%	0%	100%		incomplete
Groundwater Monitoring 2008		4.2%	0%	0%	100%		incomplete
Groundwater Monitoring 2009		4.2%	0%	0%	100%		incomplete
Conceptual Site Model (CSM)		20.0%	100%	20%	0%		Final submitted May 2005
CSM Update		4.0%	100%	4%	0%		
LTMO 2005 (optimization study)		10%	100%	10%	0%		Complete
LTMO 2010 (review of optimization)		10%	0%	0%	100%		incomplete
Risk Assessment	10%					99%	
Draft TAD		10%	100%	10%	0%		
Draft Final TAD		4%	100%	4%	0%		
Final TAD		1%	0%	0%	100%		Complete when analytical data is available for full evaluation.
Draft CSM		80%	100%	80%	0%		
Final CSM		5%	100%	5%	0%		
Investigation Analysis	10%					84%	
Collect Background Data		10%	100%	10%	0%		Information included in facility investigation reports; percent complete based on overall percent complete of facility investigation tasks.
Draft Investigation Analysis		85%	82%	70%	18%		
Final Investigation Analysis		5%	82%	4%	18%		Information included in facility investigation reports; percent complete based on overall percent complete of facility investigation tasks.
Treatability Studies	10%					45%	
Draft Treatability Study Report B-20		15%	100%	15%	0%		
Final Treatability Study Report B-20		5%	100%	5%	0%		
Continued O&M for B-3		10%	100%	10%	0%		
AOC-65 Treatability Studies		10%	80%	8%	20%		
Draft Treatability Study & Technology Evaluation Reports		10%	70%	7%	30%		
Final Treatability Study		25%	0%	0%	100%		
Recharge Study		25%	100%	25%	0%		
Progress Reports	5%					22.9%	
Quarter 1 (August 1999)		0.85%	100%	0.85%	0%		
Quarter 2 (November 1999)		0.85%	100%	0.85%	0%		
Quarter 3 (February 2000)		0.85%	100%	0.85%	0%		
Quarter 4 (May 2000)		0.85%	100%	0.85%	0%		
Quarter 5 (August 2000)		0.85%	100%	0.85%	0%		
Quarter 6 (November 2000)		0.85%	100%	0.85%	0%		
Quarter 7 (February 2001)		0.85%	100%	0.85%	0%		
Quarter 8 (May 2001)		0.85%	100%	0.85%	0%		
Quarter 9 (August 2001)		0.85%	100%	0.85%	0%		
Quarter 10 (November 2001)		0.85%	100%	0.85%	0%		
Quarter 11 (February 2002)		0.85%	100%	0.85%	0%		
Quarter 12 (May 2002)		0.85%	100%	0.85%	0%		
Quarter 13 (August 2002)		0.85%	100%	0.85%	0%		
Quarter 14 (November 2002)		0.85%	100%	0.85%	0%		
Quarter 15 (February 2003)		0.85%	100%	0.85%	0%		
Quarter 16 (May 2003)		0.85%	100%	0.85%	0%		
Quarter 17 (August 2003)		0.85%	100%	0.85%	0%		
Quarter 18 (November 2003)		0.85%	100%	0.85%	0%		
Quarter 19 (February 2004)		0.85%	100%	0.85%	0%		
Quarter 20 (May 2004)		0.85%	100%	0.85%	0%		
Quarter 21 (August 2004)		0.85%	100%	0.85%	0%		
Quarter 22 (November 2004)		0.85%	100%	0.85%	0%		
Quarter 23 (February 2005)		0.85%	100%	0.85%	0%		
Quarter 24 (May 2005)		0.85%	100%	0.85%	0%		

Attachment 3
Overall (H) Order Percent Complete

Task Name	% of Phase	% of Task	% Complete	% of Activity Complete	% of Activity Remaining	% of Task Complete	Comments/Status
Quarter 25 (August 2005)		0.85%	100%	0.85%	0%		
Quarter 26 (November 2005)		0.85%	100%	0.85%	0%		
Quarter 27 (February 2006)		0.85%	100%	0.85%	0%		
Quarter 28 (May 2006)		0.85%	0%	0.00%	100%		
Quarter 29 (August 2006)		0.85%	0%	0.00%	100%		
Quarter 30 (November 2006)		0.85%	0%	0.00%	100%		
Quarter 31 (February 2007)		0.85%	0%	0.00%	100%		
Quarter 32 (May 2007)		0.85%	0%	0.00%	100%		
Quarter 33 (August 2007)		0.85%	0%	0.00%	100%		
Quarter 34 (November 2007)		0.85%	0%	0.00%	100%		
Quarter 35 (February 2008)		0.85%	0%	0.00%	100%		
Quarter 36 (May 2008)		0.85%	0%	0.00%	100%		
Quarter 37 (August 2008)		0.85%	0%	0.00%	100%		
Quarter 38 (November 2008)		0.85%	0%	0.00%	100%		
Quarter 39 (February 2009)		0.85%	0%	0.00%	100%		
Quarter 40 (May 2009)		0.85%	0%	0.00%	100%		
Quarter 41 (August 2009)		0.85%	0%	0.00%	100%		
Quarter 42 (November 2009)		0.85%	0%	0.00%	100%		
(Add'l Quarters - rows hidden)							
% of Phase Complete						72.13%	
¹ Breakdown of percent complete for RFI facility investigations: Field work complete (25%), data validation (20%), boring logs (if applicable)(10%), analytical data tables (10%), figures (10%), draft report (20%), final report (5%). Note: if additional investigations are needed, then the percent complete will need to be adjusted on a site by site basis.							

Attachment 3
Overall (H) Order Percent Complete

Task Name	% of Phase	% of Task	% Complete	% of Activity Complete	% of Task Complete
Identify and Develop Alternatives	15%				0.0%
Update DCC Report		35%	0%	0%	
Establish Corrective Action Objectives		30%	0%	0%	
ID, Screen, Develop CM Alternatives		35%	0%	0%	
Evaluate Alternatives	60%				0.0%
Draft Description of CM Alternative		90%	0%	0%	
Final Description of CM Alternative		10%	0%	0%	
???				0%	
Reports	25%				0.0%
Draft CMS Report		75%	0%	0%	
Final CMS Report		5%	0%	0%	
Quarter 1 Progress Report		5%	0%	0%	
Quarter 2 Progress Report		5%	0%	0%	
Quarter 3 Progress Report		5%	0%	0%	
Quarter 4 Progress Report		5%	0%	0%	
???			0%	0%	
% of Phase Complete					0.0%

Attachment 3
Overall (H) Order Percent Complete

Task Name	% of Phase	% of Task	% Complete	% of Activity Complete	% of Task Complete
Implementation Program Plan	5%				0.0%
Draft Program Management Plan		40%	0%	0%	
Final Program Management Plan		10%	0%	0%	
Draft Update to CRP		40%	0%	0%	
Final Update to CRP		10%	0%	0%	
Corrective Measure Design	15%				0.0%
Draft CMD Report		90%	0%	0%	
Final CMD Report		10%	0%	0%	
Corrective Measure Construction	70%				0%
Draft Construction QAPP		35%	0%	0%	
Final Construction QAPP		5%	0%	0%	
Implementation of Construction QAPP		60%	0%	0%	
Reports	10%				0%
Progress Report 1		25%	0%	0%	
Progress Report 2		25%	0%	0%	
Progress Report 3		25%	0%	0%	
Progress Report 4		25%	0%	0%	
????					
% of Phase Complete					0.00%

ATTACHMENT 4
MARCH 2006 GROUNDWATER RESULTS

Attachment 4
 March 2006
 Off-post Groundwater Preliminary Results

Well ID	Date Sampled	1,1-DCE	Bromo-dichloro-methane	Bromoform	Chloroform	cis-1,2-DCE	Dibromo-chloro-methane	Dichloro-difluoro-methane	Methylene Chloride	Naphthalene	TCE	PCE	Toluene	trans-1,2-DCE	Vinyl Chloride
DOM-2	3/22/2006	--	0.06M	--	--	--	--	--	--	--	--	--	--	--	--
FO-8	3/22/2006	--	0.06M	--	--	--	--	--	--	--	--	--	--	--	--
HS-2	3/23/2006	--	0.06M	--	--	--	--	--	1.15F	--	--	--	--	--	--
I10-2	3/23/2006	--	0.06M	--	--	--	--	--	--	--	--	--	--	--	--
I10-4	3/22/2006	--	0.06M	--	--	--	--	--	1.18F	--	--	--	--	--	--
I10-7	3/20/2006	--	--	--	--	--	--	--	1.10M	0.07M	--	--	--	--	--
JW-14	3/21/2006	--	--	--	--	--	--	--	1.10F	--	--	--	0.14F	--	--
JW-15	3/21/2006	--	--	--	--	--	--	--	1.13F	--	--	--	--	--	--
JW-27	3/21/2006	--	--	--	--	--	--	--	1.10F	--	--	--	--	--	--
JW-28	3/22/2006	--	0.06M	--	--	--	--	--	1.15F	--	--	--	--	--	--
JW-29	3/21/2006	--	--	--	--	--	--	--	1.09M	--	--	--	--	--	--
JW-30	3/22/2006	--	0.06M	--	--	--	--	--	1.13F	--	--	0.16F	--	--	--
JW-5	3/22/2006	--	0.06M	--	--	--	--	--	1.14F	--	--	--	--	--	--
JW-7	3/21/2006	--	--	--	--	--	--	0.15F	1.20F	--	--	0.42F	--	--	--
JW-8	3/23/2006	--	0.06M	--	--	--	--	--	1.12F	--	--	0.32F	--	--	--
JW-8 FD	3/23/2006	--	0.06M	--	--	--	--	--	1.16F	--	--	0.25F	--	--	--
JW-9	3/21/2006	--	--	--	--	--	--	--	1.13F	--	--	--	--	--	--
LS-2	3/23/2006	--	0.06M	--	--	--	--	--	1.17F	--	0.36F	1.35F	--	--	--
LS-2/LS-3 A1	3/23/2006	--	0.06M	--	--	--	--	--	--	--	--	--	--	--	--
LS-2/LS-3 A2	3/23/2006	--	0.06M	--	--	--	--	--	1.11F	--	--	--	--	--	--
LS-3	3/23/2006	--	0.06M	--	--	--	--	--	--	--	0.20F	0.92F	--	--	--
LS-4	3/23/2006	--	0.06M	--	--	--	--	--	1.18F	--	--	--	--	--	--
LS-5	3/20/2006	--	--	--	--	--	--	--	1.13M	0.07M	0.14F	--	--	--	--
LS-6	3/20/2006	--	--	--	--	--	--	--	1.09M	0.07M	0.69F	1.22F	--	--	--
LS-6-A2	3/20/2006	--	--	--	--	--	--	--	1.12M	0.07M	--	--	--	--	--
LS-7	3/20/2006	--	--	--	--	--	--	--	1.12M	0.07M	0.29F	2.74	--	--	--
LS-7-A2	3/20/2006	--	--	--	--	--	--	--	1.10M	0.07M	--	--	--	--	--
OFR-1	3/21/2006	--	--	--	--	--	--	--	--	--	--	0.35F	--	--	--
OFR-2	3/20/2006	--	--	--	--	--	--	--	1.15M	0.07M	--	0.28F	--	--	--
OFR-3	3/22/2006	--	0.06M	--	--	--	--	0.61F	1.15F	--	0.46F	0.35F	--	--	--
OFR-3 FD	3/22/2006	--	0.06M	--	--	--	--	0.66F	1.15F	--	0.52F	0.41F	--	--	--
OFR-3-A2	3/22/2006	--	0.06M	--	--	--	--	--	--	--	--	--	--	--	--
OFR-4 FD	3/21/2006	--	--	--	--	--	--	--	1.14F	--	--	--	--	--	--
RFR-10	3/20/2006	--	--	--	--	0.64F	--	--	1.12M	0.07M	2.76	6.27	--	--	--
RFR-10-A2	3/20/2006	--	--	--	--	--	--	--	1.14M	0.07M	--	--	--	--	--
RFR-10-B2	3/20/2006	--	--	--	--	--	--	--	1.10M	0.07M	--	--	--	--	--
RFR-11	3/20/2006	--	--	--	--	--	--	--	1.08M	0.07M	1.39	0.33F	--	--	--
RFR-11-A2	3/20/2006	--	--	--	--	--	--	--	1.12M	0.07M	--	--	--	--	--
RFR-11-A2 FD	3/20/2006	--	--	--	--	--	--	--	1.10M	0.07M	--	--	--	--	--
RFR-12	3/23/2006	--	0.06M	--	--	--	--	--	1.21F	--	--	--	--	--	--
RFR-13	3/22/2006	--	0.06M	--	--	--	--	--	1.15F	--	--	--	--	--	--
RFR-14	3/23/2006	--	0.06M	--	--	--	--	--	1.19F	--	--	0.20F	--	--	--
RFR-4	3/21/2006	--	--	--	--	--	--	--	1.26F	--	--	--	--	--	--
RFR-5	3/21/2006	--	--	--	--	--	--	--	1.27F	--	--	--	--	--	--
TB-1	3/21/2006	0.12U	0.06U	0.13U	0.06U	0.07U	0.06U	0.11U	1.14F	0.07U	0.05U	0.06U	0.06U	0.08U	0.08U
TB-1	3/23/2006	0.12U	0.06U	0.13U	0.06U	0.07U	0.06U	0.11U	1.10F	0.07U	0.05U	0.06U	0.06U	0.08U	0.08U

BOLD	Value > or = MCL
BOLD	MCL > Value > or = RL
BOLD	RL > Value > MDL
--	Non detect result

Attachment 4
March 2006 On-post Groundwater Preliminary Results

Well ID	Date Sampled	1,1-DCE	Bromo-dichloro-methane	Bromoform	Chloroform	cis-1,2-DCE	Dibromo-chloro-methane	Dichloro-difluoro-methane	Methylene chloride	Naphthalene	PCE	Toluene	trans-1,2-DCE	TCE	Vinyl Chloride
CS-MW1-LGR	3/14/06	--	--	--	--	20	--	--	0.19F	--	12	--	0.62	26	--
CS-MW2-LGR	3/14/06	--	--	--	--	1.8	--	--	0.24F	--	0.32	2.5	--	0.22F	--
CS-MW3-LGR	3/17/06	0.17M	--	--	--	--	--	--	0.25F	0.23M	--	--	--	--	--
CS-MW6-LGR	3/15/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-MW7-LGR	3/15/06	--	--	--	--	--	--	--	--	--	--	--	--	--	--
CS-MW9-LGR	3/17/06	--	--	--	--	--	--	--	--	--	0.20F	--	--	--	--
CS-MW11A-LGR	3/17/06	0.17M	--	--	--	--	--	--	0.22F	0.23M	--	--	--	--	--
CS-MW16-LGR	3/14/06	--	--	--	--	58	--	--	0.21F	--	53	--	1.5	59	--
CS-MW16-CC	3/14/06	0.37F	--	--	--	68*	--	--	--	--	0.86F	160*	23	12	0.33F
CS-MW19-LGR	3/16/06	0.17M	--	--	--	--	--	--	0.35F	0.23M	0.37F	--	--	--	--
CS-MW19-LGR FD	3/16/06	0.17M	--	--	--	--	--	--	0.19F	0.23M	0.33F	--	--	--	--
CS-D	3/16/06	0.17M	--	--	--	52	--	--	0.19F	0.23M	53	--	0.88	49	--
TB-1	3/14/06	0.17U	0.19U	0.20U	0.15U	0.20U	0.19U	0.19U	0.32F	0.23U	0.17U	0.17U	0.16U	0.16U	0.21U
TB-1	3/16/06	0.17U	0.19U	0.20U	0.15U	0.20U	0.19U	0.19U	0.28F	0.23U	0.17U	0.17U	0.16U	0.16U	0.21U

Values are in µg/L

BOLD	Value > or = MCL
BOLD	MCL > Value > or = RL
BOLD	RL > Value > MDL
--	Non detect result

ATTACHMENT 5
SWMU B-3 WESTBAY AND INJECTION WELL SAMPLING
RESULTS

Attachment 5
Summary of SWMU B-3 Westbay Well Results

November 21, 2005 results

WB Interval	PCE	TCE	<i>cis</i>-1,2-DCE	MeCl
WB05-LGR3	136	173	207	16.1
WB05-LGR4A	79.5	120	230	20
WB05-LGR4B	346	362	494	30.8
WB05-BS01	179	249	355	24.8
WB05-CC01	345	347	507	33.4
WB05-CC02	299	329	475	44.5

NOTE: Concentrations reported in micrograms per liter.
PCE = tetrachloroethene, TCE = trichloroethene,
cis-1,2-DCE = *cis*-1,2-dichloroethene, MeCl = methylene chloride

Attachment 5
Summary of SWMU B-3 Westbay Well Results

December 27-29, 2005 Results

WB Interval	PCE	TCE	<i>cis</i>-1,2-DCE	Methane
WB05-LGR3B	38.7	64.7	89.5	ND
WB05-LGR4A	15	32.4	93.8	ND
WB05-LGR4B	168	199	349	ND
WB05-BS01	32.4	49.7	103	1.92 J
WB05-CC01	121	164	317	ND
WB05-CC02	90.2	138	301	3.43
WB06-LGR01	31.1	38.8	56.7	ND
WB06-LGR02	8.39	13.3	224.1	ND
WB06-LGR3A	55.1	78.9	121	1.46 J
WB06-LGR3B	33.9	51.7	94.8	1.97 J
WB06-LGR04	200	185	420	ND
WB07-LGR01	ND	4.12	3.96	ND
WB07-LGR02	2.02	4.65	1.64	ND
WB07-LGR3A	5.5	9.5	15.9	ND
WB07-LGR3B	6.37	10.5	18.4	1.7 J
WB07-LGR04	235	230	467	ND
WB08-LGR01	47.3	80.3	61.6	2.78
WB08-LGR02	13.8	26.8	23.1	ND
WB08-LGR3B	99.2	162	238	ND
WB08-LGR4	27.4	28.9	185	ND

NOTE: Concentrations reported in micrograms per liter.
PCE = tetrachloroethene, TCE = trichloroethene,
cis-1,2-DCE = *cis*-1,2-dichloroethene, MeCl = methylene chloride

Attachment 5
Summary of SWMU B-3 Westbay Well Results

January 24-31, 2006 Results

WB Interval	PCE	TCE	<i>cis</i> -1,2-DCE	TOC ¹	Methane
WB05-LGR3B	45.8	78.3	70.3	1.7	ND
WB05-LGR4A	22.5	54.6	113.0	3.4	1.38 F
WB05-LGR4B	586	562	633	1.2	ND
WB05-BS01	87.7	84	96.8	0.51	2.82
WB05-CC01	130	152	203	ND	ND
WB05-CC02	214	269	350	2.1	10.5
CS B3-MW01 IW	15.0	30.7	58.4	4.6	1.14 F
WB06-LGR02	8.06	12.6	21.0	0.75 F	1.43 F
WB06-LGR3B	134	218	243	3.8	ND
WB06-LGR04	161	148	303	2.0	ND
WB07-LGR02	3.32	7.62	1.61	3.2	ND
WB07-LGR3B	8.68	14.3	21.1	ND	2.32
WB07-LGR04	319	313	484	1.5	2.86
WB08-LGR02	43.6	52.5	31.5	1.1	ND
WB08-LGR3	28.4	47.6	90.6	2.3	ND
WB08-LGR4	51.7	46.3	214	3.1	ND
CS -02	0.885 F	ND	ND	2.0	ND
CS MW16-LGR	47.3	48	46.9	1.1	2.78
CS MW16-CC ²	4.45 F	28.0	67.8	5.0	35.8

NOTE: Concentrations reported in micrograms per liter.
PCE = tetrachloroethene, TCE = trichloroethene,
cis-1,2-DCE = *cis*-1,2-dichloroethene, MeCl = methylene chloride
1 Total organic carbon
2 Toluene detected in MW-16-CC at 133 micrograms per liter.

Attachment 5
Summary of SWMU B-3 Westbay Well Results

WB Interval	PCE	TCE	<i>cis</i>-1,2-DCE	TOC¹	Methane
CS -09	ND	ND	ND	2.5	ND
CS MW01-LGR	10.3	25.2	18.7	ND	ND
CS-MW02-LGR	ND	ND	1.64	4.9	18.7

NOTE: Concentrations reported in micrograms per liter.
PCE = tetrachloroethene, TCE = trichloroethene,
cis-1,2-DCE = *cis*-1,2-dichloroethene, MeCl = methylene chloride
1 Total organic carbon
2 Toluene detected in MW-16-CC at 133 micrograms per liter.

ATTACHMENT 6

AOC-65 SVE SYSTEM SAMPLING RESULTS

Attachment 6
AOC-65 SVE System Sampling Results

Field Screening Results						
	2/17/2006			4/6/2006		
	O ₂ (%)	CO ₂ (%)	TVH (ppm)	O ₂ (%)	CO ₂ (%)	TVH (ppm)
Building 90						
Bldg 90 Intake	NT	NT	NT	20	0.4	2.4
VEW-01	20.5	0.2	21.3	20	0.0	1.3
VEW-02	20.0	0.4	103.0	20	0.0	1.7
VEW-03	20.0	0.2	8.3	NT	NT	NT
VEW-04	20.0	0.5	6.9	NT	NT	NT
VEW-05	20.0	0.2	0.0	NT	NT	NT
VEW-06	19.0	0.5	0.0	NT	NT	NT
VEW-07	19.5	0.5	1.2	NT	NT	NT
VEW-08	19.5	1.8	9.0	19.8	0.0	1.5
VEW-09	20.0	0.8	36.0	20	0.0	1.8
VEW-10	20.0	0.1	19.3	20	0.0	1.4
VEW-11	20.0	1.0	5.2	NT	NT	NT
VEW-12	12.0	5.0	31.2	20	0	1.3
AOC-65						
AOC-65 Intake	18.5	3.0	2.6	18.5	3.0	0.0
VEW-13	18.0	3.0	0.0	NT	NT	NT
VEW-14	19.0	0.8	0.0	NT	NT	NT
VEW-15	17.0	1.8	28.0	20.0	0.6	0.1
VEW-16	18.0	3.0	0.0	NT	NT	NT
VEW-17	18.0	3.0	3.5	18.0	8.2	0.2
VEW-18	18.5	3.0	0.0	NT	NT	NT
VEW-19	17.5	3.0	48.0	18.5	3.0	4.7

NT = Not Tested

March 10, 2006 Sample Results						
	Benzene	PCE (ppmv)	TCE (ppmv)	cis-DCE (ppmv)	MeCl	111 TCA
AOC-65 Intake	--	8990	164	102	--	--
Bldg 90 Intake	--	12700	121	85.3	--	--
VEW01-UGR	--	8950	8.80F	--	6.35F	--
VEW02-UGR	--	12200	9.61F	--	6.41F	--
VEW08-UGR	--	14100	855	648	21.5F	--
VEW09-UGR	--	29400	16.5F	--	--	--
VEW10-UGR	--	29000	129	40.5F	--	--
VEW12-UGR	--	8480	--	0.750U	10.3F	--
VEW15-UGR	--	6230	443	227	6.81F	--
VEW17-UGR	--	4080	108	20.6	5.66F	--
VEW19-UGR	--	6550	267	308	7.83F	--
VMP-03 (11-17)	--	367000	48000	2470	--	--
VMP-05 (36-59)	26.7	41.8	5.53	--	2.05F	--