

APPENDIX B
CHRONOLOGY OF ACTIONS/INVESTIGATIONS

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[1991](#) [1992](#) [1993](#) [1994](#) [1995](#) [1996](#) [1997](#) [1998](#) [1999](#) [2000](#) [2001](#) [2002](#) [2003](#) [2004](#) [2005](#)

[2006](#)

Year	Month	Action/Results	Action Performed By	Project Number
1991	August	<i>Routine testing on August 8 and 9 of CSSA water supply wells 1, 9, 10, 11, and 16 indicated PCE, TCE, and DCE in well 16. The well 16 pump was turned off.</i>	TDH	NA
		<i>Confirmation testing of well 16 on August 23 detected PCE and TCE above MCLs; CSSA took well 16 out of service.</i>	TDH	NA
1991-1992	October - February	<i>Preliminary investigation of CSSA UST sites.</i>	Parsons	Order 37
1991	December	<i>Testing of wells D, 4, and 16 on December 4. PCE, TCE, and DCE were detected in well 16, and DCE in well D.</i>	TWC	NA
1992	March	<i>Required Phase II assessment for 9 UST sites. Required Phase III assessments on 5 UST sites.</i>	TWC	NA
		<i>UST assessments and groundwater monitoring.</i>	Parsons	CSSA PO
	August	<i>Assessment of F-14 greater than 90 day storage area.</i>	Parsons	Order 52
1992-1993	October - May	<i>Preliminary hydrogeologic evaluation: water well inventory, records review, groundwater sampling, downhole camera surveys, preparation of hydrogeologic report.</i>	Parsons	Order 67
	October - September	<i>Environmental Assessment project and report submittal.</i>	Parsons	Order 71
1992	November	<i>Sampled ten wells: well D sampled at top and bottom of water column. PCE and TCE above MCLs in wells 16 and D. General groundwater gradient to southeast.</i>	Parsons	Order 67
1993	March	<i>F-14 assessment report.</i>	Parsons	Order 52
	March - May	<i>Submitted hydrogeologic report, work plan, SAP, and HASP to AL/OEB, CSSA, EPA and TCEQ.</i>	Parsons and CSSA	Order 67
	May	<i>EPA provided comments on groundwater assessment work plan on May 18.</i>	EPA Region VI, Federal Facilities	NA
	June	<i>Compliance order issued for the B-20 site for unpermitted treatment of hazardous waste and failure to have a closure plan.</i>	EPA	NA
	August	<i>On August 16, submitted response to EPA comments on groundwater assessment work plan.</i>	CSSA	NA
	October	<i>Agreed on October 13 to suspend further investigation of groundwater contamination until EPA RCRA Enforcement reviewed investigation plans.</i>	EPA Region VI RCRA Enforcement, and CSSA	NA

Year	Month	Action/Results	Action Performed By	Project Number
1994-1995	NA	Bio-treatment of UST soils.	Soils Remediation Services	Order 37
1994	March	Submitted work plan for B-20 closure/remedial investigation to EPA and TCEQ.	Parsons	Order 126
	May	Performed groundwater monitoring in CSSA water wells. Sampled thirteen wells. Water generally 150 feet bgl. General groundwater gradient to southeast. Analytical results indicated PCE in six well samples. PCE, TCE and cis-1,2-DCE were above MCLs in wells 16 and D.	Parsons	Order 67
	Fall	TCEQ provided comments on B-20 closure plan; gave approval of after CSSA response	Parsons	Order 126
	August	Downhole geophysical logging of wells 2, 16, and D. Obtained depth to Bexar Shale (310 ft bgl in well 2; 314-384 ft bgl in well 16). Water levels about 200 feet bgl.	Parsons	Order 67
		UST removals and assessments of tanks 4,7,13,19,21 on August 25.	Parsons	CSSA PO
	October	Quarterly sampling of groundwater monitoring wells. PCE and TCE above MCLs in wells 16 and D.	Parsons	Order 67
		Continued groundwater monitoring at UST sites.	Parsons	CSSA
	November-December	First phase of closure/remedial investigation conducted at B-20, consisting of sampling and UXO clearing activities.	Parsons	Order 126
	December	Installation of 3 ASTs.	Parsons	CSSA PO
	December	Quarterly sampling of groundwater monitor wells, and three rounds of water level measurements to attempt determination of static levels after CSSA shut off water wells over weekends. PCE and TCE above MCLs in wells 16 and D.	Parsons	Order 67
1995	February-March	Performed geophysical (EM and/or GPR) surveys and drilling and sampling at seven potential groundwater contamination source areas. PCE detected in oxidation pond soil samples. At SWMU B-3, PCE, TCE, DCE, and vinyl chloride found in one grab water sample, as well as PCE, TCE, and DCE in soil samples. Submitted third quarter monitoring report.	Parsons	RL 17
	April	F-14 closure certification report submitted.	Parsons	Order 126
		UST closure reports submitted to TCEQ.	Parsons	Order 126
		Fourth quarter monitoring, and packer test performed in well 16. Packers first installed below Bexar Shale-Cow Creek contact, then within Bexar Shale.	Parsons	Order 67
	May	Conducted EM surveys in open areas within 1 mile around well 16.	Parsons	Order 67

Year	Month	Action/Results	Action Performed By	Project Number
1995 Cont'd	June	Submitted annual 1994-1995 groundwater monitoring report and technical memorandums on geophysical surveys and soil boring investigations at seven potential source areas. Performed groundwater monitoring.	Parsons	Order 67
		Final B-20 RI report submitted. Report recommended additional sampling and UXO clearing activities.	Parsons	Order 126
	June - July	Performed soil-gas surveys in all areas of geophysical anomalies. Found chlorinated volatiles at B-3 and O-1 in significantly higher concentrations than all other sites surveyed.	Parsons	Order 67
	August	Submitted technical memorandum on packer test in well 16. Quarterly groundwater monitoring of CSSA wells. PCE and TCE above MCLs in wells 16 and D. Installation of transducer in well 16 to monitor water levels and weather station near well 16.	Parsons	Order 67
	August-September	Surface geologic mapping across CSSA and analysis of geophysical logs from water wells at and around CSSA. Mapped two distinct fault zones, one near well 16 and one north of well 1.	Parsons	Order 67
	September	Second phase of B-20 RI report initiated. Activities included subsurface soil sampling near three RI borings and surface soil sampling in south-central portion of the site.	Parsons	Order 126
	October	Meeting over groundwater investigation and the B-20 site on October 19 and 20. Discussed work to date, results, and future actions. With regard to groundwater investigation, agreed on future actions to focus on source characterizations.	CSSA EPA TCEQ AFCEE AL/OEB Parsons	Orders 67 and 126
		SWMU closures project initiated.	Parsons	RL17
		Submitted report on geophysical surveys at nine high priority sites. CSSA received concurrence letter from USFWS for planned vegetation clearing activities at B-20.	Parsons	Order 126
	November	Approval of F-14 closure certification.	TCEQ	NA
	November-December	Additional mapping and soil-gas surveys at O-1, B-3, and areas around well 16.	Parsons	Order 67
December	Quarterly groundwater sampling of CSSA wells and four offsite wells for chlorinated volatiles and metals. PCE and TCE detected above MCLs in wells 16 and D. Upgrade of well 11.	Parsons	Order 67	
1996	December-March	Conducted field activities to locate UXO at B-20 and in surrounding areas. Subsurface magnetic anomalies in craters and the northern portion of the site were excavated and removed. The UXO identification activities at B-20 continued until March 1996.	Parsons	Order 126

Year	Month	Action/Results	Action Performed By	Project Number
	January	<i>Ground penetrating radar surveys around CSSA by Dr. Young, geophysical consultant. Seismic reflection survey from well 16 southeast to well 1 by Blackhawk Geosciences. Volatilization study at O-1 by AL/OEB and Parsons. Resampling of CSSA wells and one offsite well for metals. Survey of seismic points conducted by Macias.</i>	Parsons AL/OEB Charles Young, Blackhawk Geosciences and Macias and Associates	Order 67
1996 Cont'd		<i>On January 31, all UXO found at B-20 (365 items) were detonated on site after receiving approval from TCEQ on January 29, 1996.</i>	Parsons UXB	Order 126
	February	<i>Submitted December 1995 quarterly groundwater monitoring report, work plan for SVE testing, work plan for Lower Glen Rose well installation, and geophysical subcontractor reports. Conducted groundwater monitoring. Installed initial SVE pilot test wells at B-3.</i>	Parsons	Order 67
1996 (cont.)	February (cont.)	<i>Submitted to TCEQ notice of intent to investigate and close 19 SWMUs</i>	CSSA	NA
		<i>Gave approval for project plans</i>	AFCEE	RL17
		<i>Gave verbal approval of plans and background metals study work plan.</i>	TCEQ	RL17
	February-April	<i>Field Effort 1 activities (mapping, surface soil sampling, and geophysical surveys) conducted.</i>	Parsons	RL17
	March	<i>Conducted SVE pilot test at B-3.</i>	Parsons	RL17
	April	<i>Drilled, installed, developed, and sampled two Glen Rose monitoring wells. TCE was above MCL in both wells and PCE was slightly above MCL in MW1.</i>	Parsons Geoprojects	Order 67
	March-April	<i>Surveyed wells 1, 2, 3, 4, 11, 16, and D (upgraded wells) and monitoring wells MW1 and MW2; installed three GPS control points for all additional survey work.</i>	Macias and Associates	Order 67
	May	<i>UXO items identified since 31 January 96 (447 items) were detonated at B-20.</i>	Parsons UXB	Order 126
	June	<i>Submittal of comprehensive groundwater investigation report and associated source characterizations at O-1 and B-3.</i>	Parsons	Order 67
		<i>Submitted background metals study to regulatory agencies.</i>	Parsons	Order 126
	July	<i>Initiated order 23 to continue CSSA groundwater monitoring and well upgrades/installations.</i>	AFCEE	Order 23
	September	<i>SVE system operated at B-3.</i>	Parsons	Order 67
	August-September	<i>Field Effort 2 activities (surface soil sampling, soil borings, and soil gas surveys) conducted between August 16 and September 6.</i>	Parsons	RL17
October	<i>Initiated B-20 site investigation and GIS project. Project also addresses other potential UXO sites.</i>	Parsons	RL33	

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		<i>Requested extension of SWMU closure reports on October 29 until background metal levels reviewed.</i>	AFCEE	RL17
	November	<i>Purchase of low-flow QED portable pump system.</i>	CSSA	NA
1997	January	<i>Conducted groundwater monitoring using low-flow QED system (first of five events under order 23)</i>	Parsons	Order 23
1997 (cont.)	January	<i>Delisting request for SWMU B-14 submitted</i>	CSSA, Parsons	
	May	<i>Conducted downhole camera surveys in wells 1 and 11, followed by upgrades using carbon dioxide treatment, installation of new casing in well 1, and installation of new pumps (CSSA purchase) and piping in both.</i>	Parsons ECO2 Solutions	Order 23
		<i>Additional Field Effort 2 activities for resampling soil borings conducted.</i>	Parsons	RL17
	June	<i>Submitted final 1st quarter groundwater monitoring report.</i>	Parsons	Order 23
	July	<i>Final Revised Background Metals Levels in Soils Study submitted to TCEQ and EPA Region 6 on July 18.</i>	Parsons	RL17
	July- August	<i>Electrokinetics treatability study conducted at O-1 (benchscale and pilot test)</i>	Parsons Lynntech	RL17
	September	<i>Initiated SWMU B-9, B-10, Bldg 43, and I-1 closure project</i>	Parsons	RL53
	September- November	<i>Field test of electrokinetics at O-1.</i>	Parson ES Lynntech	RL17
	October	<i>Kickoff meeting for RL 53 and discussion of CSSA waste issues.</i>	CSSA AFCEE EPA TCEQ Parsons	RL53
		<i>Conducted 2nd quarter of groundwater monitoring</i>	Parsons	Order 23
	November	<i>Submitted draft work plan, HASP, FSP addenda</i>	Parsons	RL53
		<i>Conducted downhole camera survey and well upgrade of well 9 using carbon dioxide treatments</i>	Parsons ECO ₂ Solutions	Order 23
1998	January	<i>CSSA disclosed improper manipulations of VOC data by ITS Laboratory to clients and regulatory agencies. Work on reports for these 3 projects has been held up while resolutions to the data issues are worked on.</i>	ITS	RL17 RL33 DO23
	February- April	<i>Conducted phytoremediation scale treatability study using B-20 soils.</i>	Parsons, Phytotech	RL33
	June	<i>Submittal of draft well upgrade report.</i>	Parsons	Order 23
	July	<i>Held conference for labs, contractors and agencies on analytical procedures, protocols, and various issues regarding work under the AFCEE QAPP.</i>	AFCEE	NA

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1998 cont'd		<i>Data review visit to ITS lab on July 15 and 16. Decision was to review MDL studies prior to processing any CSSA data.</i>	Parsons AFCEE CSSA	RL17 RL33 DO23
	August- November	<i>Reviewed ITS reprocessed MDL studies for CSSA data (VOCs, SVOCs, explosives, metals). Submitted report.</i>	Parsons	RL17 RL33 DO23
	December	<i>Submitted draft report on electrokinetics treatability study at O-1.</i>	Parsons	RL17
1999	January	<i>Submitted air exemption report to TCEQ for work at B-3 SVE system.</i>	Parsons CSSA	RL17
	April	<i>EPA memorandum indicated analytical results obtained from ITS are not usable.</i>	EPA	NA
	May 5	<i>EPA and CSSA sign 3008(H) Administrative Order.</i>	EPA CSSA	NA
	July 26- August 10	<i>Conduct geophysical surveys at AOCs 47, 48, 56, 58, and 61.</i>	Parsons	RL83
	July 30	<i>Description of Current Conditions Report, the first Quarterly Progress Report, and CSSA's Environmental Encyclopedia submitted to EPA and TCEQ.</i>	Parsons	RL74 RL83
	September 1	<i>RFI Work Plan, IM Work Plan, and Community Relations Plan submitted to EPA and TCEQ</i>	Parsons	RL74
	September 7-14	<i>Conducted groundwater monitoring (fourth of five events under DO23).</i>	Parsons O'B&G	DO23
	November 29 – December	<i>Conducted geophysical surveys at AOCs 35, 42, 43, and SWMU B-9, and soil gas surveys at AOC 66</i>	Parsons	DO5068
	November 1 – 12	<i>Conducted rework background sampling, additional Glen Rose formation sampling, and sampling at SWMU O-1.</i>	Parsons, APPL (background) O'B&G (O-1)	RL74 RL53 Rework
	November 10	<i>Submitted second Quarterly Progress Report.</i>	Parsons	RL83
	December 13 – 17	<i>Conducted groundwater monitoring (last of five events under DO23).</i>	Parsons O'B&G	DO23
	December 15 – 16	<i>Conducted site visit for Risk Assessment conceptual site model</i>	Parsons AFCEE, EPA, CSSA	RL83
	December	<i>Conducted soil gas surveys at AOCs 37, 41, and 66.</i>	Parsons	DO5068
2000	January 5	<i>Submitted RFI rework Work Plan to EPA</i>	CSSA, Parsons	Rework

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2000 Cont'd	January 6	EPA commented on RFI, Work Plan, IM Work Plan, Community Relations Plan, and Description of Current Conditions Report.	EPA	NA
	January 12	EPA approved explosives variances.	EPA	NA
	January 13	CSSA responded to TCEQ regarding water system inspection.	CSSA	NA
	January	Collected 89 surface soil samples at AOC 36 (SS1-10), AOC 38 (SS1-60), AOC 39 (SS1-5), AOC 40 (SS1-5), AOC 56 (SS1-3), AOC 58 (SS1-3), and AOC 61 (SS1-3).	Parsons, O'B&G, APPL	RL83, DO5068
	January	Initiated SVE operations and maintenance at SWMU B-3.	Parsons	RL83
	February 3	Teaming Meeting held at Parsons-Austin office.	EPA, CSSA, AFCEE, WPI, Parsons	RL83
	February 9	TCEQ approved explosives variances.	TCEQ	NA
	February 24	CSSA notified TCEQ of TCE and PCE action level exceedances in CSSA Well 1 and an offsite well, respectively.	CSSA	NA
	February 24	CSSA Commander notified CSSA employees of TCE action level exceedance in CSSA Well 1.	CSSA	NA
	February 25	Responses to EPA comments on RFI Work Plan, IM Work Plan, CRP and Description of Current Conditions Report formally submitted to EPA. Responses were also provided during February 3 teaming meeting noted above.	CSSA, Parsons	RL83
	February	Conducted investigation at SWMU B-11, drilling and sampling 5 borings (SB1-5).	Parsons, JEDI, APPL, DataChem	RL53
	February-March	Conducted investigation at SWMU Building 43, drilling and sampling 6 borings (SB1-6).	Parsons, JEDI, APPL, DataChem	RL53
	March 20-22	Conducted on-post groundwater monitoring and one off post well (LS-7).	Parsons, O'B&G	RL74
	March	Re-work drilling activities conducted at SWMU B-20.	Parsons, JEDI, APPL	Rework
	March - April	Conducted initial and rework soil boring and surface soil sampling activities at the following sites: SWMUs B-5 (SS1-3), B-6 (SS1-3), B-7 (SS1-3), B-8 (SS1-3, SB1-3), B-9 (SB1-3), B-12 (SB1-4), B-13 (SB1-4), B-15/16 (SB1-9), B-19 (SB4-6), B-22 (SS1-5), B-23 (SB1-3), B-24 (SB1-5), B-25 (SB1-3, SS1-3), B-26 (SB1-3, SS1-3), B-27 (SB1-3, SS1-3), B-29 (SB1-6, SS1-3), and B-30 (SB1-3, SS1-3), B-1 (SB4-6), B-20/21 (SB1-8), B-3 (VEW7-18).	Parsons, JEDI, APPL, DataChem, O'B&G	RL33, RL53, RL83, Rework
	April 18	After receiving EPA's verbal approval, submitted notice that third and fourth Quarterly Progress Reports would be combined.	CSSA	NA
	April	Conducted additional drilling at SWMU O-1 to delineate extent of contaminated soils requiring disposal.	Parsons, JEDI, O'B&G	RL74

Year	Month	Action/Results	Action Performed By	Project Number
2000 cont'd	April	Collected surface soil samples at SWMU B-10 and I-1.	Parsons	RL53
	April	Collected two soil samples beneath vat location at AOC 65. Additional sampling conducted by CSSA including a soil boring adjacent to the drainage way at Building 90.	CSSA, Parsons	DO 5068
	May 10	Submitted third and fourth Quarterly Progress Reports to EPA.	CSSA, Parsons	RL83
	May 30	Teleconference regarding cluster well construction specifications and locations.	EPA, CSSA, AFCEE, Parsons, WPI, Informatics	RL83
	May – August	Conducted excavation of contaminated soils at SWMU O-1. 1,515 tons of soils disposed at an off-post landfill.	CSSA, Parsons	RL74
	May - July	Collected characterization samples at SWMUs B-8, B-20, B-24, B-28 and DD for disposition of soils.	CSSA, Parsons	RL83
	June	Quarterly groundwater monitoring of on-post wells conducted, including one off-post well (LS-7).	CSSA, Parsons	DO23
	August	Submitted fifth Quarterly Progress Report to the EPA.	CSSA, Parsons	RL83
	September	Quarterly on post groundwater monitoring and one off-post well (LS-7) conducted.	CSSA, Parsons	DO23, RL74, RL83
	October	Partial SWMU O-1 facility closure report documenting interim measures submitted to EPA and TCEQ.	CSSA, Parsons	RL74
	August	Final soil gas survey reports for AOCs 37, 41 and 66 submitted.	Parsons	DO 5068
	August-November	Excavation and waste removal work conducted at SWMU B-10. Approximately 4,500 yd ³ and 1,500 tons of waste metal removed to off-post disposal.	Parsons	RL53
	September	Sample collected from AOC 50, nickel penetrate waste stream.	Parsons	DO 5068
	November	Final March 2000 Quarterly Groundwater Monitoring Report and Quarterly Informal Technical Data Information Report submitted	CSSA, Parsons	RL74
	November	Submitted sixth Quarterly Progress Report to EPA	CSSA, Parsons	RL83
	November	Began monitor well installations for the MW9 well cluster.	Parsons, Geoprojects	RL83
	December	Conducted on-post quarterly groundwater monitoring and sampled one off-post well (LS-7).	CSSA, Parsons	DO23
	December	Geophysical survey conducted at AOC 50 using EM and GPR technologies.	Parsons	DO 5068
2001	February	Submitted seventh Quarterly Progress Report to EPA.	CSSA, Parsons	RL83

Year	Month	Action/Results	Action Performed By	Project Number
2001 cont'd	February	<i>Submitted the Introduction to the Quarterly Groundwater Monitoring Program at CSSA.</i>	CSSA, Parsons	RL83
	March	<i>Initiated excavation activities at AOC 50.</i>	Parsons, Eagle	DO 5068
	March	<i>Conducted quarterly groundwater monitoring of on-post wells and one off-post well (LS-7).</i>	Parsons, APPL	DO23, RL74, RL83
	April	<i>Final June 2000 and September 2000 Quarterly Groundwater Monitoring Reports submitted.</i>	CSSA, Parsons	RL74
	February – April	<i>Installation of MW6 well cluster.</i>	Parsons, Geoprojects	RL83
	May	<i>Submitted eighth Quarterly Progress Report to EPA.</i>	CSSA, Parsons	RL83
	May	<i>CSSA on-post GAC treatment system brought online to treat MW8 groundwater.</i>	CSSA, Parsons	RL74
	June	<i>Quarterly monitoring of on-post wells and one off-post well (LS-7) conducted.</i>	Parsons, APPL	DO 5084
	May – July	<i>Installation of MW7 and MW8 well clusters.</i>	Parsons, Geoprojects	RL83
	July	<i>Final December 2000 Quarterly Groundwater Monitoring Report submitted.</i>	CSSA, Parsons	RL74
	July	<i>Final March 2001 Quarterly Groundwater Monitoring Report submitted.</i>	CSSA, Parsons	RL74
	July	<i>Off post Monitoring Response Plan submitted.</i>	CSSA	NA
	May – July	<i>Seventeen soil borings completed at Building 90 for subsurface soil sampling and monitoring wells AOC65-MW1, AOC65-MW2A, AOC65-MW2B, AOC65-MW3, AOC65-MW4, and AOC65-MW5 installed.</i>	Parsons	DO 5084
	August	<i>Submitted ninth Quarterly Progress Report to EPA.</i>	CSSA, Parsons	DO 5084
	August	<i>Final Water Well Survey Report for off-post public and private water wells submitted.</i>	Parsons	RL83
	August	<i>Installation of MW10-LGR and MW10-CC.</i>	Parsons, Geoprojects	RL83
	August	<i>Fact Sheets 1 and 2 distributed to the CSSA mailing list.</i>	CSSA, USACE, Parsons	NA
	August	<i>GAC treatment systems installed on off-post private water supply wells LS-6 and LS-7.</i>	CSSA, Carbonair, Parsons	NA
	September	<i>Quarterly groundwater monitoring of on-post and first event of off-post monitoring conducted.</i>	Parsons, APPL	DO 5084

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2001 cont'd	October	<i>Fact Sheets 3 and 4 distributed to the CSSA mailing list and available to the public at the public meetings.</i>	CSSA, Parsons, USACE	DO 5084
	October 1 and 4	<i>Public meetings conducted at Leon Springs Elementary and Fair Oaks Ranch Elementary schools, public notices provided to the public through newspaper notices and post-card mailouts to the CSSA mailing list.</i>	CSSA, USACE, Parsons	DO 5084
	October	<i>GAC treatment systems installed at off-post private water supply wells RFR-10 and RFR-11.</i>	CSSA, Carbonair, Parsons	NA
	November	<i>Monthly sampling of specific off-post wells conducted according to the Off-post Monitoring Response Plan.</i>	Parsons, APPL	RL83
	November 26 – 29	<i>Laboratory audit of STL conducted in Denver, CO</i>	Parsons, CSSA, AFCEE	TO 42
	December	<i>Quarterly groundwater monitoring of on-post and off-post wells conducted.</i>	Parsons, APPL	DO 5084
2002	December	<i>Final June 2001 On-post Quarterly Groundwater Monitoring Report submitted</i>	CSSA, Parsons	DO 5084
	January	<i>Monthly sampling of specific off-post wells conducted according to the Off-post Monitoring Response Plan.</i>	Parsons, APPL	RL83
	November 2001 to January	<i>Geophysical surveys conducted at AOC 65 and Building 90.</i>	Parsons	TO 58
	January	<i>Submittal of eleventh Quarterly Progress Report to the EPA.</i>	CSSA, Parsons	DO 5084
	February	<i>Final September 2001 Off-post Quarterly Groundwater Monitoring Report submitted</i>	CSSA, Parsons	DO 5084
	February	<i>Submittal of Second Revision to the Evaluation of Background Metals Concentrations in Soils and Bedrock.</i>	CSSA, Parsons	RL17
	February	<i>Monthly sampling of specific off-post wells conducted according to the Off-post Monitoring Response Plan</i>	Parsons, APPL	RL83
	February	<i>Fact Sheet 5 distributed to the residents on the CSSA mailing list.</i>	CSSA	NA
	February 25 – 28	<i>Laboratory audit of APPL, Inc., conducted.</i>	CSSA, AFCEE, Parsons	DO 5084
	March	<i>Final September 2001 On-post Quarterly Groundwater Monitoring Report submitted.</i>	CSSA, Parsons	DO 5084
March	<i>Quarterly groundwater monitoring of on-post and off-post wells conducted.</i>	CSSA, Parsons	DO 5084, TO 42	
March	<i>Monthly sampling of specific off-post wells conducted according to the Off-post Monitoring Response Plan</i>	Parsons, APPL	RL83	

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2002 cont'd	April	Monthly sampling of specific off-post wells conducted according to the Off-post Monitoring Response Plan	Parsons, APPL	RL83
	April	GAC filtration system installed on off-post public water supply wells LS-2 and LS-3 and off-post private water supply well OFR-3.	CSSA, Carbonair, Parsons	NA
	April	Five surface soil samples collected from RMU 1 and analyzed for TCLP metals.	Parsons	
	April	Fact Sheet 6 distributed to the CSSA mailing list.	CSSA	NA
	April	TCEQ issued approval letter for the Second Revised Evaluation of Background Metals Concentrations in Soils and Bedrock	TCEQ	NA
	April	Submittal of SWMU B-28 RFI Report	CSSA, Parsons	RL83
	April	TCEQ approval of partial facility closure for SWMU O-1 issued.	TCEQ	NA
	May	Final RCRA Facility Investigation Reports submitted for SWMU B-8, SWMU B-28 and AOC 38.	CSSA, Parsons	RL33, DO 5068
	May	Final December 2001 On-Post Quarterly Groundwater Monitoring Report submitted.	CSSA, Parsons	DO 5084
	May	Final December 2001 Off-Post Quarterly Groundwater Monitoring Report submitted.	CSSA, Parsons	DO 5084
	May	Final twelfth Quarterly Progress Report submitted to the EPA.	CSSA, Parsons	DO 5084
	May	Final Environmental Cleanup Plan for AOC 65 submitted.	CSSA, Parsons	TO 58
	May	Final AOC 65 Treatability Test Plan submitted.	CSSA, Parsons	TO 58
	May	Revised Introduction to the Quarterly Groundwater Monitoring Program at CSSA submitted.	CSSA, Parsons	DO 5084
	June	Quarterly groundwater monitoring of on-post wells and off-post wells conducted.	CSSA, Parsons	DO 5084, TO 42
	June	Final RCRA Facility Investigation Reports submitted for SWMUs B-2, B-4, B-13, B-19, B-23 and B-24 and AOCs 36, 39, 40, 47 and 48. Closure was requested for B-19, AOC 36, AOC 39, AOC 40 and AOC 47.	CSSA, Parsons	RL17, RL33, RL83 and AETC
	June - July	Well upgrades of CS-9, CS-10, CS-11, CS-G, CS-H, and CS-MW1-LGR, CS-MW2-LGR, and CS-MW16-LGR conducted.	CSSA, Parsons, Geoprojects	TO 42
	July	Final March 2002 On-Post Quarterly Groundwater Monitoring Report submitted.	CSSA, Parsons	TO 42
	July	Final March 2002 Off-Post Quarterly Groundwater Monitoring Report submitted.	CSSA, Parsons	DO 5084

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2002 Cont'd	July	Final RCRA Facility Investigation Reports submitted for SWMUs B-5, B-6, B-7, B-12, B-20/21, and B-25. Closure was requested for B-5, B-6, and B-7.	CSSA, Parsons	RL17, RL33, RL83 and AETC
	August	Final RCRA Facility Investigation Reports submitted for SWMUs B-1, B-11, B-22, B-26, B-27, B-29, B-30, B-31 B-32, B-33 and B-34 and AOC 67. Closure was requested for B-1, B-22, B-31 and B-32.	CSSA, Parsons	RL17, RL33, RL83 and AETC
	August	Submittal of thirteenth Quarterly Progress Report to the EPA.	CSSA, Parsons	5084
	August	TCEQ approval of partial facility closure for AOC 36 issued	TCEQ	NA
	August	TCEQ approval of partial facility closure for AOC 40 issued	TCEQ	NA
	September	Surface samples collected for Bldg 40	CSSA, Parsons	RL83
	September	TCEQ approval of partial facility closure for AOC 39, AOC 47, and SWMU B-19 issued	TCEQ	NA
	September	Fact Sheet 8 and 9 distributed to the residents on the CSSA mailing list.	CSSA, Parsons	
	September	Quarterly groundwater monitoring of on-post wells and off-post wells conducted.	CSSA, Parsons	
	September	Submittal of RCRA Facility Investigation Closure Report for SWMU B-9	CSSA, Parsons	
	October	Performed EM geophysical survey and took surface soil samples at AOC 55	CSSA, Parsons	
	October	TCEQ approval of partial facility closure for SWMU B-5, SWMU B-6, and SWMU B-7 issued	TCEQ	NA
	October	Submittal of RFI Report for SWMU B-15/16, Submittal of RFI Report for AOC 42, AOC 43, AOC 58, and AOC 61	CSSA, Parsons	RL17, DO 5068
	October	Fact Sheet 10 distributed to the residents on the CSSA mailing list	CSSA, Parsons	
	November	TCEQ approval of partial facility closure for SWMU B-1 and SWMU B-31	TCEQ	NA
	December	TCEQ approval of partial facility closure for SWMU B-22	TCEQ	NA
	December	Fact Sheet 11 distributed to the residents on the CSSA mailing list	CSSA, Parsons	
	December	Quarterly groundwater monitoring of on-post wells and off-post wells conducted	CSSA, Parsons	
2003	January	Submittal of Delisting request for Coal Bins	CSSA, Parsons	RL17

Year	Month	Action/Results	Action Performed By	Project Number
2003 Cont'd	February	<i>TCEQ approval of partial facility closure for AOC 35, AOC 43, and AOC 61</i>	TCEQ	NA
	February	<i>Fact Sheet 12 and 13 distributed to the residents on the CSSA mailing list</i>	CSSA, Parsons	
	February	<i>Surface soil sampling (SW samples), investigations, and UXO/scrap metal remediation performed at AOC 55</i>	CSSA, Parsons	
	February	<i>Submittal of I-1 RFI Report</i>	CSSA, Parsons	RL 53
	March	<i>TCEQ approval of partial facility closure for SWMU B-9</i>	TCEQ	NA
	March	<i>Thirty surface soil samples taken at SWMU B-8</i>	CSSA, Parsons	
	May	<i>Fact Sheet 14 distributed to the residents on the CSSA mailing list</i>	CSSA, Parsons	
	June	<i>Quarterly groundwater monitoring of on-post wells and off-post wells conducted</i>	CSSA, Parsons	
	June	<i>Additional investigation performed at Bldg 40</i>	CSSA, Parsons	
	June	<i>Submittal of SWMU B-10 RFI Closure Report</i>	CSSA, Parsons	RL53
	September	<i>Quarterly groundwater monitoring of on-post wells and off-post wells conducted</i>	CSSA, Parsons	TO 08
	September	<i>Fact Sheet 15 distributed to the residents on the CSSA mailing list</i>	CSSA, Parsons	TO 08
	September	<i>UXO/scrap metal remediation performed at SWMU B-2 and SWMU B-8</i>	CSSA, Parsons	
	November	<i>Additional investigation at SWMU B-11 (soil samples)</i>	CSSA, Parsons	
	November	<i>EM geophysical survey performed at SWMU B-26</i>	CSSA, Parsons	
	November	<i>TCEQ approval of partial facility closure for SWMU B-32</i>	TCEQ	NA
	November	<i>12 surface soil samples taken at AOC 55</i>	CSSA, Parsons	
	December	<i>Remediation of scrap metal/UXO and contaminants at SWMU B-11</i>	CSSA, Parsons	
	December	<i>Surface sampling at SWMU B-23A and AOC 55</i>	CSSA, Parsons	
	December	<i>Soil sampling at SWMU B-25, AOC 54, and DD sites</i>	CSSA, Parsons	
December	<i>Quarterly groundwater monitoring of on-post wells and off-post wells conducted</i>	CSSA, Parsons	TO 08	

Year	Month	Action/Results	Action Performed By	Project Number
2003 cont'd	December	<i>Submittal of SWMU B-8 RFI Report recommending additional efforts</i>	CSSA, Parsons	RL83 RL17
2004	January	<i>Soil samples collected at SWMU B-2, SWMU B-30, and AOC 50</i>	CSSA, Parsons	TO 19
	January	<i>TCEQ approval of partial facility closure for SWMU B-10, Bldg 40</i>	TCEQ	NA
	January	<i>Excavation and additional samples collected at SWMU B-24</i>	CSSA, Parsons	TO 19
	January	<i>Fact Sheet 16 distributed to the residents on the CSSA mailing list</i>	CSSA, Parsons	TO 08
	February	<i>Soil samples collected at SWMU B-11, SWMU B-12, SWMU B-23, SWMU B-25, SWMU B-34, AOC 50, and AOC 56</i>	CSSA, Parsons	TO 19
	February	<i>Final RFI/Closure Report for AOC 55</i>	CSSA, Parsons	TO 19
	March	<i>Fact Sheet 17 distributed to the residents on the CSSA mailing list</i>	CSSA, Parsons	TO 08
	March	<i>Quarterly groundwater monitoring of on-post wells and off-post wells conducted</i>	CSSA, Parsons	TO 08
	March,	<i>Soil samples collected at SWMU B-29, SWMU B-33, DD site, AOC 50, AOC 54, AOC 67,</i>	CSSA, Parsons	TO 19
	April	<i>Soil samples collected at AOC 50, AOC 67</i>	CSSA, Parsons	TO 19
	May	<i>Soil samples collected at SWMU B-2, SWMU B-12, SWMU B-23, SWMU B-30, DD, and AOC 67</i>	CSSA, Parsons	TO 19
	June	<i>Quarterly Groundwater Monitoring conducted on- and off-post</i>	Parsons	TO 08
	June	<i>Soil samples collected at SWMU B-29</i>	CSSA, Parsons	TO 19
	June	<i>Final RFI/Closure Report for SWMU B-11</i>	CSSA, Parsons	TO 19
	June	<i>Final Closure Report for AOC 37, AOC 56 and AOC 66</i>	CSSA, Parsons	TO 19
	June	<i>Fact Sheet 19 distributed to the residents on the CSSA mailing list</i>	CSSA, Parsons	TO 08
	July	<i>Soil samples collected at Bldg 43</i>	CSSA, Parsons	TO 19
	July	<i>Final Closure Report for AOC 54</i>	CSSA, Parsons	TO 19
August	<i>Final Delisting Report for SWMU B-26</i>	CSSA, Parsons	TO 19	

Year	Month	Action/Results	Action Performed By	Project Number	
2004 cont'd	August	<i>Final RFI Report/Delisting Report for AOC 48</i>	CSSA, Parsons	TO 19	
	September	<i>Quarterly Groundwater Monitoring conducted on- and off-post</i>	Parsons	TO 08	
	September	<i>Final RFI Report for SWMU B-23A, SWMU B-30, SWMU B-33, AOC 38</i>	CSSA, Parsons	TO 19	
	September	<i>TCEQ approval of partial facility closure for SWMU B-11 and AOC 56</i>	TCEQ	NA	
	November	<i>TCEQ approval of partial facility closure for SWMU B-26, SWMU B-33, AOC 48 and AOC 54</i>	TCEQ	NA	
2005	November	<i>Fact Sheet 20 distributed to the residents on the CSSA mailing list</i>	CSSA, Parsons	TO 08	
	January	<i>TCEQ approval of partial facility closure for AOC 37</i>	TCEQ	NA	
	February	<i>Submittal of RFI Closure Report for AOC 50</i>	CSSA, Parsons	TO 19	
	February	<i>Surface soil samples collected at SWMU B-2</i>	CSSA, Parsons	TO 19	
	February	<i>TCEQ approval of partial facility closure for SWMU B-30, AOC 38, and AOC 66</i>	TCEQ	NA	
	March	<i>Quarterly Groundwater Sampling conducted on- and off-post</i>	Parsons	TO 08	
	March	<i>TCEQ approval of partial facility closure for SWMU B-23A</i>	TCEQ	NA	
	March	<i>Fact Sheet 21 distributed to the residents on the CSSA mailing list</i>	CSSA, Parsons	TO 08	
	March	<i>Submittal of RFI Report for SWMU B-3</i>	CSSA, Parsons	TO 19	
	March	<i>Submittal of RFI Closure Report for SWMU B-2</i>	CSSA, Parsons	TO 19	
	April	<i>Submittal of RFI Closure Report for SWMU B-12, B-23, B-25, B-29, Bldg 43, AOC 41 (no further action) AOC 44 (Delisting), AOC 46, AOC 49 (Delisting), AOC 53, and AOC 60 (Delisting)</i>	CSSA, Parsons	TO 19	
	April	<i>TCEQ Approval of Closure for SWMU Demo Dud and AOC 50</i>	TCEQ	NA	
	June	<i>Fact Sheet 22 distributed to residents on the CSSA mailing list</i>	CSSA, Parsons	TO 08	
	2006	March	<i>Fact Sheet 23 distributed to residents on the CSSA mailing list</i>	CSSA, Parsons	TO 08
		March	<i>Fact Sheet 24 distributed to residents on the CSSA mailing list</i>	CSSA, Parsons	TO 08
March		<i>Fact Sheet 25 distributed to residents on the CSSA mailing list</i>	CSSA, Parsons	TO 08	

Year	Month	Action/Results	Action Performed By	Project Number
2006 cont'd	March	<i>Fact Sheet 26 distributed to residents on the CSSA mailing list</i>	CSSA Parsons	TO 08