Appendix E
Groundwater Screening Samples Obtained by Bailers
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	CS-MW7			CS-MW8			CS-MW9-CC			CS-MW9-CC			CS-MW10-CC			CS-MW4			CS-MW6		
Sample Date	02/14/01			04/12/01			11/19/00			11/20/00			08/24/01			02/06/01			02/20/01		
Matrix	WG			WG			WG			WG			WG			WG			WG		
Sample Type	N			N			N			N			N			N			N		
Beginning Depth	63						20			110			205						218		
End Depth	116						21			111			411								
Lab Sample ID	C2180-1			C2492-1			AP99479			AP99480			0108124-01A			C2138-1			C2227-1		
Dilution	1			1			1			1			1			1			1		
	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
SW8260 (UG/L)																					
Acetone													12	U	50						
Benzene							0.3	F	0.8	0.52	F	0.8									
Bromobenzene							0.12	U	0.6	0.12	U	0.6									
Bromochloromethane							0.46	U	0.8	0.46	U	0.8									
Bromodichloromethane	1	U	1	5	U	5	0.22	U	1.6	0.22	U	1.6					U	1	1	U	1
Bromoform							0.28	U	2.4	0.28	U	2.4									
Bromomethane							0.72	U	2.2	0.72	U	2.2									
Butanone, 2-													12	U	25						
Butylbenzene, N-							0.24	U	2.2	0.24	U	2.2									
Butylbenzene, sec-							0.18	U	2.6	0.18	U	2.6									
Butylbenzene, tert-							0.18	U	2.8	0.18	U	2.8									
Carbon tetrachloride				5	U	5	0.22	U	4.2	0.22	U	4.2									
Chlorobenzene							0.14	U	0.8	0.14	U	0.8									
Chlorodibromomethane	1	U	1	5	U	5											U	1	1	U	1
Chloroethane							0.62	U	2	0.62	U	2									
Chloroform	1	U	1	5	U	5	0.3	U	0.6	0.3	U	0.6					U	1	1	U	1
Chlorohexane, 1-							0.28	U	1.2	0.84	F	1.2									
Chloromethane							0.36	U	2.6	0.36	U	2.6									
Chlorotoluene, 2-							0.16	U	0.8	0.16	U	0.8									
Chlorotoluene, 4-							0.2	U	1.2	0.2	U	1.2									
Dibromo-3-chloropropane, 1,2-							1.28	U	5.2	1.28	U	5.2									
Dibromochloromethane							0.3	U	1	0.3	U	1									
Dibromomethane							0.52	U	4.8	0.52	U	4.8									
Dichlorobenzene, 1,2-							0.12	U	0.6	0.12	U	0.6									
Dichlorobenzene, 1,3-							0.18	U	2.4	0.18	U	2.4									
Dichlorobenzene, 1,4-							0.18	U	0.6	0.18	U	0.6									
Dichlorodifluoromethane							0.76	U	2	0.76	U	2									
Dichloroethane, 1,1-							0.42	U	0.8	0.42	U	0.8									
Dichloroethane, 1,2-							0.4	U	1.2	0.4	U	1.2									
Dichloroethene, 1,1-	1	U	1	5	U	5	0.46	U	2.4	0.46	U	2.4					U	1	1	U	1
Dichloroethene, cis-1,2-	1	U	1	5	U	5	0.5	U	2.4	0.5	U	2.4	0.2	U	1		U	1	1	U	1
Dichloroethene, trans-1,2-	1	U	1	5	U	5	0.52	U	1.2	0.52	U	1.2	0.2	U	1		U	1	1	U	1
Dichloropropane, 1,2-							0.44	U	0.8	0.44	U	0.8									
Dichloropropane, 1,3-							0.22	U	0.8	0.22	U	0.8									
Dichloropropane, 2,2-							0.38	U	7	0.38	U	7									
Dichloropropene, 1,1-							0.22	U	2	0.22	U	2									
Dichloropropene, cis-1,3-							0.28	U	2	0.28	U	2									
Dichloropropene, trans-1,3-							0.2	U	2	0.2	U	2									
Ethylbenzene							0.1	U	1.2	0.84	F	1.2									
Ethylene dibromide							0.24	U	1.2	0.24	U	1.2									
Hexachlorobutadiene							0.68	U	2.2	0.68	U	2.2									
Isopropylbenzene							0.14	U	1	0.14	U	1									
Isopropyltoluene, 4- (Cymene, p-)							0.68	U	2.4	0.68	U	2.4									
Methylene chloride	1	U	1				0.72	U	2	0.72	U	2					U	1	1	U	1
Naphthalene							2		1.6	7.6		1.6									
Propylbenzene, N-							0.2	U	0.8	0.2	U	0.8									
Styrene							0.16	U	0.8	0.16	U	0.8									
Tetrachloroethane, 1,1,1,2-							0.42	U	1	0.42	U	1									
Tetrachloroethane, 1,1,2,2-							0.3	U	0.8	0.3	U	0.8									
Tetrachloroethene	3.17		1	5	U	5	0.32	U	2.8	0.32	U	2.8	1.51		1		U	1	1	U	1
Toluene							0.22	F	2.2	0.98	F	2.2	0.4	U	1						
Trichlorobenzene, 1,2,3-							0.52	U	1	0.52	U	1									
Trichlorobenzene, 1,2,4-							0.52	U	1	0.52	U	1									
Trichloroethane, 1,1,1-							0.3	U	1.6	0.3	U	1.6									
Trichloroethane, 1,1,2-							0.3	U	2	0.3	U	2									
Trichloroethene	1	U	1	5	U	5	0.32	U	2	0.32	U	2	0.4	U	1		U	1	1	U	1
Trichlorofluoromethane							0.3	U	1.6	0.3	U	1.6									
Trichloropropane, 1,2,3-							1.06	U	6.4	1.06	U	6.4									
Trimethylbenzene, 1,2,4-							0.16	U	2.6	0.3	F	2.6									
Trimethylbenzene, 1,3,5-							0.18	U	1	0.18	U	1									
Vinyl chloride	1	U	1	2	U	2	0.36	U	2.2	0.36	U	2.2					U	1	1	U	1
Xylene, m,p-							0.48	U	1	0.48	U	1									
Xylene, o-							0.26	U	2.2	0.26	U	2.2									

Appendix E
Discrete Interval Groundwater Screening Results
Camp Stanley Storage Activity
November 2000 through September 2001

	Sample ID	CS-MW7-LGR			CS-MW7-LGR			CS-MW7-LGR			CS-MW7-LGR			CS-MW7-CC		
	Sample Date	07/11/01			07/11/01			07/12/01			07/12/01			06/13/01		
	Matrix	WG			WG			WG			WG			WG		
	Sample Type	N			N			N			N			N		
	Beginning Depth	0			209			245			285			125		
	End Depth	130			220			260			295			135		
	Lab Sample ID	0107034-01A			0107034-02A			0107034-03A			0107034-04A			0106077-01A		
	Dilution	1			1			1			1			1		
		Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
SW8260B (UG/L)																
	Acetone	12	U	100	12	U	100	12	U	100	12	U	100	12	U	100
	Benzene															
	Bromobenzene															
	Bromochloromethane															
	Bromodichloromethane															
	Bromoform															
	Bromomethane															
	Butanone, 2-	12	U	25	12	U	25	12	U	25	12	U	25	12	U	25
	Butylbenzene, N-															
	Butylbenzene, sec-															
	Butylbenzene, tert-															
	Carbon disulfide															
	Carbon tetrachloride															
	Chlorobenzene															
	Chloroethylvinylether, 2-															
	Chloroethane															
	Chloroform															
	Chloromethane															
	Chlorotoluene, 2-															
	Chlorotoluene, 4-															
	Dibromo-3-chloropropane, 1,2-															
	Dibromochloromethane															
	Dibromoethane, 1,2															
	Dibromomethane															
	Dichlorobenzene, 1,2-															
	Dichlorobenzene, 1,3-															
	Dichlorobenzene, 1,4-															
	Dichlorodifluoromethane															
	Dichloroethane, 1,1-															
	Dichloroethane, 1,2-															
	Dichloroethene, 1,1-															
	Dichloroethene, cis-1,2-	0.1	U	1	0.1	U	1	0.1	U	1	0.1	U	1	0.1	U	1
	Dichloroethene, trans-1,2-	0.1	U	1	0.1	U	1	0.1	U	1	0.1	U	1	0.1	U	1
	Dichloropropane, 1,2-															
	Dichloropropane, 1,3-															
	Dichloropropane, 2,2-															
	Dichloropropene, 1,1-															
	Dichloropropene, cis-1,3-															
	Dichloropropene, trans-1,3-															
	Ethylbenzene															
	Hexachlorobutadiene															
	Hexanone, 2-															
	Iodomethane															
	Isopropylbenzene															
	Isopropyltoluene, 4- (Cymene, p-)															
	Methylene chloride															
	Methyl-4-Pentanone, 2- (MIBK)															
	Methyl tert-butyl ether															
	Naphthalene															
	Propylbenzene, N-															
	Styrene															
	Tetrachloroethane, 1,1,1,2-															
	Tetrachloroethane, 1,1,2,2-															
	Tetrachloroethene	3.53		1	8.16		1	7		1	0.4	U	1	10.2		2
	Toluene	1	U	2	1	U	2	1	U	2	1	U	2	1	U	2
	Trichlorobenzene, 1,2,3-															
	Trichlorobenzene, 1,2,4-															
	Trichloroethane, 1,1,1-															
	Trichloroethane, 1,1,2-															
	Trichloroethene	2.31		1	7.1		1	6.2		1	3.42		1	1.3	J	2
	Trichlorofluoromethane															
	Trichloropropane, 1,2,3-															
	Trimethylbenzene, 1,2,4-															
	Trimethylbenzene, 1,3,5-															
	Vinyl chloride															
	Xylene, m,p-															
	Xylene, o-															

Appendix E
Discrete Interval Groundwater Screening Results
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	CS-MW7-CC			CS-MW7-CC			CS-MW7-CC			CS-MW8-LGR			CS-MW8-LGR		
Sample Date	06/14/01			6/28/2001			6/28/2001			04/18/01			04/18/01		
Matrix	WG			WG			WG			WG			WG		
Sample Type	N			N			N			N			N		
Beginning Depth	285			420			440			87			105		
End Depth	295			432			452			98			116		
Lab Sample ID	0106087-03A			0106140-04A			0106140-03A			0104071-04A			0104071-03A		
Dilution	1			1			1			1			1		
	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
SW8260B (UG/L)															
Acetone	12	U	100	12	U	100	18	J	100	12	U	100	12	U	100
Benzene															
Bromobenzene															
Bromochloromethane															
Bromodichloromethane															
Bromoform															
Bromomethane															
Butanone, 2-	12	U	25	12	U	25	12	U	25	12	U	25	12	U	25
Butylbenzene, N-															
Butylbenzene, sec-															
Butylbenzene, tert-															
Carbon disulfide															
Carbon tetrachloride															
Chlorobenzene															
Chloroethylvinylether, 2-															
Chloroethane															
Chloroform															
Chloromethane															
Chlorotoluene, 2-															
Chlorotoluene, 4-															
Dibromo-3-chloropropane, 1,2-															
Dibromochloromethane															
Dibromoethane, 1,2															
Dibromomethane															
Dichlorobenzene, 1,2-															
Dichlorobenzene, 1,3-															
Dichlorobenzene, 1,4-															
Dichlorodifluoromethane															
Dichloroethane, 1,1-															
Dichloroethane, 1,2-															
Dichloroethene, 1,1-															
Dichloroethene, cis-1,2-	0.1	U	1	0.1	U	1	0.1	U	1	0.57	J	1	0.29	J	1
Dichloroethene, trans-1,2-	0.1	U	1	0.1	U	1	0.1	U	1	0.1	U	1	0.1	U	1
Dichloropropane, 1,2-															
Dichloropropane, 1,3-															
Dichloropropane, 2,2-															
Dichloropropene, 1,1-															
Dichloropropene, cis-1,3-															
Dichloropropene, trans-1,3-															
Ethylbenzene															
Hexachlorobutadiene															
Hexanone, 2-															
Iodomethane															
Isopropylbenzene															
Isopropyltoluene, 4- (Cymene, p-)															
Methylene chloride															
Methyl-4-Pentanone, 2- (MIBK)															
Methyl tert-butyl ether															
Naphthalene															
Propylbenzene, N-															
Styrene															
Tetrachloroethane, 1,1,1,2-															
Tetrachloroethane, 1,1,2,2-															
Tetrachloroethene	9.62		2	0.4	U	1	0.4	U	1	57		2	37.2		2
Toluene	1	U	2	1	U	2	1	U	2						
Trichlorobenzene, 1,2,3-															
Trichlorobenzene, 1,2,4-															
Trichloroethane, 1,1,1-															
Trichloroethane, 1,1,2-															
Trichloroethene	6.31	U	2	0.4	U	1	0.4	U	1	2.77		2	2.6		2
Trichlorofluoromethane															
Trichloropropane, 1,2,3-															
Trimethylbenzene, 1,2,4-															
Trimethylbenzene, 1,3,5-															
Vinyl chloride															
Xylene, m,p-															
Xylene, o-															

Appendix E
Discrete Interval Groundwater Screening Results
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	CS-MW8-LGR			CS-MW8-LGR			CS-MW8-LGR			CS-MW8-LGR			CS-MW8-LGR		
Sample Date	04/18/01			04/18/01			04/23/01			04/23/01			04/22/01		
Matrix	WG			WG			WG			WG			WG		
Sample Type	N			N			N			N			N		
Beginning Depth	131			155			188			212			223		
End Depth	142			166			199			223			234		
Lab Sample ID	0104071-02A			0104071-01A			0104087-02A			0104087-01A			0104080-01A		
Dilution	1			1			1			1			1		
	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
SW8260B (UG/L)															
Acetone	12	U	100	15	J	100	12	U	100	12	U	100	12	U	100
Benzene															
Bromobenzene															
Bromochloromethane															
Bromodichloromethane															
Bromoform															
Bromomethane															
Butanone, 2-	12	U	25	12	U	25	12	U	25	12	U	25	12	U	25
Butylbenzene, N-															
Butylbenzene, sec-															
Butylbenzene, tert-															
Carbon disulfide															
Carbon tetrachloride															
Chlorobenzene															
Chloroethylvinylether, 2-															
Chloroethane															
Chloroform															
Chloromethane															
Chlorotoluene, 2-															
Chlorotoluene, 4-															
Dibromo-3-chloropropane, 1,2-															
Dibromochloromethane															
Dibromoethane, 1,2															
Dibromomethane															
Dichlorobenzene, 1,2-															
Dichlorobenzene, 1,3-															
Dichlorobenzene, 1,4-															
Dichlorodifluoromethane															
Dichloroethane, 1,1-															
Dichloroethane, 1,2-															
Dichloroethene, 1,1-															
Dichloroethene, cis-1,2-	0.28	J	1	0.1	U	1	0.52	J	1	0.18	J	1	0.18	J	1
Dichloroethene, trans-1,2-	0.1	U	1	0.1	U	1	0.1	U	1	0.1	U	1	0.1	U	1
Dichloropropane, 1,2-															
Dichloropropane, 1,3-															
Dichloropropane, 2,2-															
Dichloropropene, 1,1-															
Dichloropropene, cis-1,3-															
Dichloropropene, trans-1,3-															
Ethylbenzene															
Hexachlorobutadiene															
Hexanone, 2-															
Iodomethane															
Isopropylbenzene															
Isopropyltoluene, 4- (Cymene, p-)															
Methylene chloride															
Methyl-4-Pentanone, 2- (MIBK)															
Methyl tert-butyl ether															
Naphthalene															
Propylbenzene, N-															
Styrene															
Tetrachloroethane, 1,1,1,2-															
Tetrachloroethane, 1,1,2,2-															
Tetrachloroethene	32.7		2	3.19		2	38.2		2	7.95		2	10.7		2
Toluene							2.32		2	8.71		2	14.2		2
Trichlorobenzene, 1,2,3-															
Trichlorobenzene, 1,2,4-															
Trichloroethane, 1,1,1-															
Trichloroethane, 1,1,2-															
Trichloroethene	5.08		2	1	U	2	20.5		2	7.67		2	11.3		2
Trichlorofluoromethane															
Trichloropropane, 1,2,3-															
Trimethylbenzene, 1,2,4-															
Trimethylbenzene, 1,3,5-															
Vinyl chloride															
Xylene, m,p-															
Xylene, o-															

Appendix E
Discrete Interval Groundwater Screening Results
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	CS-MW8-LGR			CS-MW8-LGR			CS-MW8-LGR			CS-MW8-LGR			CS-MW8-CC		
Sample Date	5/6/2001			5/6/2001			5/6/2001			5/6/2001			05/18/01		
Matrix	WG			WG			WG			WG			WG		
Sample Type	N			N			N			N			N		
Beginning Depth	290			306			325			347			89		
End Depth	300			316			335			357			116		
Lab Sample ID	0105040-05			0105040-04			0105040-03			0105040-02			0105096-01A		
Dilution	1			1			1			1			1		
	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
SW8260B (UG/L)															
Acetone		U	100		U	100		U	100		U	100	12	U	100
Benzene															
Bromobenzene															
Bromochloromethane															
Bromodichloromethane															
Bromoform															
Bromomethane															
Butanone, 2-		U	25		U	25		U	25		U	25	12	U	25
Butylbenzene, N-															
Butylbenzene, sec-															
Butylbenzene, tert-															
Carbon disulfide															
Carbon tetrachloride															
Chlorobenzene															
Chloroethylvinylether, 2-															
Chloroethane															
Chloroform															
Chloromethane															
Chlorotoluene, 2-															
Chlorotoluene, 4-															
Dibromo-3-chloropropane, 1,2-															
Dibromochloromethane															
Dibromoethane, 1,2															
Dibromomethane															
Dichlorobenzene, 1,2-															
Dichlorobenzene, 1,3-															
Dichlorobenzene, 1,4-															
Dichlorodifluoromethane															
Dichloroethane, 1,1-															
Dichloroethane, 1,2-															
Dichloroethene, 1,1-															
Dichloroethene, cis-1,2-		U	1		U	1		U	1		U	1	0.1	U	1
Dichloroethene, trans-1,2-		U	1		U	1		U	1		U	1	0.1	U	1
Dichloropropane, 1,2-															
Dichloropropane, 1,3-															
Dichloropropane, 2,2-															
Dichloropropene, 1,1-															
Dichloropropene, cis-1,3-															
Dichloropropene, trans-1,3-															
Ethylbenzene															
Hexachlorobutadiene															
Hexanone, 2-															
Iodomethane															
Isopropylbenzene															
Isopropyltoluene, 4- (Cymene, p-)															
Methylene chloride															
Methyl-4-Pentanone, 2- (MIBK)															
Methyl tert-butyl ether															
Naphthalene															
Propylbenzene, N-															
Styrene															
Tetrachloroethane, 1,1,1,2-															
Tetrachloroethane, 1,1,2,2-															
Tetrachloroethene	6.27		2		U	2		U	2		U	2	12.6		2
Toluene		U	2		U	2		U	2		U	2	1	U	2
Trichlorobenzene, 1,2,3-															
Trichlorobenzene, 1,2,4-															
Trichloroethane, 1,1,1-															
Trichloroethane, 1,1,2-															
Trichloroethene	17.6		2		U	2		U	2		U	2	3.81		2
Trichlorofluoromethane															
Trichloropropane, 1,2,3-															
Trimethylbenzene, 1,2,4-															
Trimethylbenzene, 1,3,5-															
Vinyl chloride															
Xylene, m,p-															
Xylene, o-															

Appendix E
Discrete Interval Groundwater Screening Results
Camp Stanley Storage Activity
November 2000 through September 2001

	Sample ID	CS-MW8-CC			CS-MW8-CC			CS-MW8-CC			CS-MW8-CC			CS-MW8-CC		
	Sample Date	5/18/2001			5/19/2001			5/19/2001			5/20/2001			05/29/01		
	Matrix	WG			WG			WG			WG			WG		
	Sample Type	N			N			N			N			N		
	Beginning Depth	132			190			224			290			311		
	End Depth	142			200			234			300			317		
	Lab Sample ID	0105096-02A			0105096-03A			0105096-04A			0105096-05A			0105133-02A		
	Dilution	1			1			1			1			1		
		Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
SW8260B (UG/L)																
	Acetone	12	U	100	12	U	100	12	U	100	12	U	100	12	U	100
	Benzene													0.1	U	1
	Bromobenzene													0.1	U	1
	Bromochloromethane													0.1	U	1
	Bromodichloromethane													0.1	U	1
	Bromoform													0.1	U	1
	Bromomethane													0.3	U	1
	Butanone, 2-	12	U	25	12	U	25	12	U	25	12	U	25	12	U	25
	Butylbenzene, N-													1	U	5
	Butylbenzene, sec-													1	U	5
	Butylbenzene, tert-													1	U	5
	Carbon disulfide													12	U	25
	Carbon tetrachloride													0.1	U	1
	Chlorobenzene													0.1	U	1
	Chloroethylvinylether, 2-													10	U	25
	Chloroethane													0.3	U	1
	Chloroform													0.3	U	1
	Chloromethane													0.3	U	1
	Chlorotoluene, 2-													4	U	5
	Chlorotoluene, 4-													1	U	5
	Dibromo-3-chloropropane, 1,2-													3	U	5
	Dibromochloromethane													0.1	U	1
	Dibromoethane, 1,2													0.1	U	1
	Dibromomethane													0.1	U	1
	Dichlorobenzene, 1,2-													0.1	U	1
	Dichlorobenzene, 1,3-													1	U	2
	Dichlorobenzene, 1,4-													1	U	2
	Dichlorodifluoromethane													0.1	U	1
	Dichloroethane, 1,1-													0.1	U	1
	Dichloroethane, 1,2-													0.4	U	1
	Dichloroethene, 1,1-													0.1	U	1
	Dichloroethene, cis-1,2-	0.1	U	1	0.1	U	1	0.1	U	1	0.1	U	1	0.1	U	1
	Dichloroethene, trans-1,2-	0.1	U	1	0.1	U	1	0.1	U	1	0.1	U	1	0.1	U	1
	Dichloropropane, 1,2-													0.1	U	1
	Dichloropropane, 1,3-													0.1	U	1
	Dichloropropane, 2,2-													0.1	U	1
	Dichloropropene, 1,1-													0.1	U	1
	Dichloropropene, cis-1,3-													0.1	U	1
	Dichloropropene, trans-1,3-													0.1	U	1
	Ethylbenzene													0.5	U	2
	Hexachlorobutadiene													1	U	2
	Hexanone, 2-													12	U	25
	Iodomethane													12	U	25
	Isopropylbenzene													1	U	5
	Isopropyltoluene, 4- (Cymene, p-)													1	U	5
	Methylene chloride													2.5	U	2.5
	Methyl-4-Pentanone, 2- (MIBK)													12	U	25
	Methyl tert-butyl ether													0.3	U	1
	Naphthalene													5	U	5
	Propylbenzene, N-													1	U	5
	Styrene													0.1	U	1
	Tetrachloroethane, 1,1,1,2-													0.1	U	1
	Tetrachloroethane, 1,1,2,2-													0.1	U	1
	Tetrachloroethene	7		2	5.57		2	10.5		2	9.64		2	1	U	2
	Toluene	1	U	2	1	U	2	1	U	2	1	U	2	1	U	2
	Trichlorobenzene, 1,2,3-													2	U	5
	Trichlorobenzene, 1,2,4-													2	U	5
	Trichloroethane, 1,1,1-													0.1	U	1
	Trichloroethane, 1,1,2-													0.1	U	1
	Trichloroethene	3.62		2	4.14		2	10.1		2	19.5		2	1	U	2
	Trichlorofluoromethane													5	U	10
	Trichloropropane, 1,2,3-													0.3	U	1
	Trimethylbenzene, 1,2,4-													2	U	5
	Trimethylbenzene, 1,3,5-													2	U	5
	Vinyl chloride													0.1	U	1
	Xylene, m,p-													1	U	5
	Xylene, o-													1	U	5

Appendix E
Discrete Interval Groundwater Screening Results
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	CS-MW8-CC			CS-MW8-CC			CS-MW10-CC			CS-MW10-CC			CS-MW10-CC			CS-MW10-CC		
Sample Date	06/05/01			06/05/01			08/24/01			08/24/01			08/23/01			08/23/01		
Matrix	WG			WG			WG			WG			WG			WG		
Sample Type	N			N			N			N			N			N		
Beginning Depth	435			450			227			265			325			357		
End Depth	445			460			238			276			336			368		
Lab Sample ID	0106036-03A			0106036-02A			0108124-03A			0108124-02A			0108111-02A			0108111-01A		
Dilution	1			1			1			1			1			1		
	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
SW8260B (UG/L)																		
Acetone	12	U	100	12	U	100	12	U	50	12	U	50	12	U	50	12	U	50
Benzene																		
Bromobenzene																		
Bromochloromethane																		
Bromodichloromethane																		
Bromoform																		
Bromomethane																		
Butanone, 2-	12	U	25	12	U	25	12	U	25	12	U	25	12	U	25	12	U	25
Butylbenzene, N-																		
Butylbenzene, sec-																		
Butylbenzene, tert-																		
Carbon disulfide																		
Carbon tetrachloride																		
Chlorobenzene																		
Chloroethylvinylether, 2-																		
Chloroethane																		
Chloroform																		
Chloromethane																		
Chlorotoluene, 2-																		
Chlorotoluene, 4-																		
Dibromo-3-chloropropane, 1,2-																		
Dibromochloromethane																		
Dibromoethane, 1,2																		
Dibromomethane																		
Dichlorobenzene, 1,2-																		
Dichlorobenzene, 1,3-																		
Dichlorobenzene, 1,4-																		
Dichlorodifluoromethane																		
Dichloroethane, 1,1-																		
Dichloroethane, 1,2-																		
Dichloroethene, 1,1-																		
Dichloroethene, cis-1,2-	0.1	U	1	0.1	U	1	0.2	U	1	0.2	U	1	0.2	U	1	0.2	U	1
Dichloroethene, trans-1,2-	0.1	U	1	0.1	U	1	0.2	U	1	0.2	U	1	0.2	U	1	0.2	U	1
Dichloropropane, 1,2-																		
Dichloropropane, 1,3-																		
Dichloropropane, 2,2-																		
Dichloropropene, 1,1-																		
Dichloropropene, cis-1,3-																		
Dichloropropene, trans-1,3-																		
Ethylbenzene																		
Hexachlorobutadiene																		
Hexanone, 2-																		
Iodomethane																		
Isopropylbenzene																		
Isopropyltoluene, 4- (Cymene, p-)																		
Methylene chloride																		
Methyl-4-Pentanone, 2- (MIBK)																		
Methyl tert-butyl ether																		
Naphthalene																		
Propylbenzene, N-																		
Styrene																		
Tetrachloroethane, 1,1,1,2-																		
Tetrachloroethane, 1,1,2,2-																		
Tetrachloroethene	1	U	2	1	U	2	0.4	U	1	0.4	U	1	0.74	J	1	0.62	J	1
Toluene	1	U	2	1	U	2	0.4	U	1	0.4	U	1	0.4	U	1	0.49	J	1
Trichlorobenzene, 1,2,3-																		
Trichlorobenzene, 1,2,4-																		
Trichloroethane, 1,1,1-																		
Trichloroethane, 1,1,2-																		
Trichloroethene	1	U	2	1	U	2	0.4	U	1	0.4	U	1	0.4	U	1	0.4	U	1
Trichlorofluoromethane																		
Trichloropropane, 1,2,3-																		
Trimethylbenzene, 1,2,4-																		
Trimethylbenzene, 1,3,5-																		
Vinyl chloride																		
Xylene, m,p-																		
Xylene, o-																		

Appendix E
Discrete Interval Groundwater Screening Results
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	CS-MW10-CC			CS-MW10-CC			CS-MW10-CC		
Sample Date	09/13/01			09/13/01			09/13/01		
Matrix	WG			WG			WG		
Sample Type	N			N			N		
Beginning Depth	436			472			487		
End Depth	447			483			498		
Lab Sample ID	0109059-02A			0109059-03A			0109059-04A		
Dilution	1			1			1		
	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
SW8260B (UG/L)									
Acetone	45	J	50	12	U	50	12	U	50
Benzene									
Bromobenzene									
Bromochloromethane									
Bromodichloromethane									
Bromoform									
Bromomethane									
Butanone, 2-	12	U	25	12	U	25	12	U	25
Butylbenzene, N-									
Butylbenzene, sec-									
Butylbenzene, tert-									
Carbon disulfide									
Carbon tetrachloride									
Chlorobenzene									
Chloroethylvinylether, 2-									
Chloroethane									
Chloroform									
Chloromethane									
Chlorotoluene, 2-									
Chlorotoluene, 4-									
Dibromo-3-chloropropane, 1,2-									
Dibromochloromethane									
Dibromoethane, 1,2									
Dibromomethane									
Dichlorobenzene, 1,2-									
Dichlorobenzene, 1,3-									
Dichlorobenzene, 1,4-									
Dichlorodifluoromethane									
Dichloroethane, 1,1-									
Dichloroethane, 1,2-									
Dichloroethene, 1,1-									
Dichloroethene, cis-1,2-	0.2	U	1	0.2	U	1	0.2	U	1
Dichloroethene, trans-1,2-	0.2	U	1	0.2	U	1	0.2	U	1
Dichloropropane, 1,2-									
Dichloropropane, 1,3-									
Dichloropropane, 2,2-									
Dichloropropene, 1,1-									
Dichloropropene, cis-1,3-									
Dichloropropene, trans-1,3-									
Ethylbenzene									
Hexachlorobutadiene									
Hexanone, 2-									
Iodomethane									
Isopropylbenzene									
Isopropyltoluene, 4- (Cymene, p-)									
Methylene chloride									
Methyl-4-Pentanone, 2- (MIBK)									
Methyl tert-butyl ether									
Naphthalene									
Propylbenzene, N-									
Styrene									
Tetrachloroethane, 1,1,1,2-									
Tetrachloroethane, 1,1,2,2-									
Tetrachloroethene	0.4	U	1	0.4	U	1	0.4	U	1
Toluene	0.4	U	1	0.4	U	1	0.4	U	1
Trichlorobenzene, 1,2,3-									
Trichlorobenzene, 1,2,4-									
Trichloroethane, 1,1,1-									
Trichloroethane, 1,1,2-									
Trichloroethene	0.4	U	1	0.4	U	1	0.4	U	1
Trichlorofluoromethane									
Trichloropropane, 1,2,3-									
Trimethylbenzene, 1,2,4-									
Trimethylbenzene, 1,3,5-									
Vinyl chloride									
Xylene, m,p-									
Xylene, o-									

Appendix E
Results of Soil IDW Sampling
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	ROLL OFF COMP1			MW5-Rolloff			MW5-ROMUD			MW8-GR-CUTTINGS			MW8-fullRO-MUD			MW8-ROMUD-5/16/01		
Sample Date	01/24/01			02/07/01			5/7/2001			5/15/2001			5/15/2001			05/16/01		
Matrix	SO			SO			SO			SO			SO			SO		
Sample Type	N			N			N			N			N			N		
Beginning Depth																		
End Depth																		
Lab Sample ID	AP11638			S0136			0105041-03			0105085-01A			0105085-02A			0105085-05A		
Dilution	1			1			1			1			1			1		
	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
D2216 (%)																		
Moisture, Percent	36.2																	
Total Solids				62.2														
SW6010B (MG/KG)																		
Arsenic				1.44	F	40.												
Barium	5.6		1.6	4.3		1.												
Cadmium				0.234	F	0.5												
Chromium	4.5		31.	6.3	F	20.												
Copper	2.2		3.1	1.2	F	2.												
Lead				3.75	F	10.												
Nickel	5.6		3.1	4.8		2.												
Zinc	12.8		7.8	17.5		2.												
SW7060A (MG/KG)																		
Arsenic	0.1	J	0.8															
SW7131A (MG/KG)																		
Cadmium	0.1	J	0.2															
SW7421 (MG/KG)																		
Lead	1.3		0.8															
SW7471A (MG/KG)																		
Mercury	0.03		0.2	0.0217	U	0.1												
SW8260B (MG/KG)																		
Acetone								U	0.0909	0.012	J	0.0962	0.012	U	0.1	0.011	U	0.0909
Benzene	0.0003	U	0.002	0.00012	U	0.002		U	0.00455									
Bromobenzene	0.0003	U	0.002	0.00027	U	0.002		U	0.00455									
Bromochloromethane	0.0004	U	0.002	0.00012	U	0.002		U	0.00455									
Bromodichloromethane	0.0003	U	0.004	0.0001	U	0.004		U	0.00455									
Bromoform	0.0005	U	0.006	0.00029	U	0.006		U	0.00455									
Bromomethane	0.0007	U	0.005	0.00024	R	0.005		U	0.00455									
Butanone, 2-								U	0.0455	0.012	U	0.024	0.012	U	0.025	0.011	U	0.0227
Butylbenzene, N-	0.0006	U	0.005	0.00021	U	0.005		U	0.00455									
Butylbenzene, sec-	0.0004	U	0.007	0.00011	U	0.007		U	0.00455									
Butylbenzene, tert-	0.0005	U	0.007	0.00013	U	0.007		U	0.00455									
Carbon disulfide								U	0.0455									
Carbon tetrachloride	0.001	U	0.01	0.0002	U	0.01		U	0.00455									
Chlorobenzene	0.0003	U	0.002	0.0001	U	0.002		U	0.00455									
Chloroethane	0.0009	U	0.005	0.00023	U	0.005		U	0.00455									
Chloroethylvinylether, 2-								U	0.0545									
Chloroform	0.0003	U	0.002	0.00012	U	0.002		U	0.00455									
Chlorohexane, 1-	0.0003	U	0.003	0.00018	U	0.003												
Chloromethane	0.0008	U	0.007	0.00022	U	0.007		U	0.00455									
Chlorotoluene, 2-	0.0007	U	0.002	0.00014	U	0.002		U	0.00455									
Chlorotoluene, 4-	0.0006	U	0.003	0.00016	U	0.003		U	0.00455									
Dibromo-3-chloropropane, 1,2-	0.007	U	0.01	0.0006	U	0.01		U	0.00455									
Dibromochloromethane	0.0003	U	0.003	0.00018	U	0.003		U	0.00455									
Dibromoethane, 1,2-								U	0.00455									
Dibromomethane	0.001	U	0.01	0.0003	U	0.01		U	0.00455									
Dichlorobenzene, 1,2-	0.0005	U	0.002	0.00013	U	0.002		U	0.00455									
Dichlorobenzene, 1,3-	0.0022	U	0.006	0.00016	U	0.006		U	0.00455									
Dichlorobenzene, 1,4-	0.0007	U	0.002	0.00039	U	0.002		U	0.00455									
Dichlorodifluoromethane	0.0008	U	0.005	0.00014	U	0.005		U	0.00455									
Dichloroethane, 1,1-	0.0003	U	0.002	0.0001	U	0.002		U	0.00455									
Dichloroethane, 1,2-	0.0002	U	0.003	0.00011	U	0.003		U	0.00455									
Dichloroethene, 1,1-	0.0008	U	0.006	0.00021	U	0.006		U	0.00455									
Dichloroethene, cis-1,2-	0.0002	U	0.006	0.00021	U	0.006		U	0.00455	0.000096	U	0.00096	0.0001	U	0.001	0.000091	U	0.000909
Dichloroethene, trans-1,2-	0.0003	U	0.003	0.00024	U	0.003		U	0.00455	0.000096	U	0.00096	0.0001	U	0.001	0.000091	U	0.000909
Dichloropropane, 1,2-	0.0002	U	0.002	0.00024	U	0.002		U	0.00455									
Dichloropropane, 1,3-	0.0004	U	0.002	0.00012	U	0.002		U	0.00455									
Dichloropropane, 2,2-	0.001	U	0.02	0.0002	U	0.02		U	0.00455									
Dichloropropene, 1,1-	0.0006	U	0.005	0.0001	U	0.005		U	0.00455									
Dichloropropene, cis-1,3-	0.0002	U	0.005	0.0001	U	0.005		U	0.00455									
Dichloropropene, trans-1,3-	0.0004	U	0.005	0.00026	U	0.005		U	0.00455									
Ethylbenzene	0.0004	U	0.003	0.00012	U	0.003		U	0.00455									
Ethylene dibromide	0.0013	U	0.003	0.00018	U	0.003												
Hexachlorobutadiene	0.0006	U	0.005	0.00034	U	0.005		U	0.00455									
Hexanone, 2-								U	0.0455									
Iodomethane								U	0.0455									
Isopropylbenzene	0.0004	U	0.008	0.0001	U	0.008		U	0.00455									
Isopropyltoluene, 4- (Cymene, p-)	0.0005	U	0.006	0.0001	U	0.006		U	0.00455									
Methyl tert-butyl ether								U	0.00455									
Methyl-2-pentanone, 4-								U	0.0455									
Methylene chloride	0.0007	U	0.005	0.00014	U	0.005		U	0.0118									
Naphthalene	0.001	U	0.02	0.00028	U	0.005		U	0.00455									
Propylbenzene, N-	0.0008	U	0.002	0.0001	U	0.002		U	0.00455									
Styrene	0.0013	U	0.002	0.00015	U	0.0025		U	0.00455									
Tetrachloroethane, 1,1,1,2-	0.0004	U	0.003	0.00028	U	0.003		U	0.00455									
Tetrachloroethane, 1,1,2,2-	0.0005	U	0.002	0.0003	U	0.0025		U	0.00455									
Tetrachloroethene	0.0005	U	0.007	0.00016	U	0.007		U	0.00455	0.00096	U	0.00192	0.001	U	0.002	0.00091	U	0.00182
Toluene	0.0003	U	0.005	0.0008	F	0.005		U	0.0118	0.00096	U	0.00192	0.001	U	0.002	0.00091	U	0.00182
Trichlorobenzene, 1,2,3-	0.0008	U	0.004	0.00025	U	0.002		U	0.00455									
Trichlorobenzene, 1,2,4-	0.0006	U	0.004	0.00034	U	0.002		U	0.00455									
Trichloroethane, 1,1,1-	0.0004	U	0.004	0.00015	U	0.004		U	0.00455									
Trichloroethane, 1,1,2-	0.0003	U	0.005	0.00027	U	0.005		U	0.00455									
Trichloroethene	0.001	U	0.01	0.0002	U	0.01		U	0.00455	0.00096	U	0.00192	0.001	U	0.002	0.00091	U	0.00182
Trichlorofluoromethane	0.0009	U	0.004	0.00013	U	0.004		U	0.00455									
Trichloropropane, 1,2,3-	0.001	U	0.02	0.0002	U	0.02		U	0.00455									
Trimethylbenzene, 1,2,4-	0.0004	U	0.007	0.00013	U	0.007		U	0.00455									
Trimethylbenzene, 1,3,5-	0.0004	U	0.003	0.00013	U	0.003		U	0.00455									
Vinyl chloride	0.0008	U	0.009	0.00026	U	0.009		U	0.00455									
Xylene (total)				0.00022	U	0.005												
Xylene, m,p-	0.0008	U	0.007	0.00022	U	0.007		U	0.00455									
Xylene, o-	0.0004	U	0.005	0.00013	U	0.005		U	0.00455									

Appendix E
Results of Groundwater IDW Sampling
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	MW9-CC (ROLL OFF)			MW3-LGR			MW5-LGR			MW-5 LGR			MW4 Rolloff			MW5-Rolloff			MW4 Roll-off		
Sample Date	11/29/00			01/30/01			01/30/01			02/02/01			02/06/01			02/07/01			03/08/01		
Matrix	WG			WG			WG			WG			WG			WG			WG		
Sample Type	N			N			N			N			N			N			N		
Beginning Depth																0.0					
End Depth																0.0					
Lab Sample ID	204429-3			C2108-1			C2108-2			C2119-1			C2138-2			S0137			C2321-1		
Dilution				1			1			1			1			1			1		
Analyte																					
Method	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
SW8260B (UG/L)																					
Acetone		U	100																		
Acetonitrile		U	5																		
Acrolein		U	50																		
Acrylonitrile		U	20																		
Benzene		U	5													0.150	F	0.400			
Bromobenzene																0.037	U	0.300			
Bromochloromethane																0.014	U	0.400			
Bromodichloromethane		U	5		U	1		U	1		U	1		U	1	0.011	U	0.800		U	1
Bromoform		U	5													0.042	U	1.200			
Bromomethane		U	5													0.074	U	1.100			
Butanone, 2-		U	10																		
Butylbenzene, N-																0.015	U	1.100			
Butylbenzene, sec-																0.015	U	1.300			
Butylbenzene, tert-																0.016	U	1.400			
Butyl Methyl Ether, tert- (MTBE)		U	5																		
Carbon disulfide		U	5																		
Carbon tetrachloride		U	5													0.007	U	2.100			
Chlorobenzene		U	5													0.005	U	0.400			
Chlorodibromomethane					U	1		U	1		U	1		U	1					U	1
Chloroethane		U	5																		
Chloroethylvinylether, 2-		U	5																		
Chloroethane																0.010	U	1.000			
Chloroform		U	5		U	1		U	1		U	1		U	1	0.011	U	0.300		U	1
Chlorohexane, 1-																0.018	U	0.500			
Chloromethane		U	5													0.046	U	1.300			
Chlorotoluene, 2-																0.015	U	0.400			
Chlorotoluene, 4-																0.011	U	0.600			
Dibromo-3-chloropropane, 1,2-																0.205	U	2.600			
Dibromochloromethane		U	5													0.012	U	0.500			
Dibromoethane, 1,2		U	5																		
Dibromomethane		U	5													0.040	U	2.400			
Dichlorobenzene, 1,2-																0.013	U	0.300			
Dichlorobenzene, 1,3-																0.010	U	1.200			
Dichlorobenzene, 1,4-																0.014	U	0.300			
Dichlorodifluoromethane		U	5													0.010	U	1.000			
Dichloroethane, 1,1-		U	5													0.009	U	0.400			
Dichloroethane, 1,2-		U	5													0.012	U	0.600			
Dichloroethene, 1,1-		U	5		U	1		U	1		U	1		U	1	0.025	U	1.200		U	1
Dichloroethene, cis-1,2-		U	5		U	1		U	1	3.44		1		U	1	0.150	F	1.200		U	1
Dichloroethene, trans-1,2-		U	5		U	1		U	1		U	1		U	1	0.077	U	0.600		U	1
Dichloropropane, 1,2-		U	5													0.014	U	0.400			
Dichloropropane, 1,3-		U	5													0.012	U	0.400			
Dichloropropane, 2,2-		U	5													0.013	U	3.500			
Dichloropropene, 1,1-		U	5													0.020	U	1.000			
Dichloropropene, cis-1,3-		U	5													0.010	U	1.000			
Dichloropropene, trans-1,3-		U	5													0.020	U	1.000			
Dioxane, 1,4-		U	100																		
Ethyl Acetate		U	5																		
Ethylbenzene		U	5													0.008	U	0.600			
Ethyl Ether (Diethyl Ether)		U	5																		
Ethylene dibromide																0.053	U	0.600			
Ethyl Methacrylate		U	5																		
Hexachlorobutadiene																0.031	U	1.100			
Hexanone, 2-		U	5																		
Iodomethane		U	5																		
Isopropylbenzene																0.015	U	0.500			
Isopropyltoluene, 4- (Cymene, p-)																0.031	U	1.200			
Methylene chloride		U	50		U	1		U	1		U	1		U	1	0.030	U	2.000		U	1
Methyl-4-Pentanone, 2- (MIBK)		U	5																		
Methyl Methacrylate		U	5																		
Methyl tert-butyl ether																					
Naphthalene																0.040	U	1.000			
Nitropropane, 2-		U	5																		
Propylbenzene, N-																0.016	U	0.400			
Styrene		U	5													0.015	U	0.500			
Tetrachloroethane, 1,1,1,2-																0.017	U	0.500			
Tetrachloroethane, 1,1,2,2-		U	5													0.090	U	0.500			
Tetrachloroethene		U	5		U	1		U	1	3.71		1		U	1	0.008	U	1.400		U	1
Toluene		U	5													0.170	F	1.100			
Trichlorobenzene, 1,2,3-		U	5													0.050	U	0.300			
Trichlorobenzene, 1,2,4-																0.021	U	0.400			
Trichloroethane, 1,1,1-		U	5													0.014	U	0.800			
Trichloroethane, 1,1,2-		U	5													0.010	U	1.000			
Trichloroethene		U	5		U	1		U	1	4.49		1		U	1	0.010	U	1.000		U	1
Trichlorofluoromethane		U	5													0.010	U	0.800			
Trichloropropane, 1,2,3-		U	5													0.072	U	3.200			
Trichloro-1,2,2-Trifluoroethane, 1,1,2-		U	50																		
Trimethylbenzene, 1,2,4-		U	5													0.011	U	1.300			
Trimethylbenzene, 1,3,5-		U	5													0.012	U	0.500			
Vinyl Acetate		U	5																		
Vinyl chloride		U	5		U	1		U	1		U	1		U	1	0.013	U	1.100		U	1
Xylene (total)		U	5													0.019	U	1.100			
Xylene, m,p-																0.019	U	1.300			
Xylene, o-																0.012	U	1.100			

Appendix E
Results of Groundwater IDW Sampling
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	MW5 Roll-off			MW 6 Bexar Shale Roll-offs			MW8 TD173 WL 80			002-03-MAY-01			GAC-Rolloff			GAC-Outfall			MW8-BOX1		
Sample Date	03/08/01			03/20/01			04/17/01			05/03/01			05/05/01			05/05/01			05/10/01		
Matrix	WG			WG			WG			WG			WG			WG			WG		
Sample Type	N			N			N			N			N			N			N		
Beginning Depth																					
End Depth																					
Lab Sample ID	C2321-2			C2380-1			C2510-1			0105023-01A			0105041-01			0105041-02			0105059-02A		
Dilution	1			1			1			1			1			1			1	50	
Analyte hod	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
260B (UG/L)																					
Acetone																			1550		1250
Acetonitrile																					
Acrolein																					
Acrylonitrile																					
Benzene																			0.1	U	1
Bromobenzene																			0.1	U	1
Bromochloromethane																			0.1	U	1
Bromodichloromethane		U	1		U	5	1	U	1										0.1	U	1
Bromoform																			0.1	U	1
Bromomethane																			0.3	U	1
Butanone, 2-																			21	J	25
Butylbenzene, N-																			1	U	5
Butylbenzene, sec-																			1	U	5
Butylbenzene, tert-																			1	U	5
Butyl Methyl Ether, tert- (MTBE)																					
Carbon disulfide																			12	U	25
Carbon tetrachloride							1	U	1										0.1	U	1
Chlorobenzene																			0.1	U	1
Chlorodibromomethane		U	1		U	5	1	U	1												
Chloroethane																					
Chloroethylvinylether, 2-																			10	U	25
Chloroethane																			0.3	U	1
Chloroform		U	1		U	5	1	U	1										0.3	U	1
Chlorohexane, 1-																					
Chloromethane																			0.3	U	1
Chlorotoluene, 2-																			4	U	5
Chlorotoluene, 4-																			1	U	5
Dibromo-3-chloropropane, 1,2-																			3	U	5
Dibromochloromethane																			0.1	U	1
Dibromoethane, 1,2																			0.1	U	1
Dibromomethane																			0.1	U	1
Dichlorobenzene, 1,2-																			0.1	U	1
Dichlorobenzene, 1,3-																			1	U	2
Dichlorobenzene, 1,4-																			1	U	2
Dichlorodifluoromethane																			0.1	U	1
Dichloroethane, 1,1-																			0.1	U	1
Dichloroethane, 1,2-																			0.4	U	1
Dichloroethene, 1,1-		U	1		U	5	1	U	1										0.1	U	1
Dichloroethene, cis-1,2-	6.55		1		U	5	1	U	1										0.1	U	1
Dichloroethene, trans-1,2-		U	1		U	5	1	U	1										0.1	U	1
Dichloropropane, 1,2-																			0.1	U	1
Dichloropropane, 1,3-																			0.1	U	1
Dichloropropane, 2,2-																			0.1	U	1
Dichloropropene, 1,1-																			0.1	U	1
Dichloropropene, cis-1,3-																			0.1	U	1
Dichloropropene, trans-1,3-																			0.1	U	1
Dioxane, 1,4-																					
Ethyl Acetate																					
Ethylbenzene																			0.5	U	2
Ethyl Ether (Diethyl Ether)																					
Ethylene dibromide																					
Ethyl Methacrylate																					
Hexachlorobutadiene																			1	U	2
Hexanone, 2-																			12	U	25
Iodomethane																			12	U	25
Isopropylbenzene																			1	U	5
Isopropyltoluene, 4- (Cymene, p-)																			1	U	5
Methylene chloride		U	1		U	5													2.5	U	2.5
Methyl-4-Pentanone, 2- (MIBK)																			12	U	25
Methyl Methacrylate																					
Methyl tert-butyl ether																			0.3	U	1
Naphthalene																			5	U	5
Nitropropane, 2-																					
Propylbenzene, N-																			1	U	5
Styrene																			0.1	U	1
Tetrachloroethane, 1,1,1,2-																			0.1	U	1
Tetrachloroethane, 1,1,2,2-																			0.1	U	1
Tetrachloroethene	5.66		1		U	5	11.04		1	1	U	2		U	2		U	2	1	U	2
Toluene																			1	U	2
Trichlorobenzene, 1,2,3-																			2	U	5
Trichlorobenzene, 1,2,4-																			2	U	5
Trichloroethane, 1,1,1-																			0.1	U	1
Trichloroethane, 1,1,2-																			0.1	U	1
Trichloroethene	11.51		1		U	5	1	U	1	1	U	2		U	2		U	2	1	U	2
Trichlorofluoromethane																			5	U	10
Trichloropropane, 1,2,3-																			0.3	U	1
Trichloro-1,2,2-Trifluoroethane, 1,1,2-																					
Trimethylbenzene, 1,2,4-																			2	U	5
Trimethylbenzene, 1,3,5-																			2	U	5
Vinyl Acetate																					
Vinyl chloride		U	1		U	2	1	U	1										0.1	U	1
Xylene (total)																					
Xylene, m,p-																			1	U	5
Xylene, o-																			1	U	5

Appendix E
Results of Groundwater IDW Sampling
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	GAC-BOX1			GAC-OF-1			GAC-OF-2			GAC-RO-5/16/01			MW8 (0-300) Roll Off			MW8-CC-RO-425-493		
Sample Date	05/10/01			05/10/01			05/10/01			05/16/01			5/20/2001			06/04/01		
Matrix	WG			WG			WG			WG			WG			WG		
Sample Type	N			N			N			N			N			N		
Beginning Depth													0.0			425		
End Depth													300.0			493		
Lab Sample ID	0105059-01A			0105050-01A			0105050-02A			0105085-04A			0105096-06A			0106019-01A		
Dilution	1 50			1 50			1 50			1 5			1			1 10		
Analyte / Method	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
8260B (UG/L)																		
Acetone	1290		1250	732		600	1310		600	230	J	500	12	U	100	540		500
Acetonitrile																		
Acrolein																		
Acrylonitrile																		
Benzene	0.1	U	1															
Bromobenzene	0.1	U	1															
Bromochloromethane	0.1	U	1															
Bromodichloromethane	0.1	U	1															
Bromoform	0.1	U	1															
Bromomethane	0.3	U	1															
Butanone, 2-	91.5		25							12	U	25	12	U	25	12	U	25
Butylbenzene, N-	1	U	5															
Butylbenzene, sec-	1	U	5															
Butylbenzene, tert-	1	U	5															
Butyl Methyl Ether, tert- (MTBE)																		
Carbon disulfide	12	U	25															
Carbon tetrachloride	0.1	U	1															
Chlorobenzene	0.1	U	1															
Chlorodibromomethane																		
Chloroethane																		
Chloroethylvinylether, 2-	10	U	25															
Chloroethane	0.3	U	1															
Chloroform	0.3	U	1															
Chlorohexane, 1-																		
Chloromethane	0.3	U	1															
Chlorotoluene, 2-	4	U	5															
Chlorotoluene, 4-	1	U	5															
Dibromo-3-chloropropane, 1,2-	3	U	5															
Dibromochloromethane	0.1	U	1															
Dibromoethane, 1,2	0.1	U	1															
Dibromomethane	0.1	U	1															
Dichlorobenzene, 1,2-	0.1	U	1															
Dichlorobenzene, 1,3-	1	U	2															
Dichlorobenzene, 1,4-	1	U	2															
Dichlorodifluoromethane	0.1	U	1															
Dichloroethane, 1,1-	0.1	U	1															
Dichloroethane, 1,2-	0.4	U	1															
Dichloroethene, 1,1-	0.1	U	1															
Dichloroethene, cis-1,2-	0.1	U	1							0.1	U	1	0.1	U	1	0.1	U	1
Dichloroethene, trans-1,2-	0.1	U	1							0.1	U	1	0.1	U	1	0.1	U	1
Dichloropropane, 1,2-	0.1	U	1															
Dichloropropane, 1,3-	0.1	U	1															
Dichloropropane, 2,2-	0.1	U	1															
Dichloropropene, 1,1-	0.1	U	1															
Dichloropropene, cis-1,3-	0.1	U	1															
Dichloropropene, trans-1,3-	0.1	U	1															
Dioxane, 1,4-																		
Ethyl Acetate																		
Ethylbenzene	0.5	U	2															
Ethyl Ether (Diethyl Ether)																		
Ethylene dibromide																		
Ethyl Methacrylate																		
Hexachlorobutadiene	1	U	2															
Hexanone, 2-	12	U	25															
Iodomethane	12	U	25															
Isopropylbenzene	1	U	5															
Isopropyltoluene, 4- (Cymene, p-)	1	U	5															
Methylene chloride	2.5	U	2.5															
Methyl-4-Pentanone, 2- (MIBK)	12	U	25															
Methyl Methacrylate																		
Methyl tert-butyl ether	0.3	U	1															
Naphthalene	5	U	5															
Nitropropane, 2-																		
Propylbenzene, N-	1	U	5															
Styrene	0.1	U	1															
Tetrachloroethane, 1,1,1,2-	0.1	U	1															
Tetrachloroethane, 1,1,2,2-	0.1	U	1															
Tetrachloroethene	1	U	2	1	U	2	1	U	2	1	U	2	1	U	2	1	U	2
Toluene	1	U	2							1	U	2	1	U	2	1	U	2
Trichlorobenzene, 1,2,3-	2	U	5															
Trichlorobenzene, 1,2,4-	2	U	5															
Trichloroethane, 1,1,1-	0.1	U	1															
Trichloroethane, 1,1,2-	0.1	U	1															
Trichloroethene	1	U	2	1	U	2	1	U	2	1	U	2	1	U	2	1	U	2
Trichlorofluoromethane	5	U	10															
Trichloropropane, 1,2,3-	0.3	U	1															
Trichloro-1,2,2-Trifluoroethane, 1,1,2-																		
Trimethylbenzene, 1,2,4-	2	U	5															
Trimethylbenzene, 1,3,5-	2	U	5															
Vinyl Acetate																		
Vinyl chloride	0.1	U	1															
Xylene (total)																		
Xylene, m,p-	1	U	5															
Xylene, o-	1	U	5															

Appendix E
Results of Groundwater IDW Sampling
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	RO-607			MW7CC-90			MW7-RO-0-285			MW7-RO-CC			MW7LGR-CUT-0-352			MW7LGR-RO-0-352			MW10-CC-191		
Sample Date	06/09/01			06/12/01			06/14/01			06/27/01			07/16/01			07/16/01			08/17/01		
Matrix	WG			WG			WG			WG			WG			WG			WG		
Sample Type	N			N			N			N			N			N			N		
Beginning Depth				0			0						0			0					
End Depth				90			285						352			352					
Lab Sample ID	0109016-04A			0106077-02A			0106087-02A			0106140-02A			0107034-05A			0107034-06A			0108090-01A		
Dilution	20			1			1			1 10			1 5			1			1		
Analyte / Method	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
260B (UG/L)																					
Acetone	1050		240	12	U	100	12	U	100	294		200	612		500	12	U	100			
Acetonitrile																					
Acrolein																					
Acrylonitrile																					
Benzene																					
Bromobenzene																					
Bromochloromethane																					
Bromodichloromethane																					
Bromoform																					
Bromomethane																					
Butanone, 2-	240	U	500	12	U	25	12	U	25	12	U	25	12	U	24	12	U	25			
Butylbenzene, N-																					
Butylbenzene, sec-																					
Butylbenzene, tert-																					
Butyl Methyl Ether, tert- (MTBE)																					
Carbon disulfide																					
Carbon tetrachloride																					
Chlorobenzene																					
Chlorodibromomethane																					
Chloroethane																					
Chloroethylvinylether, 2-																					
Chloroethane																					
Chloroform																					
Chlorohexane, 1-																					
Chloromethane																					
Chlorotoluene, 2-																					
Chlorotoluene, 4-																					
Dibromo-3-chloropropane, 1,2-																					
Dibromochloromethane																					
Dibromoethane, 1,2																					
Dibromomethane																					
Dichlorobenzene, 1,2-																					
Dichlorobenzene, 1,3-																					
Dichlorobenzene, 1,4-																					
Dichlorodifluoromethane																					
Dichloroethane, 1,1-																					
Dichloroethane, 1,2-																					
Dichloroethene, 1,1-																					
Dichloroethene, cis-1,2-	4	U	20	0.1	U	1	0.1	U	1	0.1	U	1	0.096	U	0.962	0.1	U	1			
Dichloroethene, trans-1,2-	4	U	20	0.1	U	1	0.1	U	1	0.1	U	1	0.096	U	0.962	0.1	U	1			
Dichloropropane, 1,2-																					
Dichloropropane, 1,3-																					
Dichloropropane, 2,2-																					
Dichloropropene, 1,1-																					
Dichloropropene, cis-1,3-																					
Dichloropropene, trans-1,3-																					
Dioxane, 1,4-																					
Ethyl Acetate																					
Ethylbenzene																					
Ethyl Ether (Diethyl Ether)																					
Ethylene dibromide																					
Ethyl Methacrylate																					
Hexachlorobutadiene																					
Hexanone, 2-																					
Iodomethane																					
Isopropylbenzene																					
Isopropyltoluene, 4- (Cymene, p-)																					
Methylene chloride																					
Methyl-4-Pentanone, 2- (MIBK)																					
Methyl Methacrylate																					
Methyl tert-butyl ether																					
Naphthalene																					
Nitropropane, 2-																					
Propylbenzene, N-																					
Styrene																					
Tetrachloroethane, 1,1,1,2-																					
Tetrachloroethane, 1,1,2,2-																					
Tetrachloroethene	8	U	20	1	U	2	1	U	2	0.4	U	1	0.38	U	0.962	0.4	U	1			
Toluene	8	U	20	1	U	2	1	U	2	1	U	2	0.96	U	1.92	1	U	2			
Trichlorobenzene, 1,2,3-																					
Trichlorobenzene, 1,2,4-																					
Trichloroethane, 1,1,1-																					
Trichloroethane, 1,1,2-																					
Trichloroethene	8	U	20	1	U	2	1	U	2	0.4	U	1	0.38	U	0.962	0.4	U	1			
Trichlorofluoromethane																					
Trichloropropane, 1,2,3-																					
Trichloro-1,2,2-Trifluoroethane, 1,1,2-																					
Trimethylbenzene, 1,2,4-																					
Trimethylbenzene, 1,3,5-																					
Vinyl Acetate																					
Vinyl chloride																					
Xylene (total)																					
Xylene, m,p-																					
Xylene, o-																					

Appendix E
Results of Groundwater IDW Sampling
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	RO-918			RO-99050			Inject-1			RO-615			RO-910			RO-918			RO-99049		
Sample Date	08/30/01			08/30/01			09/04/01			09/04/01			09/04/01			09/04/01			09/04/01		
Matrix	WG			WG			WG			WG			WG			WG			WG		
Sample Type	N			N			N			N			N			N			N		
Beginning Depth																					
End Depth																					
Lab Sample ID	0108149-01A			0108149-02A			0109004-06A			0109004-05A			0109004-04A			0109004-02A			0109004-03A		
Dilution	20			1 50			1			1 20			1			10			1 20		
Analyte / Method	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
260B (UG/L)																					
Acetone	1950		1000	2920		2500	12	U	50	1160		1000	136		50	120	U	500	2160		1000
Acetonitrile																					
Acrolein																					
Acrylonitrile																					
Benzene																					
Bromobenzene																					
Bromochloromethane																					
Bromodichloromethane																					
Bromoform																					
Bromomethane																					
Butanone, 2-	240	U	500	12	U	25	12	U	25	12	U	25	12	U	25	120	U	250	12	U	25
Butylbenzene, N-																					
Butylbenzene, sec-																					
Butylbenzene, tert-																					
Butyl Methyl Ether, tert- (MTBE)																					
Carbon disulfide																					
Carbon tetrachloride																					
Chlorobenzene																					
Chlorodibromomethane																					
Chloroethane																					
Chloroethylvinylether, 2-																					
Chloroethane																					
Chloroform																					
Chlorohexane, 1-																					
Chloromethane																					
Chlorotoluene, 2-																					
Chlorotoluene, 4-																					
Dibromo-3-chloropropane, 1,2-																					
Dibromochloromethane																					
Dibromoethane, 1,2																					
Dibromomethane																					
Dichlorobenzene, 1,2-																					
Dichlorobenzene, 1,3-																					
Dichlorobenzene, 1,4-																					
Dichlorodifluoromethane																					
Dichloroethane, 1,1-																					
Dichloroethane, 1,2-	8	U	20	0.4	U	1															
Dichloroethene, 1,1-																					
Dichloroethene, cis-1,2-	4	U	20	0.2	U	1	0.2	U	1	0.2	U	1	0.2	U	1	2	U	10	0.2	U	1
Dichloroethene, trans-1,2-	4	U	20	0.2	U	1	0.2	U	1	0.2	U	1	0.2	U	1	2	U	10	0.2	U	1
Dichloropropane, 1,2-																					
Dichloropropane, 1,3-																					
Dichloropropane, 2,2-																					
Dichloropropene, 1,1-																					
Dichloropropene, cis-1,3-																					
Dichloropropene, trans-1,3-																					
Dioxane, 1,4-																					
Ethyl Acetate																					
Ethylbenzene																					
Ethyl Ether (Diethyl Ether)																					
Ethylene dibromide																					
Ethyl Methacrylate																					
Hexachlorobutadiene																					
Hexanone, 2-																					
Iodomethane																					
Isopropylbenzene																					
Isopropyltoluene, 4- (Cymene, p-)																					
Methylene chloride																					
Methyl-4-Pentanone, 2- (MIBK)																					
Methyl Methacrylate																					
Methyl tert-butyl ether																					
Naphthalene																					
Nitropropane, 2-																					
Propylbenzene, N-																					
Styrene																					
Tetrachloroethane, 1,1,1,2-																					
Tetrachloroethane, 1,1,2,2-																					
Tetrachloroethene	8	U	20	0.4	U	1	0.4	U	1	0.4	U	1	0.4	U	1	4	U	10	0.4	U	1
Toluene	8	U	20	0.4	U	1	0.4	U	1	0.4	U	1	0.4	U	1	4	U	10	0.4	U	1
Trichlorobenzene, 1,2,3-																					
Trichlorobenzene, 1,2,4-																					
Trichloroethane, 1,1,1-																					
Trichloroethane, 1,1,2-																					
Trichloroethene	8	U	20	0.4	U	1	0.4	U	1	0.4	U	1	0.4	U	1	4	U	10	0.4	U	1
Trichlorofluoromethane																					
Trichloropropane, 1,2,3-																					
Trichloro-1,2,2-Trifluoroethane, 1,1,2-																					
Trimethylbenzene, 1,2,4-																					
Trimethylbenzene, 1,3,5-																					
Vinyl Acetate																					
Vinyl chloride																					
Xylene (total)																					
Xylene, m,p-																					
Xylene, o-																					

Appendix E
Results of Groundwater IDW Sampling
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	RO-99050			MW10-WT			MW10-FOAM			MW10-HOLE			RO-615			RO-654			RO-910		
Sample Date	09/04/01			09/06/01			09/06/01			09/06/01			09/06/01			09/06/01			09/06/01		
Matrix	WG			WG			WG			WG			WG			WG			WG		
Sample Type	N			N			N			N			N			N			N		
Beginning Depth																					
End Depth																					
Lab Sample ID	0109004-01A			0109016-01A			0109016-02A			0109016-10A			0109016-09A			0109016-03A			0109016-08A		
Dilution	20			1			2000			1			20			20			20		
Analyte																					
Method	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
8260B (UG/L)																					
Acetone	1041		1000	12	U	50	24000	U	10000	92.6		50	240	U	1000	470	J	1000	240	U	1000
Acetonitrile																					
Acrolein																					
Acrylonitrile																					
Benzene																					
Bromobenzene																					
Bromochloromethane																					
Bromodichloromethane																					
Bromoform																					
Bromomethane																					
Butanone, 2-	240	U	500	12	U	25	24000	U	50000	12	U	25	240	U	500	240	U	500	240	U	500
Butylbenzene, N-																					
Butylbenzene, sec-																					
Butylbenzene, tert-																					
Butyl Methyl Ether, tert- (MTBE)																					
Carbon disulfide																					
Carbon tetrachloride																					
Chlorobenzene																					
Chlorodibromomethane																					
Chloroethane																					
Chloroethylvinylether, 2-																					
Chloroethane																					
Chloroform																					
Chlorohexane, 1-																					
Chloromethane																					
Chlorotoluene, 2-																					
Chlorotoluene, 4-																					
Dibromo-3-chloropropane, 1,2-																					
Dibromochloromethane																					
Dibromoethane, 1,2																					
Dibromomethane																					
Dichlorobenzene, 1,2-																					
Dichlorobenzene, 1,3-																					
Dichlorobenzene, 1,4-																					
Dichlorodifluoromethane																					
Dichloroethane, 1,1-																					
Dichloroethane, 1,2-																					
Dichloroethene, 1,1-																					
Dichloroethene, cis-1,2-	4	U	20	0.2	U	1	400	U	2000	0.2	U	1	4	U	20	4	U	20	4	U	20
Dichloroethene, trans-1,2-	4	U	20	0.2	U	1	400	U	2000	0.2	U	1	4	U	20	4	U	20	4	U	20
Dichloropropane, 1,2-																					
Dichloropropane, 1,3-																					
Dichloropropane, 2,2-																					
Dichloropropene, 1,1-																					
Dichloropropene, cis-1,3-																					
Dichloropropene, trans-1,3-																					
Dioxane, 1,4-																					
Ethyl Acetate																					
Ethylbenzene																					
Ethyl Ether (Diethyl Ether)																					
Ethylene dibromide																					
Ethyl Methacrylate																					
Hexachlorobutadiene																					
Hexanone, 2-																					
Iodomethane																					
Isopropylbenzene																					
Isopropyltoluene, 4- (Cymene, p-)																					
Methylene chloride																					
Methyl-4-Pentanone, 2- (MIBK)																					
Methyl Methacrylate																					
Methyl tert-butyl ether																					
Naphthalene																					
Nitropropane, 2-																					
Propylbenzene, N-																					
Styrene																					
Tetrachloroethane, 1,1,1,2-																					
Tetrachloroethane, 1,1,2,2-																					
Tetrachloroethene	8	U	20	0.4	U	1	800	U	2000	0.4	U	1	8	U	20	8	U	20	8	U	20
Toluene	8	U	20	0.4	U	1	800	U	2000	0.4	U	1	8	U	20	8	U	20	8	U	20
Trichlorobenzene, 1,2,3-																					
Trichlorobenzene, 1,2,4-																					
Trichloroethane, 1,1,1-																					
Trichloroethane, 1,1,2-																					
Trichloroethene	8	U	20	0.4	U	1	800	U	2000	0.4	U	1	8	U	20	8	U	20	8	U	20
Trichlorofluoromethane																					
Trichloropropane, 1,2,3-																					
Trichloro-1,2,2-Trifluoroethane, 1,1,2-																					
Trimethylbenzene, 1,2,4-																					
Trimethylbenzene, 1,3,5-																					
Vinyl Acetate																					
Vinyl chloride																					
Xylene (total)																					
Xylene, m,p-																					
Xylene, o-																					

Appendix E
Results of Groundwater IDW Sampling
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	RO-918			RO-99049			RO-99050			RO-615			RO-910			RO-99049			RO-99050		
Sample Date	09/06/01			09/06/01			09/06/01			09/12/01			09/12/01			09/12/01			09/12/01		
Matrix	WG			WG			WG			WG			WG			WG			WG		
Sample Type	N			N			N			N			N			N			N		
Beginning Depth																-			-		
End Depth																-			-		
Lab Sample ID	0109016-06A			0109016-07A			0109016-05A			0109047-05A			0109047-04A			0109047-03A			0109047-02A		
Dilution	20			20			20			5			5			10			5		
Analyte Method	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
8260B (UG/L)																					
Acetone	280	J	1000	530	J	20	240	U	1000	240	J	250	312		250	340	J	500	100	J	250
Acetonitrile																					
Acrolein																					
Acrylonitrile																					
Benzene																					
Bromobenzene																					
Bromochloromethane																					
Bromodichloromethane																					
Bromoform																					
Bromomethane																					
Butanone, 2-	240	U	500	240	U	500	240	U	500	60	U	125	60	U	125	120	U	250	60	U	125
Butylbenzene, N-																					
Butylbenzene, sec-																					
Butylbenzene, tert-																					
Butyl Methyl Ether, tert- (MTBE)																					
Carbon disulfide																					
Carbon tetrachloride																					
Chlorobenzene																					
Chlorodibromomethane																					
Chloroethane																					
Chloroethylvinylether, 2-																					
Chloroethane																					
Chloroform																					
Chlorohexane, 1-																					
Chloromethane																					
Chlorotoluene, 2-																					
Chlorotoluene, 4-																					
Dibromo-3-chloropropane, 1,2-																					
Dibromochloromethane																					
Dibromoethane, 1,2																					
Dibromomethane																					
Dichlorobenzene, 1,2-																					
Dichlorobenzene, 1,3-																					
Dichlorobenzene, 1,4-																					
Dichlorodifluoromethane																					
Dichloroethane, 1,1-																					
Dichloroethane, 1,2-																					
Dichloroethene, 1,1-																					
Dichloroethene, cis-1,2-	4	U	20	4	U	20	4	U	20	1	U	5	1	U	5	2	U	10	1	U	5
Dichloroethene, trans-1,2-	4	U	20	4	U	20	4	U	20	1	U	5	1	U	5	2	U	10	1	U	5
Dichloropropane, 1,2-																					
Dichloropropane, 1,3-																					
Dichloropropane, 2,2-																					
Dichloropropene, 1,1-																					
Dichloropropene, cis-1,3-																					
Dichloropropene, trans-1,3-																					
Dioxane, 1,4-																					
Ethyl Acetate																					
Ethylbenzene																					
Ethyl Ether (Diethyl Ether)																					
Ethylene dibromide																					
Ethyl Methacrylate																					
Hexachlorobutadiene																					
Hexanone, 2-																					
Iodomethane																					
Isopropylbenzene																					
Isopropyltoluene, 4- (Cymene, p-)																					
Methylene chloride																					
Methyl-4-Pentanone, 2- (MIBK)																					
Methyl Methacrylate																					
Methyl tert-butyl ether																					
Naphthalene																					
Nitropropane, 2-																					
Propylbenzene, N-																					
Styrene																					
Tetrachloroethane, 1,1,1,2-																					
Tetrachloroethane, 1,1,2,2-																					
Tetrachloroethene	8	U	20	8	U	20	8	U	20	2	U	5	2	U	5	4	U	10	2	U	5
Toluene	8	U	20	8	U	20	8	U	20	2	U	5	2	U	5	4	U	10	2	U	5
Trichlorobenzene, 1,2,3-																					
Trichlorobenzene, 1,2,4-																					
Trichloroethane, 1,1,1-																					
Trichloroethane, 1,1,2-																					
Trichloroethene	8	U	20	8	U	20	8	U	20	2	U	5	2	U	5	4	U	10	2	U	5
Trichlorofluoromethane																					
Trichloropropane, 1,2,3-																					
Trichloro-1,2,2-Trifluoroethane, 1,1,2-																					
Trimethylbenzene, 1,2,4-																					
Trimethylbenzene, 1,3,5-																					
Vinyl Acetate																					
Vinyl chloride																					
Xylene (total)																					
Xylene, m,p-																					
Xylene, o-																					

Appendix E
Results of Groundwater IDW Sampling
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	Vac Truck			RO607			RO654			RO663			RO918			RO99049			RO 99050		
Sample Date	09/12/01			09/17/01			09/17/01			09/17/01			09/17/01			09/17/01			09/21/01		
Matrix	WG			WG			WG			WG			WG			WG			WG		
Sample Type	N			N			N			N			N			N			N		
Beginning Depth																					
End Depth																					
Lab Sample ID	0109047-01A			0109079-04A			0109079-05A			0109079-06A			0109079-03A			0109079-02A			0109099-01A		
Dilution	5 10			5			10			5			10			5			5		
Analyte																					
hod	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
260B (UG/L)																					
Acetone	1780		500	442		250	180	J	500	381		250	450	J	500	404		250	949		250
Acetonitrile																					
Acrolein																					
Acrylonitrile																					
Benzene																					
Bromobenzene																					
Bromochloromethane																					
Bromodichloromethane																					
Bromoform																					
Bromomethane																					
Butanone, 2-	60	U	125	60	U	125	120	U	250	60	U	125	120	U	250	60	U	125	60	U	125
Butylbenzene, N-																					
Butylbenzene, sec-																					
Butylbenzene, tert-																					
Butyl Methyl Ether, tert- (MTBE)																					
Carbon disulfide																					
Carbon tetrachloride																					
Chlorobenzene																					
Chlorodibromomethane																					
Chloroethane																					
Chloroethylvinylether, 2-																					
Chloroethane																					
Chloroform																					
Chlorohexane, 1-																					
Chloromethane																					
Chlorotoluene, 2-																					
Chlorotoluene, 4-																					
Dibromo-3-chloropropane, 1,2-																					
Dibromochloromethane																					
Dibromoethane, 1,2																					
Dibromomethane																					
Dichlorobenzene, 1,2-																					
Dichlorobenzene, 1,3-																					
Dichlorobenzene, 1,4-																					
Dichlorodifluoromethane																					
Dichloroethane, 1,1-																					
Dichloroethane, 1,2-																					
Dichloroethene, 1,1-																					
Dichloroethene, cis-1,2-	1	U	5	1	U	5	2	U	10	1	U	5	2	U	10	1	U	5	1	U	5
Dichloroethene, trans-1,2-	1	U	5	1	U	5	2	U	10	1	U	5	2	U	10	1	U	5	1	U	5
Dichloropropane, 1,2-																					
Dichloropropane, 1,3-																					
Dichloropropane, 2,2-																					
Dichloropropene, 1,1-																					
Dichloropropene, cis-1,3-																					
Dichloropropene, trans-1,3-																					
Dioxane, 1,4-																					
Ethyl Acetate																					
Ethylbenzene																					
Ethyl Ether (Diethyl Ether)																					
Ethylene dibromide																					
Ethyl Methacrylate																					
Hexachlorobutadiene																					
Hexanone, 2-																					
Iodomethane																					
Isopropylbenzene																					
Isopropyltoluene, 4- (Cymene, p-)																					
Methylene chloride																					
Methyl-4-Pentanone, 2- (MIBK)																					
Methyl Methacrylate																					
Methyl tert-butyl ether																					
Naphthalene																					
Nitropropane, 2-																					
Propylbenzene, N-																					
Styrene																					
Tetrachloroethane, 1,1,1,2-																					
Tetrachloroethane, 1,1,2,2-																					
Tetrachloroethene	2	U	5	2	U	5	4	U	10	2	U	5	4	U	10	2	U	5	2	U	5
Toluene	2	U	5	2	U	5	4	U	10	2	U	5	4	U	10	2	U	5	2	U	5
Trichlorobenzene, 1,2,3-																					
Trichlorobenzene, 1,2,4-																					
Trichloroethane, 1,1,1-																					
Trichloroethane, 1,1,2-																					
Trichloroethene	2	U	5	2	U	5	4	U	10	2	U	5	4	U	10	2	U	5	2	U	5
Trichlorofluoromethane																					
Trichloropropane, 1,2,3-																					
Trichloro-1,2,2-Trifluoroethane, 1,1,2-																					
Trimethylbenzene, 1,2,4-																					
Trimethylbenzene, 1,3,5-																					
Vinyl Acetate																					
Vinyl chloride																					
Xylene (total)																					
Xylene, m,p-																					
Xylene, o-																					

Appendix E
Results of Groundwater IDW Sampling
Camp Stanley Storage Activity
November 2000 through September 2001

Sample ID	RO 615			RO 655			RO 910			002-280901		
Sample Date	09/21/01			09/21/01			09/21/01			09/28/01		
Matrix	WG			SO			WG			WG		
Sample Type	N			N			N			N		
Beginning Depth												
End Depth												
Lab Sample ID	0109099-03A			0109099-04A			0109099-02A			0110004-01A		
Dilution	5			1			1 10			1		
Analyte												
Method	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL	Results	Flag	SQL
8260B (UG/L)												
Acetone	392		250	85	U	84.7	863		500			
Acetonitrile												
Acrolein												
Acrylonitrile												
Benzene												
Bromobenzene												
Bromochloromethane												
Bromodichloromethane												
Bromoform												
Bromomethane												
Butanone, 2-	60	U	125	10	U	42.4	12	U	25			
Butylbenzene, N-												
Butylbenzene, sec-												
Butylbenzene, tert-												
Butyl Methyl Ether, tert- (MTBE)												
Carbon disulfide												
Carbon tetrachloride												
Chlorobenzene												
Chlorodibromomethane												
Chloroethane												
Chloroethylvinylether, 2-												
Chloroethane												
Chloroform												
Chlorohexane, 1-												
Chloromethane												
Chlorotoluene, 2-												
Chlorotoluene, 4-												
Dibromo-3-chloropropane, 1,2-												
Dibromochloromethane												
Dibromoethane, 1,2												
Dibromomethane												
Dichlorobenzene, 1,2-												
Dichlorobenzene, 1,3-												
Dichlorobenzene, 1,4-												
Dichlorodifluoromethane												
Dichloroethane, 1,1-												
Dichloroethane, 1,2-												
Dichloroethene, 1,1-												
Dichloroethene, cis-1,2-	1	U	5	0.73	U	4.24	0.2	U	1			
Dichloroethene, trans-1,2-	1	U	5	0.8	U	4.24	0.2	U	1			
Dichloropropane, 1,2-												
Dichloropropane, 1,3-												
Dichloropropane, 2,2-												
Dichloropropene, 1,1-												
Dichloropropene, cis-1,3-												
Dichloropropene, trans-1,3-												
Dioxane, 1,4-												
Ethyl Acetate												
Ethylbenzene												
Ethyl Ether (Diethyl Ether)												
Ethylene dibromide												
Ethyl Methacrylate												
Hexachlorobutadiene												
Hexanone, 2-												
Iodomethane												
Isopropylbenzene												
Isopropyltoluene, 4- (Cymene, p-)												
Methylene chloride												
Methyl-4-Pentanone, 2- (MIBK)												
Methyl Methacrylate												
Methyl tert-butyl ether												
Naphthalene												
Nitropropane, 2-												
Propylbenzene, N-												
Styrene												
Tetrachloroethane, 1,1,1,2-												
Tetrachloroethane, 1,1,2,2-												
Tetrachloroethene	2	U	5	0.84	U	4.24	0.4	U	1	0.4	U	1
Toluene	2	U	5	3.8	U	4.24	0.4	U	1			
Trichlorobenzene, 1,2,3-												
Trichlorobenzene, 1,2,4-												
Trichloroethane, 1,1,1-												
Trichloroethane, 1,1,2-												
Trichloroethene	2	U	5	1.5	U	4.24	0.4	U	1	0.4	U	1
Trichlorofluoromethane												
Trichloropropane, 1,2,3-												
Trichloro-1,2,2-Trifluoroethane, 1,1,2-												
Trimethylbenzene, 1,2,4-												
Trimethylbenzene, 1,3,5-												
Vinyl Acetate												
Vinyl chloride												
Xylene (total)												
Xylene, m,p-												
Xylene, o-												

Appendix E
Analytical Results Summary, Soil and Rock
November 2000 to September 2001

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Appendix E
Analytical Results Summary, Soil and Rock
November 2000 to September 2001

Sample ID					CS-MW5-LGR				CS-MW6-LGR				CS-MW-6-LGR			
Sample Date					02/01/01				02/18/01				02/20/01			
Matrix					GR				SO				GR			
Sample Type					N				N				N			
Beginning Depth					452.7				1.5				368.0			
End Depth					453.0				1.8				368.5			
Lab Sample ID					R9885				AP13084				AP13181			
Method	APPL		OBG													
Analyte	MDL	Lab RL	MDL	Lab RL	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL
D2216 (%)																
Total Solids					96.6				79.5				95.9			
SW6010B (MG/KG)																
Barium	0.08	1.0	0.0012	1	3.7		1	1.	69.75		1	1.	3.43		1	1.
Chromium	0.1	20	0.0022	20	5.8	F	1	20.	13.7	F	1	20.	3.6	F	1	20.
Copper	0.19	2.0	0.00045	2	1.10	F	1	2.	9.40		1	2.	1.87	F	1	2.
Nickel	0.12	2.0	0.0011	2	3.3		1	2.	9.28		1	2.	8.68		1	2.
Zinc	0.63	5.0	0.00093	2	9.20		1	2.	17.43		1	5.	7.93		1	5.
SW7060A (MG/KG)																
Arsenic	0.04	0.5	0.00028	0.5	1.76		1	0.5	4.15		1	0.5	2.19	J	1	0.5
SW7131A (MG/KG)																
Cadmium	0.01	0.1	0.00021	0.1	0.02	F	1	0.1	0.18		1	0.1	0.03	F	1	0.1
SW7421 (MG/KG)																
Lead	0.13	0.5	0.00026	0.5	3.33	J	1	0.5	9.76	J	2	1.	1.96	J	1	0.5
SW7471A (MG/KG)																
Mercury	0.01	0.1	0.0217	0.1	0.0217	U	1	0.1	0.01	U	1	0.1	0.01	U	1	0.1
SW8260 (MG/KG)																
Benzene	0.0003	0.002	0.00012	0.002	0.00012	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Bromobenzene	0.0003	0.002	0.00027	0.002	0.00027	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Bromochloromethane	0.0004	0.002	0.00012	0.002	0.00012	U	1	0.002	0.0004	U	1	0.002	0.0004	U	1	0.002
Bromodichloromethane	0.0003	0.004	0.0001	0.004	0.0001	U	1	0.004	0.0003	U	1	0.004	0.0003	U	1	0.004
Bromoform	0.0005	0.006	0.00029	0.006	0.00029	U	1	0.006	0.0005	U	1	0.006	0.0005	U	1	0.006
Bromomethane	0.0007	0.005	0.00024	0.005	0.00024	U	1	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005
Butylbenzene, N-	0.001	0.005	0.00021	0.005	0.00021	U	1	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005
Butylbenzene, sec-	0.0011	0.007	0.00011	0.007	0.00011	U	1	0.007	0.0004	U	1	0.007	0.0004	U	1	0.007
Butylbenzene, tert-	0.0012	0.007	0.00013	0.007	0.00013	U	1	0.007	0.0005	U	1	0.007	0.0005	U	1	0.007
Carbon tetrachloride	0.001	0.01	0.0002	0.01	0.0002	U	1	0.01	0.001	U	1	0.01	0.001	U	1	0.01
Chlorobenzene	0.0003	0.002	0.0001	0.002	0.0001	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Chloroethane	0.0009	0.005	0.00023	0.005	0.00023	U	1	0.005	0.0009	U	1	0.005	0.0009	U	1	0.005
Chloroform	0.0003	0.002	0.00012	0.002	0.00012	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Chlorohexane, 1-	0.0003	0.003	0.00018	0.003	0.00018	U	1	0.003	0.0003	U	1	0.003	0.0003	U	1	0.003
Chloromethane	0.0008	0.007	0.00022	0.007	0.00022	U	1	0.007	0.0008	U	1	0.007	0.0008	U	1	0.007
Chlorotoluene, 2-	0.0007	0.002	0.00014	0.002	0.00014	U	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002
Chlorotoluene, 4-	0.0006	0.003	0.00016	0.003	0.00016	U	1	0.003	0.0006	U	1	0.003	0.0006	U	1	0.003
Dibromo-3-chloropropane, 1,2-	0.007	0.01	0.0006	0.01	0.0006	U	1	0.01	0.007	U	1	0.01	0.007	U	1	0.01
Dibromochloromethane	0.0009	0.003	0.00018	0.003	0.00018	U	1	0.003	0.0003	U	1	0.003	0.0003	U	1	0.003
Dibromomethane	0.001	0.01	0.0003	0.01	0.0003	U	1	0.01	0.001	U	1	0.01	0.001	U	1	0.01
Dichlorobenzene, 1,2-	0.0005	0.002	0.00013	0.002	0.00013	U	1	0.002	0.0005	U	1	0.002	0.0005	U	1	0.002
Dichlorobenzene, 1,3-	0.0022	0.006	0.00016	0.006	0.00016	U	1	0.006	0.0022	U	1	0.006	0.0022	U	1	0.006
Dichlorobenzene, 1,4-	0.0007	0.002	0.00039	0.002	0.00039	U	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002
Dichlorodifluoromethane	0.0018	0.005	0.00014	0.005	0.00014	U	1	0.005	0.0008	U	1	0.005	0.0008	U	1	0.005
Dichloroethane, 1,1-	0.0003	0.002	0.0001	0.002	0.0001	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Dichloroethane, 1,2-	0.0002	0.003	0.00011	0.003	0.00011	U	1	0.003	0.0002	U	1	0.003	0.0002	U	1	0.003
Dichloroethene, 1,1-	0.0008	0.006	0.00021	0.006	0.00021	U	1	0.006	0.0008	U	1	0.006	0.0008	U	1	0.006
Dichloroethene, cis-1,2-	0.0002	0.006	0.00021	0.006	0.00021	U	1	0.006	0.0002	U	1	0.006	0.0002	U	1	0.006
Dichloroethene, trans-1,2-	0.0008	0.003	0.00024	0.003	0.00024	U	1	0.003	0.0003	U	1	0.003	0.0003	U	1	0.003
Dichloropropane, 1,2-	0.0002	0.002	0.00024	0.002	0.00024	U	1	0.002	0.0002	U	1	0.002	0.0002	U	1	0.002
Dichloropropane, 1,3-	0.0004	0.002	0.00012	0.002	0.00012	U	1	0.002	0.0004	U	1	0.002	0.0004	U	1	0.002
Dichloropropane, 2,2-	0.001	0.02	0.0002	0.02	0.0002	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02
Dichloropropene, 1,1-	0.0006	0.005	0.0001	0.005	0.0001	U	1	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005
Dichloropropene, cis-1,3-	0.0002	0.005	0.0001	0.005	0.0001	U	1	0.005	0.0002	U	1	0.005	0.0002	U	1	0.005
Dichloropropene, trans-1,3-	0.0009	0.005	0.00026	0.005	0.00026	U	1	0.005	0.0004	U	1	0.005	0.0004	U	1	0.005
Ethylbenzene	0.001	0.003	0.00012	0.003	0.00012	U	1	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003
Ethylene dibromide	0.0013	0.003	0.00018	0.003	0.00018	U	1	0.003	0.0013	U	1	0.003	0.0013	U	1	0.003
Hexachlorobutadiene	0.0011	0.005	0.00034	0.005	0.00034	U	1	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005
Isopropylbenzene	0.001	0.008	0.0001	0.008	0.0001	U	1	0.008	0.0004	U	1	0.008	0.0004	U	1	0.008
Isopropyltoluene, 4- (Cymene, p-)	0.0012	0.006	0.0001	0.006	0.0001	U	1	0.006	0.0005	U	1	0.006	0.0005	U	1	0.006
Methylene chloride	0.0013	0.005	0.00014	0.005	0.00014	U	1	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005
Naphthalene	0.001	0.02	0.00028	0.005	0.00028	U	1	0.005	0.001	R	1	0.02	0.001	U	1	0.02
Propylbenzene, N-	0.0012	0.002	0.0001	0.002	0.0001	U	1	0.002	0.0008	U	1	0.002	0.0008	U	1	0.002
Styrene	0.0009	0.002	0.00015	0.0025	0.00015	U	1	0.0025	0.0013	U	1	0.002	0.0013	U	1	0.002
Tetrachloroethane, 1,1,1,2-	0.0004	0.003	0.00028	0.003	0.00028	U	1	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003
Tetrachloroethane, 1,1,2,2-	0.0005	0.002	0.0003	0.0025	0.0003	U	1	0.0025	0.0005	U	1	0.002	0.0005	U	1	0.002
Tetrachloroethene	0.0008	0.007	0.00016	0.007	0.00016	U	1	0.007	0.0005	U	1	0.007	0.0005	U	1	0.007
Toluene	0.0003	0.005	0.00015	0.005	0.00015	U	1	0.005	0.001	U	1	0.005	0.0003	U	1	0.005
Trichlorobenzene, 1,2,3-	0.0008	0.004	0.00025	0.002	0.00025	U	1	0.002	0.0008		1	0.004	0.0008	U	1	0.004
Trichlorobenzene, 1,2,4-	0.0006	0.004	0.00034	0.002	0.00034	U	1	0.002	0.0007	U	1	0.004	0.0006	R	1	0.004
Trichloroethane, 1,1,1-	0.0004	0.004	0.00015	0.004	0.00015	U	1	0.004	0.0004	U	1	0.004	0.0004	U	1	0.004
Trichloroethane, 1,1,2-	0.0003	0.005	0.00027	0.005	0.00027	U	1	0.005	0.0003	U	1	0.005	0.0003	U	1	0.005
Trichloroethene	0.0012	0.01	0.0002	0.01	0.0002	U	1	0.01	0.001	U	1	0.01	0.001	U	1	0.01
Trichlorofluoromethane	0.0013	0.004	0.00013	0.004	0.00013	U	1	0.004	0.0009	U	1	0.004	0.0009	U	1	0.004
Trichloropropane, 1,2,3-	0.001	0.02	0.0002	0.02	0.0002	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02
Trimethylbenzene, 1,2,4-	0.0004	0.007	0.00013	0.007	0.00013	U	1	0.007	0.0004	U	1	0.007	0.0004	U	1	0.007
Trimethylbenzene, 1,3,5-	0.0004	0.003	0.00013	0.003	0.00013	U	1	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003
Vinyl chloride	0.0034	0.009	0.00026	0.009	0.00026	U	1	0.009	0.0008	U	1	0.009	0.0008	U	1	0.009
Xylene (total)	-	-	0.00022	0.005	0.00022	U	1	0.005	-	-	-	-	-	-	-	-
Xylene, m,p-	0.0018	0.007	0.00022	0.007	0.00022	U	1	0.007	0.0008	U	1	0.007	0.0008	U	1	0.007
Xylene, o-	0.0007	0.005	0.00013	0.005	0.00013	U	1	0.005	0.0004	U	1	0.005	0.0004	U	1	0.005

Sample ID	CS-MW6-BS				CS-MW6-BS				CS-MW6-CC				CS-MW7-CC			
Sample Date	03/12/01				03/13/01				04/06/01				02/12/01			
Matrix	BS				BS				CC				SO			
Sample Type	N				N				N				N			
Beginning Depth	377.5				426.5				456.0				0.5			
End Depth	378.0				427.0				457.0				1.0			
Lab Sample ID	AP14019				AP14020				AP14955				AP13083			
Analyte	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL
D2216 (%)																
Total Solids	91.				92.9				88.2				85.2			
SW6010B (MG/KG)																
Barium	6.59		1	1.	12.31		1	1.	2.45		1	1.	9.05		1	1.
Chromium	11.8	F	1	20.	57.3		1	20.	2.2	F	1	20.	18.3	F	1	20.
Copper	3.10		1	2.	7.48		1	2.	2.41		1	2.	3.17		1	2.
Nickel	7.71		1	2.	15.71		1	2.	1.93	F	1	2.	8.		1	2.
Zinc	8.16		1	5.	13.71		1	5.	3.65	F	1	5.	20.14		1	5.
SW7060A (MG/KG)																
Arsenic	2.37		1	0.5	2.54		1	0.5	0.05	F	1	0.5	3.05		1	0.5
SW7131A (MG/KG)																
Cadmium	0.01	U	1	0.1	0.07	F	1	0.1	0.04	F	1	0.1	0.01	U	1	0.1
SW7421 (MG/KG)																
Lead	2.47		1	0.5	2.51		1	0.5	0.29	F	1	0.5	3.29	J	1	0.5
SW7471A (MG/KG)																
Mercury	0.01	U	1	0.1	0.01	U	1	0.1	0.06	F	1	0.1	0.01	U	1	0.1
SW8260 (MG/KG)																
Benzene	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	R	1	0.002
Bromobenzene	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	R	1	0.002
Bromochloromethane	0.0004	U	1	0.002	0.0004	U	1	0.002	0.0004	U	1	0.002	0.0004	R	1	0.002
Bromodichloromethane	0.0003	U	1	0.004	0.0003	U	1	0.004	0.0003	U	1	0.004	0.0003	R	1	0.004
Bromoform	0.0005	U	1	0.006	0.0005	U	1	0.006	0.0005	U	1	0.006	0.0005	R	1	0.006
Bromomethane	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0007	R	1	0.005
Butylbenzene, N-	0.0006	U	1	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005	0.0006	R	1	0.005
Butylbenzene, sec-	0.0004	U	1	0.007	0.0004	U	1	0.007	0.0004	U	1	0.007	0.0004	R	1	0.007
Butylbenzene, tert-	0.0005	U	1	0.007	0.0005	U	1	0.007	0.0005	U	1	0.007	0.0005	R	1	0.007
Carbon tetrachloride	0.001	U	1	0.01	0.001	U	1	0.01	0.001	U	1	0.01	0.001	R	1	0.01
Chlorobenzene	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	R	1	0.002
Chloroethane	0.0009	U	1	0.005	0.0009	U	1	0.005	0.0009	U	1	0.005	0.0009	R	1	0.005
Chloroform	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	R	1	0.002
Chlorohexane, 1-	0.0003	U	1	0.003	0.0003	U	1	0.003	0.0003	U	1	0.003	0.0003	R	1	0.003
Chloromethane	0.0008	U	1	0.007	0.0008	U	1	0.007	0.0008	U	1	0.007	0.0008	R	1	0.007
Chlorotoluene, 2-	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0007	R	1	0.002
Chlorotoluene, 4-	0.0006	U	1	0.003	0.0006	U	1	0.003	0.0006	U	1	0.003	0.0006	R	1	0.003
Dibromo-3-chloropropane, 1,2-	0.007	U	1	0.01	0.007	U	1	0.01	0.007	U	1	0.01	0.007	R	1	0.01
Dibromochloromethane	0.0003	U	1	0.003	0.0003	U	1	0.003	0.0003	U	1	0.003	0.0003	R	1	0.003
Dibromomethane	0.001	U	1	0.01	0.001	U	1	0.01	0.001	U	1	0.01	0.001	R	1	0.01
Dichlorobenzene, 1,2-	0.0005	U	1	0.002	0.0005	U	1	0.002	0.0005	U	1	0.002	0.0005	R	1	0.002
Dichlorobenzene, 1,3-	0.0022	U	1	0.006	0.0022	U	1	0.006	0.0022	U	1	0.006	0.0022	R	1	0.006
Dichlorobenzene, 1,4-	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0007	R	1	0.002
Dichlorodifluoromethane	0.0008	U	1	0.005	0.0008	U	1	0.005	0.0008	U	1	0.005	0.0008	R	1	0.005
Dichloroethane, 1,1-	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	R	1	0.002
Dichloroethane, 1,2-	0.0002	U	1	0.003	0.0002	U	1	0.003	0.0002	U	1	0.003	0.0002	R	1	0.003
Dichloroethene, 1,1-	0.0008	U	1	0.006	0.0008	U	1	0.006	0.0008	U	1	0.006	0.0008	R	1	0.006
Dichloroethene, cis-1,2-	0.0002	U	1	0.006	0.0002	U	1	0.006	0.0002	U	1	0.006	0.0002	R	1	0.006
Dichloroethene, trans-1,2-	0.0003	U	1	0.003	0.0003	U	1	0.003	0.0003	U	1	0.003	0.0003	R	1	0.003
Dichloropropane, 1,2-	0.0002	U	1	0.002	0.0002	U	1	0.002	0.0002	U	1	0.002	0.0002	R	1	0.002
Dichloropropane, 1,3-	0.0004	U	1	0.002	0.0004	U	1	0.002	0.0004	U	1	0.002	0.0004	R	1	0.002
Dichloropropane, 2,2-	0.001	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02	0.001	R	1	0.02
Dichloropropene, 1,1-	0.0006	U	1	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005	0.0006	R	1	0.005
Dichloropropene, cis-1,3-	0.0002	U	1	0.005	0.0002	U	1	0.005	0.0002	U	1	0.005	0.0002	R	1	0.005
Dichloropropene, trans-1,3-	0.0004	U	1	0.005	0.0004	U	1	0.005	0.0004	U	1	0.005	0.0004	R	1	0.005
Ethylbenzene	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0004	R	1	0.003
Ethylene dibromide	0.0013	U	1	0.003	0.0013	U	1	0.003	0.0013	U	1	0.003	0.0013	R	1	0.003
Hexachlorobutadiene	0.0006	U	1	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005	0.0006	R	1	0.005
Isopropylbenzene	0.0004	U	1	0.008	0.0004	U	1	0.008	0.0004	U	1	0.008	0.0004	R	1	0.008
Isopropyltoluene, 4- (Cymene, p-)	0.0005	U	1	0.006	0.0005	U	1	0.006	0.0005	U	1	0.006	0.0005	R	1	0.006
Methylene chloride	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0007	R	1	0.005
Naphthalene	0.001	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02	0.001	R	1	0.02
Propylbenzene, N-	0.0008	U	1	0.002	0.0008	U	1	0.002	0.0008	U	1	0.002	0.0008	R	1	0.002
Styrene	0.0013	U	1	0.002	0.0013	U	1	0.002	0.0013	U	1	0.002	0.0013	R	1	0.002
Tetrachloroethane, 1,1,1,2-	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0004	R	1	0.003
Tetrachloroethane, 1,1,2,2-	0.0005	U	1	0.002	0.0005	U	1	0.002	0.0005	U	1	0.002	0.0005	R	1	0.002
Tetrachloroethene	0.0005	U	1	0.007	0.0005	U	1	0.007	0.0005	U	1	0.007	0.0005	R	1	0.007
Toluene	0.0003	U	1	0.005	0.0003	U	1	0.005	0.0003	U	1	0.005	0.0003	R	1	0.005
Trichlorobenzene, 1,2,3-	0.0008	U	1	0.004	0.0008	U	1	0.004	0.0008	U	1	0.004	0.0008	R	1	0.004
Trichlorobenzene, 1,2,4-	0.0006	U	1	0.004	0.0006	U	1	0.004	0.0006	U	1	0.004	0.0007	R	1	0.004
Trichloroethane, 1,1,1-	0.0004	U	1	0.004	0.0004	U	1	0.004	0.0004	U	1	0.004	0.0004	R	1	0.004
Trichloroethane, 1,1,2-	0.0003	U	1	0.005	0.0003	U	1	0.005	0.0003	U	1	0.005	0.0003	R	1	0.005
Trichloroethene	0.001	U	1	0.01	0.001	U	1	0.01	0.001	U	1	0.01	0.001	R	1	0.01
Trichlorofluoromethane	0.0009	U	1	0.004	0.0009	U	1	0.004	0.0009	U	1	0.004	0.0009	R	1	0.004
Trichloropropane, 1,2,3-	0.001	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02	0.001	R	1	0.02
Trimethylbenzene, 1,2,4-	0.0004	U	1	0.007	0.0004	U	1	0.007	0.0004	U	1	0.007	0.0004	R	1	0.007
Trimethylbenzene, 1,3,5-	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0004	R	1	0.003
Vinyl chloride	0.0008	U	1	0.009	0.0008	U	1	0.009	0.0008	U	1	0.009	0.0008	R	1	0.009
Xylene (total)	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene, m,p-	0.0008	U	1	0.007	0.0008	U	1	0.007	0.0008	U	1	0.007	0.0008	R	1	0.007
Xylene, o-	0.0004	U	1	0.005	0.0004	U	1	0.005	0.0004	U	1	0.005	0.0004	R	1	0.005

Sample ID	CS-MW7-CC				CS-MW7-CC				CS-MW7-CC			
Sample Date	02/18/01				06/25/01				06/26/01			
Matrix	GR				BS				CC			
Sample Type	N				N				N			
Beginning Depth	359.1				414.0				467.0			
End Depth	359.6				415.0				468.0			
Lab Sample ID	AP13085				AP18991				AP18990			
Analyte	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL
D2216 (%)												
Total Solids	83.6				87.8				89.5			
SW6010B (MG/KG)												
Barium	27.07		1	1.	1.66		1	1.	2.3		1	1.
Chromium	4.8	F	1	20.	1.9	F	1	20.	6.4	F	1	20.
Copper	3.31		1	2.	0.56	F	1	2.	0.93	F	1	2.
Nickel	3.69		1	2.	0.75	F	1	2.	5.63		1	2.
Zinc	6.69		1	5.	4.18	F	1	5.	5.51		1	5.
SW7060A (MG/KG)												
Arsenic	1.44		1	0.5	0.04	J	1	0.5	1.11	J	1	0.5
SW7131A (MG/KG)												
Cadmium	0.12		1	0.1	0.13	J	1	0.1	0.02	F	1	0.1
SW7421 (MG/KG)												
Lead	4.07	J	1	0.5	1.08		1	0.5	1.11		1	0.5
SW7471A (MG/KG)												
Mercury	0.01	U	1	0.1	0.02	F	1	0.1	0.02	F	1	0.1
SW8260 (MG/KG)												
Benzene	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Bromobenzene	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Bromochloromethane	0.0004	U	1	0.002	0.0004	U	1	0.002	0.0004	U	1	0.002
Bromodichloromethane	0.0003	U	1	0.004	0.0003	U	1	0.004	0.0003	U	1	0.004
Bromoform	0.0005	U	1	0.006	0.0005	U	1	0.006	0.0005	U	1	0.006
Bromomethane	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005
Butylbenzene, N-	0.0006	U	1	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005
Butylbenzene, sec-	0.0004	U	1	0.007	0.0004	U	1	0.007	0.0004	U	1	0.007
Butylbenzene, tert-	0.0005	U	1	0.007	0.0005	U	1	0.007	0.0005	U	1	0.007
Carbon tetrachloride	0.001	U	1	0.01	0.001	U	1	0.01	0.001	U	1	0.01
Chlorobenzene	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Chloroethane	0.0009	U	1	0.005	0.0009	U	1	0.005	0.0009	U	1	0.005
Chloroform	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Chlorohexane, 1-	0.0003	U	1	0.003	0.0003	U	1	0.003	0.0003	U	1	0.003
Chloromethane	0.0008	U	1	0.007	0.0008	U	1	0.007	0.0008	U	1	0.007
Chlorotoluene, 2-	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002
Chlorotoluene, 4-	0.0006	U	1	0.003	0.0006	U	1	0.003	0.0006	U	1	0.003
Dibromo-3-chloropropane, 1,2-	0.007	U	1	0.01	0.007	U	1	0.01	0.007	U	1	0.01
Dibromochloromethane	0.0003	U	1	0.003	0.0003	U	1	0.003	0.0003	U	1	0.003
Dibromomethane	0.001	U	1	0.01	0.001	U	1	0.01	0.001	U	1	0.01
Dichlorobenzene, 1,2-	0.0005	U	1	0.002	0.0005	U	1	0.002	0.0005	U	1	0.002
Dichlorobenzene, 1,3-	0.0022	U	1	0.006	0.0022	U	1	0.006	0.0022	U	1	0.006
Dichlorobenzene, 1,4-	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002
Dichlorodifluoromethane	0.0008	U	1	0.005	0.0008	U	1	0.005	0.0008	U	1	0.005
Dichloroethane, 1,1-	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Dichloroethane, 1,2-	0.0002	U	1	0.003	0.0002	U	1	0.003	0.0002	U	1	0.003
Dichloroethene, 1,1-	0.0008	U	1	0.006	0.0008	R	1	0.006	0.0008	R	1	0.006
Dichloroethene, cis-1,2-	0.0002	U	1	0.006	0.0002	U	1	0.006	0.0002	U	1	0.006
Dichloroethene, trans-1,2-	0.0003	U	1	0.003	0.0003	U	1	0.003	0.0003	U	1	0.003
Dichloropropane, 1,2-	0.0002	U	1	0.002	0.0002	U	1	0.002	0.0002	U	1	0.002
Dichloropropane, 1,3-	0.0004	U	1	0.002	0.0004	U	1	0.002	0.0004	U	1	0.002
Dichloropropane, 2,2-	0.001	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02
Dichloropropene, 1,1-	0.0006	U	1	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005
Dichloropropene, cis-1,3-	0.0002	U	1	0.005	0.0002	U	1	0.005	0.0002	U	1	0.005
Dichloropropene, trans-1,3-	0.0004	U	1	0.005	0.0004	U	1	0.005	0.0004	U	1	0.005
Ethylbenzene	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003
Ethylene dibromide	0.0013	U	1	0.003	0.0013	U	1	0.003	0.0013	U	1	0.003
Hexachlorobutadiene	0.0006	U	1	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005
Isopropylbenzene	0.0004	U	1	0.008	0.0004	U	1	0.008	0.0004	U	1	0.008
Isopropyltoluene, 4- (Cymene, p-)	0.0005	U	1	0.006	0.0005	U	1	0.006	0.0005	U	1	0.006
Methylene chloride	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005
Naphthalene	0.001	U	1	0.02	0.003	F	1	0.02	0.001	F	1	0.02
Propylbenzene, N-	0.0008	U	1	0.002	0.0008	U	1	0.002	0.0008	U	1	0.002
Styrene	0.0013	U	1	0.002	0.0013	R	1	0.002	0.0013	R	1	0.002
Tetrachloroethane, 1,1,1,2-	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003
Tetrachloroethane, 1,1,2,2-	0.0005	U	1	0.002	0.0005	U	1	0.002	0.0005	U	1	0.002
Tetrachloroethene	0.0005	U	1	0.007	0.0005	U	1	0.007	0.0005	U	1	0.007
Toluene	0.0003	U	1	0.005	0.0003	U	1	0.005	0.0003	U	1	0.005
Trichlorobenzene, 1,2,3-	0.0008	U	1	0.004	0.0013	F	1	0.004	0.0008	U	1	0.004
Trichlorobenzene, 1,2,4-	0.0006	U	1	0.004	0.0015	F	1	0.004	0.0006	U	1	0.004
Trichloroethane, 1,1,1-	0.0004	U	1	0.004	0.0004	U	1	0.004	0.0004	U	1	0.004
Trichloroethane, 1,1,2-	0.0003	U	1	0.005	0.0003	U	1	0.005	0.0003	U	1	0.005
Trichloroethene	0.001	U	1	0.01	0.001	U	1	0.01	0.001	U	1	0.01
Trichlorofluoromethane	0.0009	U	1	0.004	0.0009	U	1	0.004	0.0009	U	1	0.004
Trichloropropane, 1,2,3-	0.001	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02
Trimethylbenzene, 1,2,4-	0.0004	U	1	0.007	0.0004	U	1	0.007	0.0004	U	1	0.007
Trimethylbenzene, 1,3,5-	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003
Vinyl chloride	0.0008	U	1	0.009	0.0008	U	1	0.009	0.0008	U	1	0.009
Xylene (total)	-	-	-	-	-	-	-	-	-	-	-	-
Xylene, m,p-	0.0008	U	1	0.007	0.0008	U	1	0.007	0.0008	U	1	0.007
Xylene, o-	0.0004	U	1	0.005	0.0004	U	1	0.005	0.0004	U	1	0.005

Abbreviations/Notes:

DL	Dilution
FD1	Field Duplicate
MDL	Method Detection Limit
N1	Environmental Sample
-	Not Available
RL	Reporting Limit
SQL	Sample Quantitation Limit

Data Qualifiers:

F- The analyte was positively identified but the associated numerical value is below the RL.

J - The analyte was positively identified, the quantitation is an estimation.

M - A matrix effect was present.

U - The analyte was analyzed for, but not detected. The associated numerical value is the MDL

Appendix E
Analytical Results Summary, Soil and Rock
November 2000 to September 2001

Sample ID					CS-MW8-LGR				CS-MW8-LGR			
Sample Date					04/16/01				04/21/01			
Matrix					GR				GR			
Sample Type					N				N			
Beginning Depth					109.0				177.0			
End Depth					110.0				178.0			
Lab Sample ID					AP15683				AP15685			
Method	APPL		OBG									
Analyte	MDL	Lab RL	MDL	Lab RL	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL
D2216 (%)												
Total Solids					90.8				92.2			
SW6010B (MG/KG)												
Barium	0.08	1.0	0.0012	1	4.67	J	1	1.	4.85	J	1	1.
Chromium	0.1	20	0.0022	20	4.4	F	1	20.	4.8	F	1	20.
Copper	0.19	2.0	0.00045	2	2.04		1	2.	4.61		1	2.
Nickel	0.12	2.0	0.0011	2	6.49		1	2.	5.85		1	2.
Zinc	0.63	5.0	0.00093	2	4.29	F	1	5.	5.75		1	5.
SW7060A (MG/KG)												
Arsenic	0.04	0.5	0.00028	0.5	0.74		1	0.5	0.04	U	1	0.5
SW7131A (MG/KG)												
Cadmium	0.01	0.1	0.00021	0.1	0.03	F	1	0.1	0.07	F	1	0.1
SW7421 (MG/KG)												
Lead	0.13	0.5	0.00026	0.5	1.56	J	1	0.5	1.85	J	1	0.5
SW7471A (MG/KG)												
Mercury	0.01	0.1	0.0217	0.1	0.01	U	1	0.1	0.01	U	1	0.1
SW8260 (MG/KG)												
Benzene	0.0003	0.002	0.00012	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Bromobenzene	0.0003	0.002	0.00027	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Bromochloromethane	0.0004	0.002	0.00012	0.002	0.0004	U	1	0.002	0.0004	U	1	0.002
Bromodichloromethane	0.0003	0.004	0.0001	0.004	0.0003	U	1	0.004	0.0003	U	1	0.004
Bromoform	0.0005	0.006	0.00029	0.006	0.0005	U	1	0.006	0.0005	U	1	0.006
Bromomethane	0.0007	0.005	0.00024	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005
Butylbenzene, N-	0.001	0.005	0.00021	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005
Butylbenzene, sec-	0.0011	0.007	0.00011	0.007	0.0004	U	1	0.007	0.0004	U	1	0.007
Butylbenzene, tert-	0.0012	0.007	0.00013	0.007	0.0005	U	1	0.007	0.0005	U	1	0.007
Carbon tetrachloride	0.001	0.01	0.0002	0.01	0.001	U	1	0.01	0.001	U	1	0.01
Chlorobenzene	0.0003	0.002	0.0001	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Chloroethane	0.0009	0.005	0.00023	0.005	0.0009	U	1	0.005	0.0009	U	1	0.005
Chloroform	0.0003	0.002	0.00012	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Chlorohexane, 1-	0.0003	0.003	0.00018	0.003	0.0003	U	1	0.003	0.0003	U	1	0.003
Chloromethane	0.0008	0.007	0.00022	0.007	0.0008	U	1	0.007	0.0008	U	1	0.007
Chlorotoluene, 2-	0.0007	0.002	0.00014	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002
Chlorotoluene, 4-	0.0006	0.003	0.00016	0.003	0.0006	U	1	0.003	0.0006	U	1	0.003
Dibromo-3-chloropropane, 1,2-	0.007	0.01	0.0006	0.01	0.007	U	1	0.01	0.007	U	1	0.01
Dibromochloromethane	0.0009	0.003	0.00018	0.003	0.0003	U	1	0.003	0.0003	U	1	0.003
Dibromomethane	0.001	0.01	0.0003	0.01	0.001	U	1	0.01	0.001	U	1	0.01
Dichlorobenzene, 1,2-	0.0005	0.002	0.00013	0.002	0.0005	U	1	0.002	0.0005	U	1	0.002
Dichlorobenzene, 1,3-	0.0022	0.006	0.00016	0.006	0.0022	U	1	0.006	0.0022	U	1	0.006
Dichlorobenzene, 1,4-	0.0007	0.002	0.00039	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002
Dichlorodifluoromethane	0.0018	0.005	0.00014	0.005	0.0008	U	1	0.005	0.0008	U	1	0.005
Dichloroethane, 1,1-	0.0003	0.002	0.0001	0.002	0.0003	U	1	0.002	0.0003	U	1	0.002
Dichloroethane, 1,2-	0.0002	0.003	0.00011	0.003	0.0002	U	1	0.003	0.0002	U	1	0.003
Dichloroethene, 1,1-	0.0008	0.006	0.00021	0.006	0.0008	U	1	0.006	0.0008	U	1	0.006
Dichloroethene, cis-1,2-	0.0002	0.006	0.00021	0.006	0.0002	U	1	0.006	0.0002	U	1	0.006
Dichloroethene, trans-1,2-	0.0008	0.003	0.00024	0.003	0.0003	U	1	0.003	0.0003	U	1	0.003
Dichloropropane, 1,2-	0.0002	0.002	0.00024	0.002	0.0002	U	1	0.002	0.0002	U	1	0.002
Dichloropropane, 1,3-	0.0004	0.002	0.00012	0.002	0.0004	U	1	0.002	0.0004	U	1	0.002
Dichloropropane, 2,2-	0.001	0.02	0.0002	0.02	0.001	U	1	0.02	0.001	U	1	0.02
Dichloropropene, 1,1-	0.0006	0.005	0.0001	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005
Dichloropropene, cis-1,3-	0.0002	0.005	0.0001	0.005	0.0002	U	1	0.005	0.0002	U	1	0.005
Dichloropropene, trans-1,3-	0.0009	0.005	0.00026	0.005	0.0004	U	1	0.005	0.0004	U	1	0.005
Ethylbenzene	0.001	0.003	0.00012	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003
Ethylene dibromide	0.0013	0.003	0.00018	0.003	0.0013	U	1	0.003	0.0013	U	1	0.003
Hexachlorobutadiene	0.0011	0.005	0.00034	0.005	0.0006	U	1	0.005	0.0006	U	1	0.005
Isopropylbenzene	0.001	0.008	0.0001	0.008	0.0004	U	1	0.008	0.0004	U	1	0.008
Isopropyltoluene, 4- (Cymene, p-)	0.0012	0.006	0.0001	0.006	0.0005	U	1	0.006	0.0005	U	1	0.006
Methylene chloride	0.0013	0.005	0.00014	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005
Naphthalene	0.001	0.02	0.00028	0.005	0.001	U	1	0.02	0.001	U	1	0.02
Propylbenzene, N-	0.0012	0.002	0.0001	0.002	0.0008	U	1	0.002	0.0008	U	1	0.002
Styrene	0.0009	0.002	0.00015	0.0025	0.0013	U	1	0.002	0.0013	U	1	0.002
Tetrachloroethane, 1,1,1,2-	0.0004	0.003	0.00028	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003
Tetrachloroethane, 1,1,2,2-	0.0005	0.002	0.0003	0.0025	0.0005	U	1	0.002	0.0005	U	1	0.002
Tetrachloroethene	0.0008	0.007	0.00016	0.007	0.0005	U	1	0.007	0.0005	U	1	0.007
Toluene	0.0003	0.005	0.00015	0.005	0.0003	U	1	0.005	0.0003	U	1	0.005
Trichlorobenzene, 1,2,3-	0.0008	0.004	0.00025	0.002	0.0008	U	1	0.004	0.0008	U	1	0.004
Trichlorobenzene, 1,2,4-	0.0006	0.004	0.00034	0.002	0.0006	U	1	0.004	0.0006	U	1	0.004
Trichloroethane, 1,1,1-	0.0004	0.004	0.00015	0.004	0.0004	U	1	0.004	0.0004	U	1	0.004
Trichloroethane, 1,1,2-	0.0003	0.005	0.00027	0.005	0.0003	U	1	0.005	0.0003	U	1	0.005
Trichloroethene	0.0012	0.01	0.0002	0.01	0.001	U	1	0.01	0.001	U	1	0.01
Trichlorofluoromethane	0.0013	0.004	0.00013	0.004	0.0009	U	1	0.004	0.0009	U	1	0.004
Trichloropropane, 1,2,3-	0.001	0.02	0.0002	0.02	0.001	U	1	0.02	0.001	U	1	0.02
Trimethylbenzene, 1,2,4-	0.0004	0.007	0.00013	0.007	0.0004	U	1	0.007	0.0004	U	1	0.007
Trimethylbenzene, 1,3,5-	0.0004	0.003	0.00013	0.003	0.0004	U	1	0.003	0.0004	U	1	0.003
Vinyl chloride	0.0034	0.009	0.00026	0.009	0.0008	U	1	0.009	0.0008	U	1	0.009
Xylene (total)	-	-	0.00022	0.005	-	-	-	-	-	-	-	-
Xylene, m,p-	0.0018	0.007	0.00022	0.007	0.0008	U	1	0.007	0.0008	U	1	0.007
Xylene, o-	0.0007	0.005	0.00013	0.005	0.0004	U	1	0.005	0.0004	U	1	0.005

Sample ID	CS-MW8CC				CS-MW8CC				CS-MW9-CC			
Sample Date	06/04/01				06/04/01				11/19/00			
Matrix	CC				CC				GR			
Sample Type	N				N				N			
Beginning Depth	462.5				472.5				27.7			
End Depth	463.0				473.0				28.2			
Lab Sample ID	AP17688				AP17689				AP99477			
Method / Analyte	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL
D2216 (%)												
Total Solids	87.6				90.1				81.6			
SW6010B (MG/KG)												
Barium	1.05		1	1.	1.63		1	1.	5.66		1	2.
Chromium	3.1	F	1	20.	4.6	F	1	20.	3.4	F	1	40.
Copper	0.62	F	1	2.	0.73	F	1	2.	1.04	F	1	2.
Nickel	2.65		1	2.	3.46		1	2.	1.5	F	1	2.
Zinc	10.18		1	5.	2.99	F	1	5.	1.26	U	1	5.
SW7060A (MG/KG)												
Arsenic	0.04	J	1	0.5	0.04	J	1	0.5	0.08	J, U	1	0.5
SW7131A (MG/KG)												
Cadmium	0.27		1	0.1	0.01	U	1	0.1	0.02	U	1	0.1
SW7421 (MG/KG)												
Lead	0.63		1	0.5	1.05		1	0.5	1.48		1	0.5
SW7471A (MG/KG)												
Mercury	0.01	U	1	0.1	0.01	U	1	0.1	0.1	F	1	0.1
SW8260 (MG/KG)												
Benzene	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0006	U	1	0.004
Bromobenzene	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0006	U	1	0.004
Bromochloromethane	0.0004	U	1	0.002	0.0004	U	1	0.002	0.0008	U	1	0.004
Bromodichloromethane	0.0003	U	1	0.004	0.0003	U	1	0.004	0.0006	U	1	0.008
Bromoform	0.0005	U	1	0.006	0.0005	U	1	0.006	0.001	U	1	0.012
Bromomethane	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0014	U	1	0.01
Butylbenzene, N-	0.0006	U	1	0.05	0.0006	U	1	0.05	0.0012	U	1	0.01
Butylbenzene, sec-	0.0004	U	1	0.007	0.0004	U	1	0.007	0.0008	U	1	0.014
Butylbenzene, tert-	0.0005	U	1	0.007	0.0005	U	1	0.007	0.001	U	1	0.014
Carbon tetrachloride	0.001	U	1	0.05	0.001	U	1	0.05	0.002	U	1	0.02
Chlorobenzene	0.0003	U	1	0.01	0.0003	U	1	0.01	0.0006	U	1	0.004
Chloroethane	0.0009	U	1	0.005	0.0009	U	1	0.005	0.0018	U	1	0.01
Chloroform	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0006	U	1	0.004
Chlorohexane, 1-	0.0003	U	1	0.003	0.0003	U	1	0.003	0.0006	U	1	0.006
Chloromethane	0.0008	U	1	0.007	0.0008	U	1	0.007	0.0016	U	1	0.014
Chlorotoluene, 2-	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0014	U	1	0.004
Chlorotoluene, 4-	0.0006	U	1	0.003	0.0006	U	1	0.003	0.0012	U	1	0.006
Dibromo-3-chloropropane, 1,2-	0.007	U	1	0.01	0.007	U	1	0.01	0.014	U	1	0.02
Dibromochloromethane	0.0003	U	1	0.003	0.0003	U	1	0.003	0.0006	U	1	0.006
Dibromomethane	0.001	U	1	0.01	0.001	U	1	0.01	0.002	U	1	0.02
Dichlorobenzene, 1,2-	0.0005	U	1	0.002	0.0005	U	1	0.002	0.001	U	1	0.004
Dichlorobenzene, 1,3-	0.0022	U	1	0.006	0.0022	U	1	0.006	0.0044	U	1	0.012
Dichlorobenzene, 1,4-	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0014	U	1	0.004
Dichlorodifluoromethane	0.0008	U	1	0.005	0.0008	U	1	0.005	0.0016	U	1	0.01
Dichloroethane, 1,1-	0.0003	U	1	0.002	0.0003	U	1	0.002	0.0006	U	1	0.004
Dichloroethane, 1,2-	0.0002	U	1	0.003	0.0002	U	1	0.003	0.0004	U	1	0.006
Dichloroethene, 1,1-	0.0008	U	1	0.006	0.0008	U	1	0.006	0.0016	U	1	0.012
Dichloroethene, cis-1,2-	0.0002	U	1	0.006	0.0002	U	1	0.006	0.0004	U	1	0.012
Dichloroethene, trans-1,2-	0.0003	U	1	0.003	0.0003	U	1	0.003	0.0006	U	1	0.006
Dichloropropane, 1,2-	0.0002	U	1	0.002	0.0002	U	1	0.002	0.0004	U	1	0.004
Dichloropropane, 1,3-	0.0004	U	1	0.002	0.0004	U	1	0.002	0.0008	U	1	0.004
Dichloropropane, 2,2-	0.001	U	1	0.02	0.001	U	1	0.02	0.002	U	1	0.04
Dichloropropene, 1,1-	0.0006	U	1	0.005	0.0006	U	1	0.005	0.0012	U	1	0.01
Dichloropropene, cis-1,3-	0.0002	U	1	0.005	0.0002	U	1	0.005	0.0004	U	1	0.01
Dichloropropene, trans-1,3-	0.0004	U	1	0.005	0.0004	U	1	0.005	0.0008	U	1	0.01
Ethylbenzene	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0008	U	1	0.006
Ethylene dibromide	0.0013	U	1	0.003	0.0013	U	1	0.003	0.0026	U	1	0.006
Hexachlorobutadiene	0.0006	U	1	0.005	0.0006	U	1	0.005	0.0012	U	1	0.01
Isopropylbenzene	0.0004	U	1	0.008	0.0004	U	1	0.008	0.0008	U	1	0.016
Isopropyltoluene, 4- (Cymene, p-)	0.0005	U	1	0.006	0.0005	U	1	0.006	0.001	U	1	0.012
Methylene chloride	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0014	U	1	0.01
Naphthalene	0.001	U	1	0.02	0.001	U	1	0.02	0.002	U	1	0.04
Propylbenzene, N-	0.0008	U	1	0.002	0.0008	U	1	0.002	0.0016	U	1	0.004
Styrene	0.0013	U	1	0.002	0.0013	U	1	0.002	0.0026	U	1	0.004
Tetrachloroethane, 1,1,1,2-	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0008	U	1	0.006
Tetrachloroethane, 1,1,2,2-	0.0005	U	1	0.002	0.0005	U	1	0.002	0.001	U	1	0.004
Tetrachloroethene	0.0005	U	1	0.007	0.0005	U	1	0.007	0.001	U	1	0.014
Toluene	0.0003	U	1	0.005	0.0003	U	1	0.005	0.0006	U	1	0.01
Trichlorobenzene, 1,2,3-	0.0008	U	1	0.004	0.0008	U	1	0.004	0.0016	U	1	0.008
Trichlorobenzene, 1,2,4-	0.0006	U	1	0.004	0.0006	U	1	0.004	0.0012	U	1	0.008
Trichloroethane, 1,1,1-	0.0004	U	1	0.004	0.0004	U	1	0.004	0.0008	U	1	0.008
Trichloroethane, 1,1,2-	0.0003	U	1	0.005	0.0003	U	1	0.005	0.0006	U	1	0.01
Trichloroethene	0.001	U	1	0.01	0.001	U	1	0.01	0.002	U	1	0.02
Trichlorofluoromethane	0.0009	U	1	0.004	0.0009	U	1	0.004	0.0018	U	1	0.008
Trichloropropane, 1,2,3-	0.001	U	1	0.02	0.001	U	1	0.02	0.002	U	1	0.04
Trimethylbenzene, 1,2,4-	0.0004	U	1	0.007	0.0004	U	1	0.007	0.0008	U	1	0.014
Trimethylbenzene, 1,3,5-	0.0004	U	1	0.003	0.0004	U	1	0.003	0.0008	U	1	0.006
Vinyl chloride	0.0008	U	1	0.009	0.0008	U	1	0.009	0.0016	U	1	0.018
Xylene (total)	-	-	-	-	-	-	-	-	-	-	-	-
Xylene, m,p-	0.0008	U	1	0.007	0.0008	U	1	0.007	0.0016	U	1	0.014
Xylene, o-	0.0004	U	1	0.005	0.0004	U	1	0.005	0.0008	U	1	0.01

Sample ID	CS-MW9-CC				CS-MW9-CC				CS-MW9-CC			
Sample Date	11/20/00				11/21/00				12/20/00			
Matrix	GR				BS				BS			
Sample Type	N				N				N			
Beginning Depth	156.0				326.0				340.5			
End Depth	156.5				326.5				341.0			
Lab Sample ID	AP99478				AP99481				AP10960			
Method / Analyte	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL
D2216 (%)												
Total Solids	90.8				91.8				89.			
SW6010B (MG/KG)												
Barium	5.34		1	2.	45.58		1	2.	8.72	J	1	1.
Chromium	43.		1	40.	31.8	F	1	40.	19.6	F	1	20.
Copper	6.82		1	2.	14.88		1	2.	3.76		1	2.
Nickel	20.68		1	2.	125.86		1	2.	9.96	J	1	2.
Zinc	53.04		1	5.	183.20		1	5.	9.18		1	5.
SW7060A (MG/KG)												
Arsenic	7.42	J	1	0.5	0.08	J, U	1	0.5	8.55	J	5	2.5
SW7131A (MG/KG)												
Cadmium	0.28		1	0.1	0.1	F	1	0.1	0.01	J	1	0.1
SW7421 (MG/KG)												
Lead	2.28		1	0.5	0.58	F	1	0.5	2.75		1	0.5
SW7471A (MG/KG)												
Mercury	0.04	F	1	0.1	0.04	F	1	0.1	0.03	F	1	0.1
SW8260 (MG/KG)												
Benzene	0.0006	U	1	0.004	0.0006	U	1	0.004	0.0005	R	1	0.002
Bromobenzene	0.0006	U	1	0.004	0.0006	U	1	0.004	0.0003	R	1	0.002
Bromochloromethane	0.0008	U	1	0.004	0.0008	U	1	0.004	0.0004	R	1	0.002
Bromodichloromethane	0.0006	U	1	0.008	0.0006	U	1	0.008	0.0003	R	1	0.004
Bromoform	0.001	U	1	0.012	0.001	U	1	0.012	0.0005	R	1	0.006
Bromomethane	0.0014	U	1	0.01	0.0014	U	1	0.01	0.0007	R	1	0.005
Butylbenzene, N-	0.0012	U	1	0.01	0.0012	U	1	0.01	0.0006	R	1	0.005
Butylbenzene, sec-	0.0008	U	1	0.014	0.0008	U	1	0.014	0.0004	R	1	0.007
Butylbenzene, tert-	0.001	U	1	0.014	0.001	U	1	0.014	0.0005	R	1	0.007
Carbon tetrachloride	0.002	U	1	0.02	0.002	U	1	0.02	0.001	R	1	0.01
Chlorobenzene	0.0006	U	1	0.004	0.0006	U	1	0.004	0.0003	R	1	0.002
Chloroethane	0.0018	U	1	0.01	0.0018	U	1	0.01	0.0009	R	1	0.005
Chloroform	0.0006	U	1	0.004	0.0006	U	1	0.004	0.0003	R	1	0.002
Chlorohexane, 1-	0.0006	U	1	0.006	0.0006	U	1	0.006	0.0003	R	1	0.003
Chloromethane	0.0016	U	1	0.014	0.0016	U	1	0.014	0.0008	R	1	0.007
Chlorotoluene, 2-	0.0014	U	1	0.004	0.0014	U	1	0.004	0.0007	R	1	0.002
Chlorotoluene, 4-	0.0012	U	1	0.006	0.0012	U	1	0.006	0.0006	R	1	0.003
Dibromo-3-chloropropane, 1,2-	0.014	U	1	0.02	0.014	U	1	0.02	0.007	R	1	0.01
Dibromochloromethane	0.0006	U	1	0.006	0.0006	U	1	0.006	0.0003	R	1	0.003
Dibromomethane	0.002	U	1	0.02	0.002	U	1	0.02	0.001	R	1	0.01
Dichlorobenzene, 1,2-	0.001	U	1	0.004	0.001	U	1	0.004	0.0005	R	1	0.002
Dichlorobenzene, 1,3-	0.0044	U	1	0.012	0.0044	U	1	0.012	0.0022	R	1	0.006
Dichlorobenzene, 1,4-	0.0014	U	1	0.004	0.0014	U	1	0.004	0.0007	R	1	0.002
Dichlorodifluoromethane	0.0016	U	1	0.01	0.0016	U	1	0.01	0.0008	R	1	0.005
Dichloroethane, 1,1-	0.0006	U	1	0.004	0.0006	U	1	0.004	0.0003	R	1	0.002
Dichloroethane, 1,2-	0.0004	U	1	0.006	0.0004	U	1	0.006	0.0002	R	1	0.003
Dichloroethene, 1,1-	0.0016	U	1	0.012	0.0016	U	1	0.012	0.0008	R	1	0.006
Dichloroethene, cis-1,2-	0.0004	U	1	0.012	0.0004	U	1	0.012	0.0002	R	1	0.006
Dichloroethene, trans-1,2-	0.0006	U	1	0.006	0.0006	U	1	0.006	0.0003	R	1	0.003
Dichloropropane, 1,2-	0.0004	U	1	0.004	0.0004	U	1	0.004	0.0002	R	1	0.002
Dichloropropane, 1,3-	0.0008	U	1	0.004	0.0008	U	1	0.004	0.0004	R	1	0.002
Dichloropropane, 2,2-	0.002	U	1	0.04	0.002	U	1	0.04	0.001	R	1	0.02
Dichloropropene, 1,1-	0.0012	U	1	0.01	0.0012	U	1	0.01	0.0006	R	1	0.005
Dichloropropene, cis-1,3-	0.0004	U	1	0.01	0.0004	U	1	0.01	0.0002	R	1	0.005
Dichloropropene, trans-1,3-	0.0008	U	1	0.01	0.0008	U	1	0.01	0.0004	R	1	0.005
Ethylbenzene	0.0008	U	1	0.006	0.0008	U	1	0.006	0.0004	R	1	0.003
Ethylene dibromide	0.0026	U	1	0.006	0.0026	U	1	0.006	0.0013	R	1	0.003
Hexachlorobutadiene	0.0012	U	1	0.01	0.0012	U	1	0.01	0.0006	R	1	0.005
Isopropylbenzene	0.0008	U	1	0.016	0.0008	U	1	0.016	0.0004	R	1	0.008
Isopropyltoluene, 4- (Cymene, p-)	0.001	U	1	0.012	0.001	U	1	0.012	0.0005	R	1	0.006
Methylene chloride	0.0014	U	1	0.01	0.0014	U	1	0.01	0.0007	R	1	0.005
Naphthalene	0.002	U	1	0.04	0.002	U	1	0.04	0.001	R	1	0.02
Propylbenzene, N-	0.0016	U	1	0.004	0.0016	U	1	0.004	0.0008	R	1	0.002
Styrene	0.0026	U	1	0.004	0.0026	U	1	0.004	0.0013	R	1	0.002
Tetrachloroethane, 1,1,1,2-	0.0008	U	1	0.006	0.0008	U	1	0.006	0.0004	R	1	0.003
Tetrachloroethane, 1,1,2,2-	0.001	U	1	0.004	0.001	U	1	0.004	0.0005	R	1	0.002
Tetrachloroethene	0.001	U	1	0.014	0.001	U	1	0.014	0.0005	R	1	0.007
Toluene	0.0006	U	1	0.01	0.0006	U	1	0.01	0.0008	R	1	0.005
Trichlorobenzene, 1,2,3-	0.0016	U	1	0.008	0.0016	U	1	0.008	0.0008	R	1	0.004
Trichlorobenzene, 1,2,4-	0.0012	U	1	0.008	0.0012	U	1	0.008	0.0007	R	1	0.004
Trichloroethane, 1,1,1-	0.0008	U	1	0.008	0.0008	U	1	0.008	0.0004	R	1	0.004
Trichloroethane, 1,1,2-	0.0006	U	1	0.01	0.0006	U	1	0.01	0.0003	R	1	0.005
Trichloroethene	0.002	U	1	0.02	0.002	U	1	0.02	0.001	R	1	0.01
Trichlorofluoromethane	0.0018	U	1	0.008	0.0018	U	1	0.008	0.0009	R	1	0.004
Trichloropropane, 1,2,3-	0.002	U	1	0.04	0.002	U	1	0.04	0.001	R	1	0.02
Trimethylbenzene, 1,2,4-	0.0008	U	1	0.014	0.0008	U	1	0.014	0.0004	R	1	0.007
Trimethylbenzene, 1,3,5-	0.0008	U	1	0.006	0.0008	U	1	0.006	0.0004	R	1	0.003
Vinyl chloride	0.0016	U	1	0.018	0.0016	U	1	0.018	0.0008	R	1	0.009
Xylene (total)	-	-	-	-	-	-	-	-	-	-	-	-
Xylene, m,p-	0.0016	U	1	0.014	0.0016	U	1	0.014	0.0008	R	1	0.007
Xylene, o-	0.0008	U	1	0.01	0.0008	U	1	0.01	0.0004	R	1	0.005

Sample ID	CS-MW9-CC				CS-MW9-CC			
Sample Date	01/03/01				01/08/01			
Matrix	CC				CC			
Sample Type	N				N			
Beginning Depth	397.0				433.0			
End Depth	397.5				435.0			
Lab Sample ID	AP11142				AP11178			
Method / Analyte	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL
D2216 (%)								
Total Solids	91.1				87.1			
SW6010B (MG/KG)								
Barium	1.46		1	1.	2.1		1	1.
Chromium	2.	F	1	20.	8.4	F	1	20.
Copper	0.87	F	1	2.	1.66	F	1	2.
Nickel	3.44		1	2.	7.84	M	1	2.
Zinc	7.39		1	5.	5.77		1	5.
SW7060A (MG/KG)								
Arsenic	0.21	F	1	0.5	1.11	M	1	0.5
SW7131A (MG/KG)								
Cadmium	0.12		1	0.1	0.01	U	1	0.1
SW7421 (MG/KG)								
Lead	0.67		1	0.5	0.81	J	1	0.5
SW7471A (MG/KG)								
Mercury	0.01	U	1	0.1	0.01	U	1	0.1
SW8260 (MG/KG)								
Benzene	0.0003	U	1	0.002	0.0003	U	1	0.002
Bromobenzene	0.0003	U	1	0.002	0.0003	U	1	0.002
Bromochloromethane	0.0004	U	1	0.002	0.0004	U	1	0.002
Bromodichloromethane	0.0003	U	1	0.004	0.0003	U	1	0.004
Bromoform	0.0005	U	1	0.006	0.0005	U	1	0.006
Bromomethane	0.0007	U	1	0.005	0.0007	U	1	0.005
Butylbenzene, N-	0.0006	U	1	0.005	0.0006	M	1	0.005
Butylbenzene, sec-	0.0004	U	1	0.007	0.0004	M	1	0.007
Butylbenzene, tert-	0.0005	U	1	0.007	0.0005	M	1	0.007
Carbon tetrachloride	0.001	U	1	0.01	0.001	U	1	0.01
Chlorobenzene	0.0003	U	1	0.002	0.0003	U	1	0.002
Chloroethane	0.0009	U	1	0.005	0.0009	U	1	0.005
Chloroform	0.0003	U	1	0.002	0.0003	U	1	0.002
Chlorohexane, 1-	0.0003	U	1	0.003	0.0003	U	1	0.003
Chloromethane	0.0008	U	1	0.007	0.0008	U	1	0.007
Chlorotoluene, 2-	0.0007	U	1	0.002	0.0007	M	1	0.002
Chlorotoluene, 4-	0.0006	U	1	0.003	0.0006	U	1	0.003
Dibromo-3-chloropropane, 1,2-	0.007	U	1	0.01	0.007	M	1	0.01
Dibromochloromethane	0.0003	U	1	0.003	0.0003	U	1	0.003
Dibromomethane	0.001	U	1	0.01	0.001	U	1	0.01
Dichlorobenzene, 1,2-	0.0005	U	1	0.002	0.0005	M	1	0.002
Dichlorobenzene, 1,3-	0.0022	U	1	0.006	0.0022	M	1	0.006
Dichlorobenzene, 1,4-	0.0007	U	1	0.002	0.0007	M	1	0.002
Dichlorodifluoromethane	0.0008	U	1	0.005	0.0008	U	1	0.005
Dichloroethane, 1,1-	0.0003	U	1	0.002	0.0003	U	1	0.002
Dichloroethane, 1,2-	0.0002	U	1	0.003	0.0002	U	1	0.003
Dichloroethene, 1,1-	0.0008	U	1	0.006	0.0008	U	1	0.006
Dichloroethene, cis-1,2-	0.0002	U	1	0.006	0.0002	U	1	0.006
Dichloroethene, trans-1,2-	0.0003	U	1	0.003	0.0003	U	1	0.003
Dichloropropane, 1,2-	0.0002	U	1	0.002	0.0002	U	1	0.002
Dichloropropane, 1,3-	0.0004	U	1	0.002	0.0004	U	1	0.002
Dichloropropane, 2,2-	0.001	U	1	0.02	0.001	U	1	0.02
Dichloropropene, 1,1-	0.0006	U	1	0.005	0.0006	U	1	0.005
Dichloropropene, cis-1,3-	0.0002	U	1	0.005	0.0002	U	1	0.005
Dichloropropene, trans-1,3-	0.0004	U	1	0.005	0.0004	U	1	0.005
Ethylbenzene	0.0004	U	1	0.003	0.0004	U	1	0.003
Ethylene dibromide	0.0013	U	1	0.003	0.0013	U	1	0.003
Hexachlorobutadiene	0.0006	U	1	0.005	0.0006	M	1	0.005
Isopropylbenzene	0.0004	U	1	0.008	0.0004	M	1	0.008
Isopropyltoluene, 4- (Cymene, p-)	0.0005	U	1	0.006	0.0005	M	1	0.006
Methylene chloride	0.0007	U	1	0.005	0.0007	U	1	0.005
Naphthalene	0.001	R	1	0.02	0.001	M	1	0.02
Propylbenzene, N-	0.0008	U	1	0.002	0.0008	M	1	0.002
Styrene	0.0013	U	1	0.002	0.0013	U	1	0.002
Tetrachloroethane, 1,1,1,2-	0.0004	U	1	0.003	0.0004	U	1	0.003
Tetrachloroethane, 1,1,2,2-	0.0005	U	1	0.002	0.0005	U	1	0.002
Tetrachloroethene	0.0005	U	1	0.007	0.0005	U	1	0.007
Toluene	0.001	U	1	0.005	0.0005	F	1	0.005
Trichlorobenzene, 1,2,3-	0.0008	U	1	0.004	0.0008	M	1	0.004
Trichlorobenzene, 1,2,4-	0.0006	U	1	0.004	0.0006	M	1	0.004
Trichloroethane, 1,1,1-	0.0004	U	1	0.004	0.0004	U	1	0.004
Trichloroethane, 1,1,2-	0.0003	U	1	0.005	0.0003	U	1	0.005
Trichloroethene	0.001	U	1	0.01	0.001	U	1	0.01
Trichlorofluoromethane	0.0009	U	1	0.004	0.0009	U	1	0.004
Trichloropropane, 1,2,3-	0.001	U	1	0.02	0.001	U	1	0.02
Trimethylbenzene, 1,2,4-	0.0004	U	1	0.007	0.0004	M	1	0.007
Trimethylbenzene, 1,3,5-	0.0004	U	1	0.003	0.0004	M	1	0.003
Vinyl chloride	0.0008	U	1	0.009	0.0008	U	1	0.009
Xylene (total)	-	-	-	-	-	-	-	-
Xylene, m,p-	0.0008	U	1	0.007	0.0008	U	1	0.007
Xylene, o-	0.0004	U	1	0.005	0.0004	U	1	0.005

Abbreviations/Notes:
DL Dilution
FD1 Field Duplicate
MDL Method Detection Limit
N1 Environmental Sample
\- Not Available
RL Reporting Limit
SQL Sample Quantitation Limit

Data Qualifiers:
F- The analyte was positively identified but the associated numerical value is below the RL.

J - The analyte was positively identified, the quantitation is an estimation.

M - A matrix effect was present.

U - The analyte was analyzed for, but not detected. The associated numerical value is the MDL

Appendix E
Analytical Results Summary, Soil and Rock
November 2000 to September 2001

Sample ID					CS-MW10-CC				CS-MW10-CC				CS-MW10-CC				CS-MW10-CC				CS-MW10-CC				CS-MW10-CC				CS-MW10-CC			
Sample Date					08/15/01				08/21/01				09/11/01				09/11/01				09/11/01				09/12/01				09/12/01			
Matrix					GR				GR				BS				BS				BS				CC				HS			
Sample Type					N				N				N				FD				N				N				N			
Beginning Depth					25.0				394.0				448.5				448.5				455.2				494.5				534.2			
End Depth					25.5				394.5				449.5				449.5				455.7				495.0				534.7			
Lab Sample ID					AP21008				AP21472				AP22194				AD22194				AP22195				AP22196				AP22197			
Method	**APPL**		**OBG**																													
Analyte	**MDL**	**Lab RL**	**MDL**	**Lab RL**	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL	Results	Flag	Dilution	SQL
D2216 (%)																																
Total Solids					90.7				94.2				78.9				87.9				92.4				89.5				91.9			
SW6010B (MG/KG)																																
Barium	0.08	1.0	0.0012	1	6.43	J	1	1.	4.7		1	1.	15.86		1	1.	14.6		1	1.	13.31		1	1.	0.95	F	1	1.	5.64		1	1.
Chromium	0.1	20	0.0022	20	4.5	F	1	20.	4.4	F	1	20.	47.7		1	20.	41.4		1	20.	52.6		1	20.	3.2	F	1	20.	13.8	F	1	20.
Copper	0.19	2.0	0.00045	2	2.66		1	2.	1.45	F	1	2.	8.01		1	2.	7.92		1	2.	7.24		1	2.	0.44	F	1	2.	4.56		1	2.
Nickel	0.12	2.0	0.0011	2	3.89		1	2.	12.34		1	2.	16.94		1	2.	15.88		1	2.	17.48		1	2.	3.34		1	2.	12.73		1	2.
Zinc	0.63	5.0	0.00093	2	6.58		1	5.	10.81		1	5.	22.78		1	5.	20.99		1	5.	35.70		1	5.	19.69		1	5.	5.75	J	1	5.
SW7060A (MG/KG)																																
Arsenic	0.04	0.5	0.00028	0.5	1.28	J	1	0.5	3.49	J	1	0.5	3.27		5	2.5	3.76		5	2.5	5.1		5	2.5	0.2	U	5	2.5	3.84		1	0.5
SW7131A (MG/KG)																																
Cadmium	0.01	0.1	0.00021	0.1	0.05	F	1	0.1	0.07	F	1	0.1	0.12		1	0.1	0.11		1	0.1	0.36		4	0.4	0.37		4	0.4	0.02	F	1	0.1
SW7421 (MG/KG)																																
Lead	0.13	0.5	0.00026	0.5	4.05		1	0.5	3.56		1	0.5	3.68		1	0.5	4.22		1	0.5	2.38		1	0.5	0.13	U	1	0.5	5.18		1	0.5
SW7471A (MG/KG)																																
Mercury	0.01	0.1	0.0217	0.1	0.01	U	1	0.1	0.01	U	1	0.1	0.01	U	1	0.1	0.01	U	1	0.1	0.01	U	1	0.1	0.01	U	1	0.1	0.01	U	1	0.1
SW8260 (MG/KG)																																
Benzene	0.0003	0.002	0.00012	0.002	0.0009	U	1	0.002	0.0009	U	1	0.002	0.0009	U	1	0.002	-	-	-	-	0.0009	U	1	0.002	0.0009	U	1	0.002	0.0009	U	1	0.002
Bromobenzene	0.0003	0.002	0.00027	0.002	0.0009	U	1	0.002	0.0009	U	1	0.002	0.0011	F	1	0.002	-	-	-	-	0.0009	U	1	0.002	0.0009	U	1	0.002	0.0009	U	1	0.002
Bromochloromethane	0.0004	0.002	0.00012	0.002	0.0008	U	1	0.002	0.0008	U	1	0.002	0.0008	U	1	0.002	-	-	-	-	0.0008	U	1	0.002	0.0008	U	1	0.002	0.0008	U	1	0.002
Bromodichloromethane	0.0003	0.004	0.0001	0.004	0.0009	U	1	0.004	0.0009	U	1	0.004	0.0009	U	1	0.004	-	-	-	-	0.0009	U	1	0.004	0.0009	U	1	0.004	0.0009	U	1	0.004
Bromoform	0.0005	0.006	0.00029	0.006	0.0011	U	1	0.006	0.0011	U	1	0.006	0.0011	U	1	0.006	-	-	-	-	0.0011	U	1	0.006	0.0011	U	1	0.006	0.0011	U	1	0.006
Bromomethane	0.0007	0.005	0.00024	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005	-	-	-	-	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005
Butylbenzene, N-	0.001	0.005	0.00021	0.005	0.001	U	1	0.005	0.001	U	1	0.005	0.001	U	1	0.005	-	-	-	-	0.001	U	1	0.005	0.001	U	1	0.005	0.001	U	1	0.005
Butylbenzene, sec-	0.0011	0.007	0.00011	0.007	0.0011	U	1	0.007	0.0011	U	1	0.007	0.0011	U	1	0.007	-	-	-	-	0.0011	U	1	0.007	0.0011	U	1	0.007	0.0011	U	1	0.007
Butylbenzene, tert-	0.0012	0.007	0.00013	0.007	0.0012	U	1	0.007	0.0012	U	1	0.007	0.0012	U	1	0.007	-	-	-	-	0.0012	U	1	0.007	0.0012	U	1	0.007	0.0012	U	1	0.007
Carbon tetrachloride	0.001	0.01	0.0002	0.01	0.001	U	1	0.01	0.001	U	1	0.01	0.001	U	1	0.01	-	-	-	-	0.001	U	1	0.01	0.001	U	1	0.01	0.001	U	1	0.01
Chlorobenzene	0.0003	0.002	0.0001	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002	-	-	-	-	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002
Chloroethane	0.0009	0.005	0.00023	0.005	0.0015	U	1	0.005	0.0015	U	1	0.005	0.0015	U	1	0.005	-	-	-	-	0.0015	U	1	0.005	0.0015	U	1	0.005	0.0015	U	1	0.005
Chloroform	0.0003	0.002	0.00012	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002	-	-	-	-	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002
Chlorohexane, 1-	0.0003	0.003	0.00018	0.003	0.0009	U	1	0.003	0.0009	U	1	0.003	0.0009	U	1	0.003	-	-	-	-	0.0009	U	1	0.003	0.0009	U	1	0.003	0.0009	U	1	0.003
Chloromethane	0.0008	0.007	0.00022	0.007	0.0015	U	1	0.007	0.0015	U	1	0.007	0.0015	U	1	0.007	-	-	-	-	0.0015	U	1	0.007	0.0015	U	1	0.007	0.0015	U	1	0.007
Chlorotoluene, 2-	0.0007	0.002	0.00014	0.002	0.0013	U	1	0.002	0.0013	U	1	0.002	0.0013	U	1	0.002	-	-	-	-	0.0013	U	1	0.002	0.0013	U	1	0.002	0.0013	U	1	0.002
Chlorotoluene, 4-	0.0006	0.003	0.00016	0.003	0.0011	U	1	0.003	0.0011	U	1	0.003	0.0011	U	1	0.003	-	-	-	-	0.0011	U	1	0.003	0.0011	U	1	0.003	0.0011	U	1	0.003
Dibromo-3-chloropropane, 1,2-	0.007	0.01	0.0006	0.01	0.002	U	1	0.01	0.002	U	1	0.01	0.002	U	1	0.01	-	-	-	-	0.002	U	1	0.01	0.002	U	1	0.01	0.002	U	1	0.01
Dibromochloromethane	0.0009	0.003	0.00018	0.003	0.0009	U	1	0.003	0.0009	U	1	0.003	0.0009	U	1	0.003	-	-	-	-	0.0009	U	1	0.003	0.0009	U	1	0.003	0.0009	U	1	0.003
Dibromomethane	0.001	0.01	0.0003	0.01	0.001	U	1	0.01	0.001	U	1	0.01	0.001	U	1	0.01	-	-	-	-	0.001	U	1	0.01	0.001	U	1	0.01	0.001	U	1	0.01
Dichlorobenzene, 1,2-	0.0005	0.002	0.00013	0.002	0.001	U	1	0.002	0.001	U	1	0.002	0.001	U	1	0.002	-	-	-	-	0.001	U	1	0.002	0.001	U	1	0.002	0.001	U	1	0.002
Dichlorobenzene, 1,3-	0.0022	0.006	0.00016	0.006	0.0011	U	1	0.006	0.0011	U	1	0.006	0.0011	U	1	0.006	-	-	-	-	0.0011	U	1	0.006	0.0011	U	1	0.006	0.0011	U	1	0.006
Dichlorobenzene, 1,4-	0.0007	0.002	0.00039	0.002	0.0008	U	1	0.002	0.0008	U	1	0.002	0.0015	F	1	0.002	-	-	-	-	0.0008	U	1	0.002	0.0008	U	1	0.002	0.0008	U	1	0.002
Dichlorodifluoromethane	0.0018	0.005	0.00014	0.005	0.0018	U	1	0.005	0.0018	U	1	0.005	0.0018	U	1	0.005	-	-	-	-	0.0018	U	1	0.005	0.0018	U	1	0.005	0.0018	U	1	0.005
Dichloroethane, 1,1-	0.0003	0.002	0.0001	0.002	0.001	U	1	0.002	0.001	U	1	0.002	0.001	U	1	0.002	-	-	-	-	0.001	U	1	0.002	0.001	U	1	0.002	0.001	U	1	0.002
Dichloroethane, 1,2-	0.0002	0.003	0.00011	0.003	0.001	U	1	0.003	0.001	U	1	0.003	0.001	U	1	0.003	-	-	-	-	0.001	U	1	0.003	0.001	U	1	0.003	0.001	U	1	0.003
Dichloroethene, 1,1-	0.0008	0.006	0.00021	0.006	0.0011	U	1	0.006	0.0011	U	1	0.006	0.0011	U	1	0.006	-	-	-	-	0.0011	U	1	0.006	0.0011	U	1	0.006	0.0011	U	1	0.006
Dichloroethene, cis-1,2-	0.0002	0.006	0.00021	0.006	0.0008	U	1	0.006	0.0008	U	1	0.006	0.0008	U	1	0.006	-	-	-	-	0.0008	U	1	0.006	0.0008	U	1	0.006	0.0008	U	1	0.006
Dichloroethene, trans-1,2-	0.0008	0.003	0.00024	0.003	0.0008	U	1	0.003	0.0008	U	1	0.003	0.0008	U	1	0.003	-	-	-	-	0.0008	U	1	0.003	0.0008	U	1	0.003	0.0008	U	1	0.003
Dichloropropane, 1,2-	0.0002	0.002	0.00024	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002	-	-	-	-	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002
Dichloropropane, 1,3-	0.0004	0.002	0.00012	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002	-	-	-	-	0.0007	U	1	0.002	0.0007	U	1	0.002	0.0007	U	1	0.002
Dichloropropane, 2,2-	0.001	0.02	0.0002	0.02	0.001	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02	-	-	-	-	0.001	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02
Dichloropropene, 1,1-	0.0006	0.005	0.0001	0.005	0.0012	U	1	0.005	0.0012	U	1	0.005	0.0012	U	1	0.005	-	-	-	-	0.0012	U	1	0.005	0.0012	U	1	0.005	0.0012	U	1	0.005
Dichloropropene, cis-1,3-	0.0002	0.005	0.0001	0.005	0.0009	U	1	0.005	0.0009	U	1	0.005	0.0009	U	1	0.005	-	-	-	-	0.0009	U	1	0.005	0.0009	U	1	0.005	0.0009	U	1	0.005
Dichloropropene, trans-1,3-	0.0009	0.005	0.00026	0.005	0.0009	U	1	0.005	0.0009	U	1	0.005	0.0009	U	1	0.005	-	-	-	-	0.0009	U	1	0.005	0.0009	U	1	0.005	0.0009	U	1	0.005
Ethylbenzene	0.001	0.003	0.00012	0.003	0.001	U	1	0.003	0.001	U	1	0.003	0.001	U	1	0.003	-	-	-	-	0.001	U	1	0.003	0.001	U	1	0.003	0.001	U	1	0.003
Ethylene dibromide	0.0013	0.003	0.00018	0.003	0.0013	U	1	0.003	0.0013	U	1	0.003	0.0013	U	1	0.003	-	-	-	-	0.0013	U	1	0.003	0.0013	U	1	0.003	0.0013	U	1	0.003
Hexachlorobutadiene	0.0011	0.005	0.00034	0.005	0.0011	U	1	0.005	0.0011	U	1	0.005	0.0011	U	1	0.005	-	-	-	-	0.0011	U	1	0.005	0.0011	M	1	0.005	0.0011	U	1	0.005
Isopropylbenzene	0.001	0.008	0.0001	0.008	0.001	U	1	0.008	0.001	U	1	0.008	0.001	U	1	0.008	-	-	-	-	0.001	U	1	0.008	0.001	U	1	0.008	0.001	U	1	0.008
Isopropyltoluene, 4- (Cymene, p-)	0.0012	0.006	0.0001	0.006	0.0012	U	1	0.006	0.0012	U	1	0.006	0.0012	U	1	0.006	-	-	-	-	0.0012	U	1	0.006	0.0012	U	1	0.006	0.0012	U	1	0.006
Methylene chloride	0.0013	0.005	0.00014	0.005	0.0014	F	1	0.005	0.0013	U	1	0.005	0.0075		1	0.005	-	-	-	-	0.0747		1	0.005	0.0145		1	0.005	0.0016	F	1	0.005
Naphthalene	0.001	0.02	0.00028	0.005	0.001	U	1	0.02	0.001	U	1	0.02	0.0038	F	1	0.02	-	-	-	-	0.001	U	1	0.02	0.001	U	1	0.02	0.0015	F	1	0.02
Propylbenzene, N-	0.0012	0.002	0.0001	0.002	0.0012	U	1	0.002	0.0012	U	1	0.002	0.0012	U	1	0.002	-	-	-	-	0.0012	U	1	0.002	0.0012	U	1	0.002	0.0012	U	1	0.002
Styrene	0.0009	0.002	0.00015	0.0025	0.0009	U	1	0.002	0.0009	U	1	0.002	0.0009	U	1	0.002	-	-	-	-	0.0009	U	1	0.002	0.0009	U	1	0.002	0.0009	U	1	0.002
Tetrachloroethane, 1,1,1,2-	0.0004	0.003	0.00028	0.003	0.0008	U	1	0.003	0.0008	U	1	0.003	0.0008	U	1	0.003	-	-	-	-	0.0008	U	1	0.003	0.0008	U	1	0.003	0.0008	U	1	0.003
Tetrachloroethane, 1,1,2,2-	0.0005	0.002	0.0003	0.0025	0.0009	U	1	0.002	0.0009	U	1	0.002	0.0009	U	1	0.002	-	-	-	-	0.0009	U	1	0.002	0.0009	U	1	0.002	0.0009	U	1	0.002
Tetrachloroethene	0.0008	0.007	0.00016	0.007	0.0008	U	1	0.007	0.0008	U	1	0.007	0.0008	U	1	0.007	-	-	-	-	0.0008	U	1	0.007	0.0008	U	1	0.007	0.0008	U	1	0.007
Toluene	0.0003	0.005	0.00015	0.005	0.001	U	1	0.005	0.001	U	1	0.005	0.0017	F	1	0.005	-	-	-	-	0.0081		1	0.005	0.0058		1	0.005	0.0014	F	1	0.005
Trichlorobenzene, 1,2,3-	0.0008	0.004	0.00025	0.002	0.001	U	1	0.004	0.001	U	1	0.004	0.0023	F	1	0.004	-	-	-	-	0.001	U	1	0.004	0.001	M	1	0.004	0.001	U	1	0.004
Trichlorobenzene, 1,2,4-	0.0006	0.004	0.00034	0.002	0.001	U	1	0.004	0.001	U	1	0.004	0.0023	F	1	0.004	-	-	-	-	0.001	U	1	0.004	0.001	M	1	0.004	0.001	U	1	0.004
Trichloroethane, 1,1,1-	0.0004	0.004	0.00015	0.004	0.0009	U	1	0.004	0.0009	U	1	0.004	0.0009	U	1	0.004	-	-	-	-	0.0009	U	1	0.004	0.0009	U	1	0.004	0.0009	U	1	0.004
Trichloroethane, 1,1,2-	0.0003	0.005	0.00027	0.005	0.0009	U	1	0.005	0.0009	U	1	0.005	0.0009	U	1	0.005	-	-	-	-	0.0009	U	1	0.005	0.0009	U	1	0.005	0.0009	U	1	0.005
Trichloroethene	0.0012	0.01	0.0002	0.01	0.0012	U	1	0.01	0.0012	U	1	0.01	0.0012	U	1	0.01	-	-	-	-	0.0012	U	1	0.01	0.0012	U	1	0.01	0.0012	U	1	0.01
Trichlorofluoromethane	0.0013	0.004	0.00013	0.004	0.0013	U	1	0.004	0.0013	U	1	0.004	0.0013	U	1	0.004	-	-	-	-	0.0013	U	1	0.004	0.0013	U	1	0.004	0.0013	U	1	0.004
Trichloropropane, 1,2,3-	0.001	0.02	0.0002	0.02	0.001	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02	-	-	-	-	0.001	U	1	0.02	0.001	U	1	0.02	0.001	U	1	0.02
Trimethylbenzene, 1,2,4-	0.0004	0.007	0.00013	0.007	0.0011	U	1	0.007	0.0011	U	1	0.007	0.0011	U	1	0.007	-	-	-	-	0.0011	U	1	0.007	0.0011	U	1	0.007	0.0011	U	1	0.007
Trimethylbenzene, 1,3,5-	0.0004	0.003	0.00013	0.003	0.0011	U	1	0.003	0.0011	U	1	0.003	0.0011	U	1	0.003	-	-	-	-	0.0011	U	1	0.003	0.0011	U	1	0.003	0.0011	U	1	0.003
Vinyl chloride	0.0034	0.009	0.00026	0.009	0.0034	U	1	0.009	0.0034	U	1	0.009	0.0034	U	1	0.009	-	-	-	-	0.0034	U	1	0.009	0.0034	U	1	0.009	0.0034	U	1	0.009
Xylene (total)	-	-	0.00022	0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Xylene, m,p-	0.0018	0.007	0.00022	0.007	0.0018	U	1	0.007	0.0018	U	1	0.007	0.0018	U	1	0.007	-	-	-	-	0.0018	U	1	0.007	0.0018	U	1	0.007	0.0018	U	1	0.007
Xylene, o-	0.0007	0.005	0.00013	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005	-	-	-	-	0.0007	U	1	0.005	0.0007	U	1	0.005	0.0007	U	1	0.005

Abbreviations/Notes:

DL	Dilution
FD1	Field Duplicate
MDL	Method Detection Limit
N1	Environmental Sample
-	Not Available
RL	Reporting Limit
SQL	Sample Quantitation Limit

Data Qualifiers:

F- The analyte was positively identified but the associated numerical value is below the RL.

J - The analyte was positively identified, the quantitation is an estimation.

M - A matrix effect was present.

U - The analyte was analyzed for, but not detected. The associated numerical value is the MDL

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW3-LGR				CS-MW3-LGR				CS-MW3-LGR			
	06/14/01				09/12/01				12/17/01			
	WG				WG				WG			
	N				N				N			
Labsampid	AP18445				AP22207				AP26640			
SDG	35694				36397				37183			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate									251		2	1
Alkalinity, Carbonate									0	U	2	1
SW6010B												
Barium	0.0279		0.005	1	0.0286	J	0.005	1	0.0281		0.005	1
Calcium	6.08		1.1	1	61.81		1.1	1				
Chromium	0.002	F	0.01	1	0.	U	0.01	1	0.	U	0.01	1
Copper	0.	U	0.01	1	0.	U	0.01	1	0.	U	0.01	1
Iron	0.	U	0.2	1	28.227		0.2	1				
Magnesium	26.891		0.1	1	0.007	F	0.1	1				
Manganese	0.0042	F	0.005	1	0.0071		0.005	1				
Nickel	0.003	F	0.01	1	0.004	F	0.01	1	0.	U	0.01	1
Potassium	1.61		1.	1	1.77		1.	1				
Sodium	6.07		1.	1	6.67		1.	1				
Zinc	0.062		0.05	1	0.055		0.05	1	0.036	F	0.05	1
SW7060A												
Arsenic	0.	U	0.005	1	0.0021	F	0.005	1	0.	U	0.005	1
SW7131A												
Cadmium	0.0002	F	0.001	1	0.	U	0.001	1	0.	U	0.001	1
SW7421												
Lead	0.0316		0.005	1	0.002	F	0.005	1	0.0009	F	0.005	1
SW7470A												
Mercury	0.	U	0.001	1	0.	U	0.001	1	0.	U	0.001	1
SW9056												
Bromide	0.	U	0.5	1								
Chloride	9.81		1.	1								
Fluoride	0.45	F	1.	1								
Nitrate	0.59	F	1.	1								
Nitrite	0.	U	1.	1								
Phosphorus, Total Orthophosphate (as PO4)	0.	U	1.	1								
Sulfate	20.45		1.	1								

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW3-LGR				CS-MW4-LGR				CS-MW4-LGR			
	12/17/01				06/14/01				06/14/01			
	WG				WG				WG			
	FD				N				FD			
Labsampid	AP26641				AP18446				AP18447			
SDG	37183				35694				35694			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate	241.9		2	1								
Alkalinity, Carbonate	0	U	2	1								
SW6010B												
Barium	0.0277		0.005	1	0.0463		0.005	1	0.0473		0.005	1
Calcium					69.62		1.1	1	69.77		1.1	1
Chromium	0.	U	0.01	1	0.	U	0.01	1	0.002	F	0.01	1
Copper	0.	U	0.01	1	0.	U	0.01	1	0.004	F	0.01	1
Iron					0.021	F	0.2	1	0.	U	0.2	1
Magnesium					38.029		0.1	1	38.665		0.1	1
Manganese					0.0165		0.005	1	0.0169		0.005	1
Nickel	0.	U	0.01	1	0.029		0.01	1	0.025		0.01	1
Potassium					4.89	M	1.	1	4.51	M	1.	1
Sodium					11.33		1.	1	11.77		1.	1
Zinc	0.045	F	0.05	1	0.012	F	0.05	1	0.019	F	0.05	1
SW7060A												
Arsenic	0.	U	0.005	1	0.003	F	0.005	1	0.003	F	0.005	1
SW7131A												
Cadmium	0.	U	0.001	1	0.	U	0.001	1	0.	U	0.001	1
SW7421												
Lead	0.	U	0.005	1	0.	U	0.005	1	0.	U	0.005	1
SW7470A												
Mercury	0.	U	0.001	1	0.	U	0.001	1	0.	U	0.001	1
SW9056												
Bromide					0.	U	0.5	1	0.	U	0.5	1
Chloride					12.91	M	1.	1	12.73	M	1.	1
Fluoride					0.44	F	1.	1	0.44	F	1.	1
Nitrate					0.	U	1.	1	0.44	F	1.	1
Nitrite					0.	U	1.	1	0.	U	1.	1
Phosphorus, Total Orthophosphate (as PO4)					0.	M	1.	1	0.	M	1.	1
Sulfate					24.27		1.	1	24.69		1.	1

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW4-LGR				CS-MW4-LGR				CS-MW5-LGR			
	09/13/01				12/12/01				06/14/01			
	WG				WG				WG			
	N				N				N			
Labsampid	AP22214				AP26371				AP18448			
SDG	36397				37142				35694			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate					329		2	1				
Alkalinity, Carbonate					0		2	1				
SW6010B												
Barium	0.0421	J	0.005	1	0.0436		0.005	1	0.0367		0.005	1
Calcium	70.46		1.1	1					74.99		1.1	1
Chromium	0.	U	0.01	1	0.	U	0.01	1	0.002	F	0.01	1
Copper	0.	U	0.01	1	0.	U	0.01	1	0.	U	0.01	1
Iron	0.	U	0.2	1					0.051	F	0.2	1
Magnesium	39.643		0.1	1					18.692		0.1	1
Manganese	0.0075		0.005	1					0.0127		0.005	1
Nickel	0.012		0.01	1	0.007	F	0.01	1	0.032		0.01	1
Potassium	2.77		1.	1					3.54		1.	1
Sodium	10.9		1.	1					10.95		1.	1
Zinc	0.009	F	0.05	1	0.	U	0.05	1	0.144		0.05	1
SW7060A												
Arsenic	0.0012	F	0.005	1	0.0009	F	0.005	1	0.0052		0.005	1
SW7131A												
Cadmium	0.	U	0.001	1	0.	U	0.001	1	0.	U	0.001	1
SW7421												
Lead	0.	J	0.005	1	0.	U	0.005	1	0.	U	0.005	1
SW7470A												
Mercury	0.	U	0.001	1	0.	U	0.001	1	0.	U	0.001	1
SW9056												
Bromide									0.	U	0.5	1
Chloride									8.9		1.	1
Fluoride									0.49	F	1.	1
Nitrate									0.48	F	1.	1
Nitrite									0.22	F	1.	1
Phosphorus, Total Orthophosphate (as PO4)									0.	U	1.	1
Sulfate									20.02		1.	1

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW5-LGR				CS-MW5-LGR				CS-MW6-LGR			
	09/12/01				12/12/01				04/09/01			
	WG				WG				WG			
	N				N				N			
Labsampid	AP22208				AP26372				AP14957			
SDG	36397				37142				35018			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate					266		2	1	278.2		2	1
Alkalinity, Carbonate					0		2	1	0		2	1
SW6010B												
Barium	0.0299	J	0.005	1	0.0318		0.005	1				
Calcium	78.92		1.1	1					74.87		1.1	1
Chromium	0.	U	0.01	1	0.	U	0.01	1				
Copper	0.	U	0.01	1	0.	U	0.01	1				
Iron	0.	U	0.2	1					0	U	0.2	1
Magnesium	19.294		0.1	1					28.582		0.1	1
Manganese	0.0084		0.005	1					0	U	0.005	1
Nickel	0.023		0.01	1	0.019		0.01	1				
Potassium	1.75		1.	1					1.49	J	1	1
Sodium	8.77		1.	1					8.09		1	1
Zinc	0.059		0.05	1	0.048	F	0.05	1				
SW7060A												
Arsenic	0.0041	F	0.005	1	0.0021	F	0.005	1				
SW7131A												
Cadmium	0.	U	0.001	1	0.	U	0.001	1				
SW7421												
Lead	0.0009	F	0.005	1	0.	U	0.005	1				
SW7470A												
Mercury	0.	U	0.001	1	0.	U	0.001	1				
SW9056												
Bromide									0	U	0.5	1
Chloride									10.3		1	1
Fluoride									0.44	F	1	1
Nitrate									1.25		1	1
Nitrite									0	U	1	1
Phosphorus, Total												
Orthophosphate (as PO4)									0	U	1	1
Sulfate									15.41		2	1

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW6-LGR				CS-MW6-LGR				CS-MW6-LGR			
	06/13/01				09/13/01				12/13/01			
	WG				WG				WG			
	N				N				N			
Labsampid	AP18328				AP22221				AP26437			
SDG	35677				36397				37150			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate									290		2	1
Alkalinity, Carbonate									0		2	1
SW6010B												
Barium	0.0363		0.005	1	0.0331	J	0.005	1	0.0326		0.005	1
Calcium	42.13		1.1	1	71.52		1.1	1				
Chromium	0.011		0.01	1	0.004	F	0.01	1	0.	U	0.01	1
Copper	0.005	F	0.01	1	0.006	F	0.01	1	0.	U	0.01	1
Iron	0.121	F	0.2	1	0.064	F	0.2	1				
Magnesium	22.529		0.1	1	28.315		0.1	1				
Manganese	0.0053		0.005	1	0.0065		0.005	1				
Nickel	0.003	F	0.01	1	0.05		0.01	1	0.065		0.01	1
Potassium	35.81		1.	1	3.56		1.	1				
Sodium	19.42		1.	1	10.34		1.	1				
Zinc	0.035	F	0.05	1	0.026	F	0.05	1	0.018	F	0.05	1
SW7060A												
Arsenic	0.	U	0.005	1	0.	J	0.005	1	0.	U	0.005	1
SW7131A												
Cadmium	0.	U	0.001	1	0.	U	0.001	1	0.	J	0.001	1
SW7421												
Lead	0.0012	F	0.005	1	0.	J	0.005	1	0.	U	0.005	1
SW7470A												
Mercury	0.	U	0.001	1	0.	U	0.001	1	0.	U	0.001	1
SW9056												
Bromide	0.	U	0.5	1								
Chloride	10.52		1.	1								
Fluoride	0.39	F	1.	1								
Nitrate	3.84		1.	1								
Nitrite	0.	U	1.	1								
Phosphorus, Total Orthophosphate (as PO4)	0.	U	1.	1								
Sulfate	23.49		1.	1								

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS- MW6-BS				CS-MW6-BS				CS-MW6-BS			
	06/13/01				09/13/01				12/13/01			
	WG				WG				WG			
	N				N				N			
Labsampid	AP18329				AP22222				AP26438			
SDG	35677				36397				37150			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate									220		2	1
Alkalinity, Carbonate									3.5		2	1
SW6010B												
Barium	0.0095		0.005	1	0.0334	J	0.005	1	0.0335		0.005	1
Calcium	3.82		1.1	1	21.61		1.1	1				
Chromium	0.005	F	0.01	1	0.	U	0.01	1	0.	U	0.01	1
Copper	0.009	F	0.01	1	0.004	F	0.01	1	0.	U	0.01	1
Iron	0.013	F	0.2	1	0.04	F	0.2	1				
Magnesium	30.606		0.1	1	23.591		0.1	1				
Manganese	0.0013	F	0.005	1	0.0072		0.005	1				
Nickel	0.003	F	0.01	1	0.	U	0.01	1	0.	U	0.01	1
Potassium	70.518		10.	10	12.92		1.	1				
Sodium	72.43		10.	10	97.15		5.	5				
Zinc	0.085		0.05	1	0.009	F	0.05	1	0.	U	0.05	1
SW7060A												
Arsenic	0.0013	F	0.005	1	0.0034	F	0.005	1	0.0027	F	0.005	1
SW7131A												
Cadmium	0.	U	0.001	1	0.	U	0.001	1	0.	J	0.001	1
SW7421												
Lead	0.	U	0.005	1	0.	J	0.005	1	0.	U	0.005	1
SW7470A												
Mercury	0.	U	0.001	1	0.	U	0.001	1	0.0002	F	0.001	1
SW9056												
Bromide	0.	U	0.5	1								
Chloride	26.49		1.	1								
Fluoride	1.2		1.	1								
Nitrate	0.45	F	1.	1								
Nitrite	0.	U	1.	1								
Phosphorus, Total Orthophosphate (as PO4)	0.	U	1.	1								
Sulfate	105.25		5.	5								

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW6-CC				CS-MW6-CC				CS-MW6-CC			
	06/13/01				09/13/01				12/13/01			
	WG				WG				WG			
	N				N				N			
Labsampid	AP18330				AP22223				AP26439			
SDG	35677				36397				37150			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate									272		2	1
Alkalinity, Carbonate									0		2	1
SW6010B												
Barium	0.012		0.005	1	0.0343	J	0.005	1	0.037		0.005	1
Calcium	1.62		1.1	1	55.48		1.1	1				
Chromium	0.017		0.01	1	0.	U	0.01	1	0.	U	0.01	1
Copper	0.005	F	0.01	1	0.006	F	0.01	1	0.	U	0.01	1
Iron	0.011	F	0.2	1	0.435		0.2	1				
Magnesium	19.926		0.1	1	47.305		0.1	1				
Manganese	0.001	F	0.005	1	0.0106		0.005	1				
Nickel	0.008	F	0.01	1	0.006	F	0.01	1	0.002	F	0.01	1
Potassium	163.631		10.	10	12.06		1.	1				
Sodium	59.36		10.	10	31.87		1.	1				
Zinc	0.018	F	0.05	1	0.124		0.05	1	0.033	F	0.05	1
SW7060A												
Arsenic	0.	U	0.005	1	0.0028	F	0.005	1	0.0014	F	0.005	1
SW7131A												
Cadmium	0.	U	0.001	1	0.	U	0.001	1	0.	J	0.001	1
SW7421												
Lead	0.	U	0.005	1	0.	J	0.005	1	0.0016	F	0.005	1
SW7470A												
Mercury	0.	U	0.001	1	0.	U	0.001	1	0.0002	F	0.001	1
SW9056												
Bromide	0.	U	0.5	1								
Chloride	27.21		1.	1								
Fluoride	0.61	F	1.	1								
Nitrate	0.48	F	1.	1								
Nitrite	0.	U	1.	1								
Phosphorus, Total Orthophosphate (as PO4)	0.	U	1.	1								
Sulfate	129.42		5.	5								

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW7-LGR				CS-MW7-LGR				CS-MW7-LGR			
	07/31/01				09/13/01				09/13/01			
	WG				WG				WG			
	N				FD				N			
Labsampid	AP20232				AP22219				AP22218			
SDG	36042				36397				36397			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate	283		2	1								
Alkalinity, Carbonate	0		2	1								
SW6010B												
Barium	0.0392		0.005	1	0.0381	J	0.005	1	0.0375	J	0.005	1
Calcium	90.92		1.1	1	66.4		1.1	1	93.14	M	1.1	1
Chromium	0	U	0.01	1	0.	U	0.01	1	0.	U	0.01	1
Copper	0.005	F	0.01	1	0.009	F	0.01	1	0.	U	0.01	1
Iron	0.013	F	0.2	1	0.308		0.2	1	0.	U	0.2	1
Magnesium	21.061		0.1	1	30.817		0.1	1	24.812		0.1	1
Manganese	0.0018	F	0.005	1	0.0074		0.005	1	0.0089		0.005	1
Nickel	0	U	0.01	1	0.002	F	0.01	1	0.007	F	0.01	1
Potassium	1.27		1	1	1.64		1.	1	4.78	M	1.	1
Sodium	8.07		1	1	8.04		1.	1	10.16		1.	1
Zinc	0.05		0.05	1	0.039	F	0.05	1	0.054		0.05	1
SW7060A												
Arsenic	0	U	0.005	1	0.	J	0.005	1	0.	J	0.005	1
SW7131A												
Cadmium	0	J	0.001	1	0.	U	0.001	1	0.	U	0.001	1
SW7421												
Lead	0.0009	F	0.005	1	0.	M	0.005	1	0.	M	0.005	1
SW7470A												
Mercury	0	U	0.001	1	0.	U	0.001	1	0.	U	0.001	1
SW9056												
Bromide	0	U	0.5	1								
Chloride	15.13		1	1								
Fluoride	0.35	F	1	1								
Nitrate	8.31		1	1								
Nitrite	0	U	1	1								
Phosphorus, Total												
Orthophosphate (as PO4)	0	U	1	1								
Sulfate	8.05		1	1								

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW7-LGR				CS-MW7-LGR				CS-MW7-CC			
	09/17/01				12/14/01				07/18/01			
	WG				WG				WG			
	N				N				N			
Labsampid	AP22232				AP26525				AP19522			
SDG	36397				37163				35893			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate					292		2	1	271		2	1
Alkalinity, Carbonate					0		2	1	0	U	2	1
SW6010B												
Barium	0.0368	J	0.005	1	0.043		0.005	1	0.0417		0.005	1
Calcium	86.38		1.1	1					68.59		1.1	1
Chromium	0.002	F	0.01	1	0.	U	0.01	1	0	U	0.01	1
Copper	0.004	F	0.01	1	0.	U	0.01	1	0	U	0.01	1
Iron	0.	U	0.2	1					0.047	F	0.2	1
Magnesium	24.078		0.1	1					49.375		0.1	1
Manganese	0.0111		0.005	1					0.0045	F	0.005	1
Nickel	0.01		0.01	1	0.	U	0.01	1	0.015		0.01	1
Potassium	7.57		1.	1					7.5		1	1
Sodium	10.58		1.	1					30.17		1	1
Zinc	0.049	F	0.05	1	0.031	F	0.05	1	0.046	F	0.05	1
SW7060A												
Arsenic					0.	U	0.005	1	0.0061		0.005	1
SW7131A												
Cadmium					0.	J	0.001	1	0	U	0.001	1
SW7421												
Lead					0.	U	0.005	1	0	U	0.005	1
SW7470A												
Mercury					0.	U	0.001	1	0	U	0.001	1
SW9056												
Bromide	0.	U	0.5	1					1.08		0.5	1
Chloride	13.77		1.	1					29.32		1	1
Fluoride	0.	U	1.	1					1.25		1	1
Nitrate	6.33		1.	1					0	U	1	1
Nitrite	0.3	F	1.	1					0	U	1	1
Phosphorus, Total												
Orthophosphate (as PO4)	0.	U	1.	1					0	U	1	1
Sulfate	10.81		1.	1					119.73		5	5

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW7-CC				CS-MW7-CC				CS-MW7-CC			
	09/13/01				09/13/01				09/17/01			
	WG				WG				WG			
	N				FD				N			
Labsampid	AP22215				AP22216				AP22233			
SDG	36397				36397				36397			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate												
Alkalinity, Carbonate												
SW6010B												
Barium	0.0315	J	0.005	1	0.0318	J	0.005	1	0.0332	J	0.005	1
Calcium	63.97		1.1	1	64.81		1.1	1	65.04		1.1	1
Chromium	0.002	F	0.01	1	0.	U	0.01	1	0.	U	0.01	1
Copper	0.	U	0.01	1	0.	U	0.01	1	0.	U	0.01	1
Iron	0.088	F	0.2	1	0.106	F	0.2	1	0.11	F	0.2	1
Magnesium	49.985		0.1	1	50.433		0.1	1	50.738		0.1	1
Manganese	0.0103		0.005	1	0.0102		0.005	1	0.0128		0.005	1
Nickel	0.009	F	0.01	1	0.009	F	0.01	1	0.01		0.01	1
Potassium	7.45		1.	1	7.33		1.	1	7.53		1.	1
Sodium	30.51		1.	1	30.71		1.	1	31.05		1.	1
Zinc	0.035	F	0.05	1	0.026	F	0.05	1	0.025	F	0.05	1
SW7060A												
Arsenic	0.0039	F	0.005	1	0.0042	F	0.005	1				
SW7131A												
Cadmium	0.	U	0.001	1	0.	U	0.001	1				
SW7421												
Lead	0.	M	0.005	1	0.	M	0.005	1				
SW7470A												
Mercury	0.0002	F	0.001	1	0.0002	F	0.001	1				
SW9056												
Bromide									0.	U	0.5	1
Chloride									29.78		1.	1
Fluoride									1.29		1.	1
Nitrate									0.	U	1.	1
Nitrite									0.	U	1.	1
Phosphorus, Total Orthophosphate (as PO4)									0.	U	1.	1
Sulfate									123.76		5.	5

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW7-CC				CS-MW8-LGR				CS-MW8-LGR			
	12/14/01				06/12/01				09/13/01			
	WG				WG				WG			
	N				N				N			
Labsampid	AP26526				AP18435				AP22227			
SDG	37163				35694				36397			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate	273		2	1								
Alkalinity, Carbonate	0		2	1								
SW6010B												
Barium	0.0278		0.005	1	0.0417		0.005	1	0.0378	J	0.005	1
Calcium					100.3		1.1	1	91.03	M	1.1	1
Chromium	0.	U	0.01	1	0.	U	0.01	1	0.	U	0.01	1
Copper	0.	U	0.01	1	0.004	F	0.01	1	0.	U	0.01	1
Iron					0.	U	0.2	1	0.072	F	0.2	1
Magnesium					20.892		0.1	1	23.997		0.1	1
Manganese					0.0036	F	0.005	1	0.0062		0.005	1
Nickel	0.002	F	0.01	1	0.002	F	0.01	1	0.003	F	0.01	1
Potassium					3.1		1.	1	5.17	M	1.	1
Sodium					10.54		1.	1	9.81		1.	1
Zinc	0.	U	0.05	1	0.078		0.05	1	0.088		0.05	1
SW7060A												
Arsenic	0.	U	0.005	1	0.	U	0.005	1	0.	J	0.005	1
SW7131A												
Cadmium	0.	J	0.001	1	0.	U	0.001	1	0.	U	0.001	1
SW7421												
Lead	0.0012	F	0.005	1	0.001	F	0.005	1	0.0013	M	0.005	1
SW7470A												
Mercury	0.0002	F	0.001	1	0.	U	0.001	1	0.	U	0.001	1
SW9056												
Bromide					0.	U	0.5	1				
Chloride					21.31		1.	1				
Fluoride					0.43	F	1.	1				
Nitrate					11.25	R	1.	1				
Nitrite					0.	R	1.	1				
Phosphorus, Total Orthophosphate (as PO4)					0.	U	1.	1				
Sulfate					8.78		1.	1				

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW8-LGR				CS-MW8-LGR				CS-MW8-CC			
	09/13/01				12/13/01				06/14/01			
	WG				WG				WG			
	FD				N				N			
Labsampid	AP22228				AP26440				AP18444			
SDG	36397				37150				35694			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate					294		2	1				
Alkalinity, Carbonate					0		2	1				
SW6010B												
Barium	0.0389	J	0.005	1	0.0383		0.005	1	0.0352		0.005	1
Calcium	88.29		1.1	1					74.2		1.1	1
Chromium	0.	U	0.01	1	0.	U	0.01	1	0.002	F	0.01	1
Copper	0.	U	0.01	1	0.	U	0.01	1	0.019		0.01	1
Iron	0.	U	0.2	1					0.316		0.2	1
Magnesium	24.539		0.1	1					49.218		0.1	1
Manganese	0.006		0.005	1					0.033		0.005	1
Nickel	0.004	F	0.01	1	0.	U	0.01	1	0.023		0.01	1
Potassium	5.43		1.	1					7.13		1.	1
Sodium	10.31		1.	1					32.21		1.	1
Zinc	0.087		0.05	1	0.067		0.05	1	0.069		0.05	1
SW7060A												
Arsenic	0.0011	F	0.005	1	0.	U	0.005	1	0.0037	F	0.005	1
SW7131A												
Cadmium	0.	U	0.001	1	0.	J	0.001	1	0.	U	0.001	1
SW7421												
Lead	0.0012	M	0.005	1	0.0011	F	0.005	1	0.0026	F	0.005	1
SW7470A												
Mercury	0.0002	F	0.001	1	0.	U	0.001	1	0.	U	0.001	1
SW9056												
Bromide									0.	U	0.5	1
Chloride									29.45		1.	1
Fluoride									1.34		1.	1
Nitrate									0.47	F	1.	1
Nitrite									0.	U	1.	1
Phosphorus, Total Orthophosphate (as PO4)									0.	U	1.	1
Sulfate									127.25		5.	5

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW8-CC				CS-MW8-CC				CS-MW9-LGR			
	09/13/01				12/13/01				02/18/01			
	WG				WG				WG			
	N				N				N			
Labsampid	AP22224				AP26441				AP13086			
SDG	36397				37150				34680			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate					269		2	1				
Alkalinity, Carbonate					0		2	1				
SW6010B												
Barium	0.0376	J	0.005	1	0.0416		0.005	1	0.0499		0.005	1
Calcium	57.66		1.1	1					12.26		1.1	1
Chromium	0.	U	0.01	1	0.	U	0.01	1	0.054		0.01	1
Copper	0.006	F	0.01	1	0.	U	0.01	1	0.011		0.01	1
Iron	0.209		0.2	1					1.112		0.2	1
Magnesium	52.259		0.1	1					0.7		0.1	1
Manganese	0.0352		0.005	1					0.016	B	0.005	1
Nickel	0.008	F	0.01	1	0.	U	0.01	1	0.007	F	0.01	1
Potassium	10.71		1.	1					171	J	10	10
Sodium	32.62		1.	1					203		10	10
Zinc	0.023	F	0.05	1	0.	U	0.05	1	0.119		0.05	1
SW7060A												
Arsenic	0.0072	J	0.005	1	0.0043	F	0.005	1	0.0017	F	0.005	1
SW7131A												
Cadmium	0.	U	0.001	1	0.	J	0.001	1	0	J	0.001	1
SW7421												
Lead	0.	M	0.005	1	0.0012	F	0.005	1	0.0086		0.005	1
SW7470A												
Mercury	0.	U	0.001	1	0.	U	0.001	1	0	U	0.001	1
SW9056												
Bromide									0	U	0.5	1
Chloride									12.39	J	2	1
Fluoride									0.33	F	1	1
Nitrate									0.69	F	1	1
Nitrite									0	U	0.1	1
Phosphorus, Total												
Orthophosphate (as PO4)									0	U	0.5	1
Sulfate									36.1		1	1

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW9-LGR				CS-MW9-LGR				CS-MW9-LGR			
	06/14/01				06/14/01				09/12/01			
	WG				WG				WG			
	N				FD				N			
Labsampid	AP18439				AP18440				AP22203			
SDG	35694				35694				36397			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate												
Alkalinity, Carbonate												
SW6010B												
Barium	0.0675		0.005	1	0.0636		0.005	1	0.0419	J	0.005	1
Calcium	82.87	M	1.1	1	82.49	M	1.1	1	97.3		1.1	1
Chromium	0.002	F	0.01	1	0.002	F	0.01	1	0.003	F	0.01	1
Copper	0.	U	0.01	1	0.	U	0.01	1	0.	U	0.01	1
Iron	0.	U	0.2	1	0.05	F	0.2	1	0.02	F	0.2	1
Magnesium	11.234		0.1	1	10.758		0.1	1	11.673		0.1	1
Manganese	0.0177		0.005	1	0.0172		0.005	1	0.0062		0.005	1
Nickel	0.024		0.01	1	0.024		0.01	1	0.01		0.01	1
Potassium	11.017	M	1.	1	10.491	M	1.	1	3.88		1.	1
Sodium	12.36		1.	1	11.51		1.	1	10.08		1.	1
Zinc	0.02	F	0.05	1	0.022	F	0.05	1	0.017	F	0.05	1
SW7060A												
Arsenic	0.	U	0.005	1	0.	U	0.005	1	0.	J	0.005	1
SW7131A												
Cadmium	0.0002	F	0.001	1	0.	U	0.001	1	0.	U	0.001	1
SW7421												
Lead	0.0025	F	0.005	1	0.0012	F	0.005	1	0.0009	F	0.005	1
SW7470A												
Mercury	0.	U	0.001	1	0.0002	F	0.001	1	0.	U	0.001	1
SW9056												
Bromide	0.	U	0.5	1	0.	U	0.5	1				
Chloride	16.59	M	1.	1	16.58	M	1.	1				
Fluoride	0.29	F	1.	1	0.31	F	1.	1				
Nitrate	0.9	M	1.	1	0.92	M	1.	1				
Nitrite	0.	U	1.	1	0.	U	1.	1				
Phosphorus, Total												
Orthophosphate (as PO4)	0.	M	1.	1	0.	M	1.	1				
Sulfate	16.01		1.	1	15.99		1.	1				

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW9-LGR				CS-MW9-BS				CS-MW9-BS			
	12/14/01				06/14/01				09/12/01			
	WG				WG				WG			
	N				N				N			
Labsampid	AP26521				AP18441				AP22204			
SDG	37163				35694				36397			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	RL	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate	272		2	1								
Alkalinity, Carbonate	0		2	1								
SW6010B												
Barium	0.0338		0.005	1	0.0134		0.005	1	0.025	J	0.005	1
Calcium					4.42		1.1	1	12.38		1.1	1
Chromium	0.	U	0.01	1	0.003	F	0.01	1	0.	U	0.01	1
Copper	0.	U	0.01	1	0.	U	0.01	1	0.	U	0.01	1
Iron					0.081	F	0.2	1	0.	U	0.2	1
Magnesium					19.006		0.1	1	22.05		0.1	1
Manganese					0.0123		0.005	1	0.0025	F	0.005	1
Nickel	0.018		0.01	1	0.003	F	0.01	1	0.	U	0.01	1
Potassium					53.474		10.	10	36.68		1.	1
Sodium					50.62		10.	10	43.15		1.	1
Zinc	0.	U	0.05	1	0.021	F	0.05	1	0.016	F	0.05	1
SW7060A												
Arsenic	0.	U	0.005	1	0.0015	F	0.005	1	0.001	F	0.005	1
SW7131A												
Cadmium	0.	J	0.001	1	0.	U	0.001	1	0.	U	0.001	1
SW7421												
Lead	0.	U	0.005	1	0.0009	F	0.005	1	0.0024	F	0.005	1
SW7470A												
Mercury	0.0002	F	0.001	1	0.	U	0.001	1	0.0002	F	0.001	1
SW9056												
Bromide					0.	U	0.5	2				
Chloride					10.77		1.	1				
Fluoride					1.32		1.	1				
Nitrate					0.46	F	1.	1				
Nitrite					0.	U	1.	1				
Phosphorus, Total Orthophosphate (as PO4)					0.	U	1.	1				
Sulfate					38.05		1.	1				

Appendix E
Cumulative Natural Groundwater Quality Sampling Results
Camp Stanley Storage Activity
November 2000 through December 2001

	CS-MW9-BS				CS-MW9-CC				CS-MW9-CC			
	12/14/01				03/13/01				06/14/01			
	WG				WG				WG			
	N				N				N			
Labsampid	AP26522				AP14022				AP18442			
SDG	37163				34851				35694			
	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution	Parval	Qappflags	Rl	Dilution
A2320												
Alkalinity, Bicarbonate	181		2	1	143		2	1				
Alkalinity, Carbonate	29.5		2	1	70.5		2	1				
SW6010B												
Barium	0.0204		0.005	1					0.0274		0.005	1
Calcium					3.82		1.1	1	53.72		1.1	1
Chromium	0.	U	0.01	1					0.002	F	0.01	1
Copper	0.	U	0.01	1					0.	U	0.01	1
Iron					0.016	F	0.2	1	0.171	F	0.2	1
Magnesium					31.077		0.1	1	40.007		0.1	1
Manganese					0.007		0.005	1	0.0312		0.005	1
Nickel	0.	U	0.01	1					0.005	F	0.01	1
Potassium					75.4		5	5	9.156		1.	1
Sodium					41.13		1	1	25.71		1.	1
Zinc	0.	U	0.05	1					0.054		0.05	1
SW7060A												
Arsenic	0.	U	0.005	1					0.0013	F	0.005	1
SW7131A												
Cadmium	0.	J	0.001	1					0.	U	0.001	1
SW7421												
Lead	0.	U	0.005	1					0.	U	0.005	1
SW7470A												
Mercury	0.0002	F	0.001	1					0.	U	0.001	1
SW9056												
Bromide					0	U	0.5	1	0.	U	0.5	1
Chloride					19.25		1	1	19.97		1.	1
Fluoride					1.16		1	1	1.59		1.	1
Nitrate					0.25	F	1	1	0.46	F	1.	1
Nitrite					0	U	1	1	0.	U	1.	1
Phosphorus, Total Orthophosphate (as PO4)					0	U	1	1	0.	U	1.	1
Sulfate					104.25		10	5	72.18		1.	1