Table AOC50-2
Summary of Detected Constituents, Surface Soil Samples, August 2001

					Sample ID	AOC50-SS01				AOC50-SS01				AOC50-SS02			
					Sample Date	08/21/01				08/21/01				08/21/01			
					Sample Type	N1				FD1				N1			
					Soil Type	So				So				So			
					Beginning Depth	0.5				0.5				0.5			
					Ending Depth	1				1				1.			
					Lab Sample ID	T0744				T0746				T0745			
	Soil Comparison Criteria																
	Lab MDL	Lab RL	Background[a] Soil	GWP-Ind (mg/kg)	SAI-Ind (mg/kg)	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL
SW6010B																	
Barium	0.04	1.0	186	200	59000	56.80	M	1	1.0	62.50	M	1	1.0	64.30	M	1	1.0
Chromium	0.08	20	40.2	10	350000	18.90	M	1	20	18.90	M	1	20	18.70	M	1	20
Copper	0.04	2.0	23.2	130	74000	10.05	M	1	2.0	10.80	M	1	2.0	**28.88**	**M**	**1**	**2.0**
Nickel	0.096	2.0	35.5	200	12000	10.870	M	1	2.0	11.270	M	1	2.0	14.030	M	1	2.0
Zinc	0.3	2.0	73.2	3100	410000	32.6	M	1	2.0	31.7	M	1	2.0	53.	M	1	2.0
SW7060A																	
Arsenic	0.049	0.5	19.6	5	200	3.600	M	1	0.5	3.290	M	1	0.5	8.420	M	10	5
SW7131A																	
Cadmium	0.0189	0.1	3	0.5	1500	0.7550	M	1	0.1	0.5720	M	1	0.1	**10.30**	**M**	**10**	**1**
SW7421																	
Lead	0.071	0.5	84.5	1.5	1000	78.600	M	50	25	42.690	M	10	5	**1227.5**	**M**	**10**	**5**
SW7471A																	
Mercury	0.02	0.1	0.77	0.2	9.6	0.02	F	1	0.1	0.02	F	1	0.1	0.04	F	1	0.1
SW8260B																	
Benzene	0.00002	0.002	--	0.5	1.6	0.00002	U	1	0.002	0.00050	F	1	0.002	0.00002	U	1	0.002
Methylene chloride	0.00032	0.005	--	0.5	1.6	0.00070	F	1	0.005	0.00032	U	1	0.005	0.00032	U	1	0.005
Toluene	0.00004	0.005	--	100	2400	0.00090	F	1	0.005	0.00004	F	1	0.005	0.00004	U	1	0.005

Tables present all laboratory results for analytes detected above the method detection limit.
Results from all laboratory analysis are presented in Appendix A
All samples were analyzed by O'Brien and Gere Laboratories.
Referenced laboratory package numbers: O'Brien and Gere: 9793
All MS/MSD results are presented in the Data Verification Report, Appendix B.

Abbreviations/Notes:

Bolded and highlighted sample concentrations exceed RRS1 standards
Boxed samples indicate results greater than RRS2 standards. As per 30 TAC 335.555(D)(1), concentrations that do not exceed RRS1 levels, by definition, cannot exceed RRS2 levels. Although CSSA plans to pursue RRS1 closure, RRS2 criteria are included in the table to provide a frame of reference for RRS1 exceedances.

a Background values from Second Revision to the Evaluation of Background Metals Concentration in Soils and Bedrock at CSSA Report (Parsons, 2002)
-- No risk reduction standard or background level available
DL Dilution
FD1 Field Duplicate
So Soil Background; Texas-specific Background Concentrations
GWP-Ind Soil MSC based on groundwater protection
MDL Method Detection Limit
N1 Environmental Sample
NA Not Available
RL Reporting Limit
SAI-Ind Soil MSC for industrial use based on inhalation, ingestion, and dermal contact
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

Table AOC50-2
Summary of Detected Constituents, Surface Soil Samples, August 2001

					Sample ID	AOC50-SS03				AOC50-SS04				AOC50-SS05			
					Sample Date	08/21/01				08/21/01				08/21/01			
					Sample Type	N1				N1				N			
					Soil Type	So				So				So			
					Beginning Depth	0.5				0.5				0.5			
					Ending Depth	1.				1.				1.			
					Lab Sample ID	T0747				T0748				T0749			
	Soil Comparison Criteria																
	Lab MDL	Lab RL	Background[a] Soil	GWP-Ind (mg/kg)	SAI-Ind (mg/kg)	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL
SW6010B																	
Barium	0.04	1.0	186	200	59000	106.20	M	1	1.0	60.10	M	1	1.0	87.90	M	1	1.0
Chromium	0.08	20	40.2	10	350000	24.00	M	1	20	15.50	M	1	20	**56.10**	**M**	**1**	**20**
Copper	0.04	2.0	23.2	130	74000	**1041.40**	**M**	**1**	**2.0**	9.36	M	1	2.0	**27.71**	**M**	**1**	**2.0**
Nickel	0.096	2.0	35.5	200	12000	18.770	M	1	2.0	11.650	M	1	2.0	18.930	M	1	2.0
Zinc	0.3	2.0	73.2	3100	410000	**361.5**	**M**	**2**	**4.0**	32.4	M	1	2.0	**142.8**	**M**	**1**	**2.0**
SW7060A																	
Arsenic	0.049	0.5	19.6	5	200	13.980	M	10	50	3.330	M	1	0.5	4.390	M	1	0.5
SW7131A																	
Cadmium	0.0189	0.1	3	0.5	1500	**4.84**	**M**	**10**	**10**	0.49	M	1	0.1	**5.34**	**M**	**10**	**10**
SW7421																	
Lead	0.071	0.5	84.5	1.5	1000	**76220**	**M**	**20,000**	**200,000,000.**	23.740	M	10	50	**124.70**	**M**	**50**	**1250**
SW7471A																	
Mercury	0.02	0.1	0.77	0.2	9.6	0.04	F	1	0.1	0.02	U	1	0.1	0.05	F	1	0.1
SW8260B																	
Benzene	0.00002	0.002	--	0.5	1.6	0.00002	U	1	0.002	0.00090	F	1	0.002	0.00100	F	1	0.002
Methylene chloride	0.00032	0.005	--	0.5	1.6	0.00032	U	1	0.005	0.00032	U	1	0.005	0.00032	U	1	0.005
Toluene	0.00004	0.005	--	100	2400	0.00004	U	1	0.005	0.00004	F	1	0.005	0.00004	U	1	0.005

Tables present all laboratory results for analytes detected above the method detection limit.
Results from all laboratory analysis are presented in Appendix A
All samples were analyzed by O'Brien and Gere Laboratories.
Referenced laboratory package numbers: O'Brien and Gere: 9793
All MS/MSD results are presented in the Data Verification Report, Appendix B.

Abbreviations/Notes:

Bolded and highlighted sample concentrations exceed RRS1 standards
Boxed samples indicate results greater than RRS2 standards. As per 30 TAC 335.555(D)(1), concentrations that do not exceed RRS1 levels, by definition, cannot exceed RRS2 levels. Although CSSA plans to pursue RRS1 closure, RRS2 criteria are included in the table to provide a frame of reference for RRS1 exceedances.

a Background values from Second Revision to the Evaluation of Background Metals Concentration in Soils and Bedrock at CSSA Report (Parsons, 2002)
-- No risk reduction standard or background level available
DL Dilution
FD1 Field Duplicate
So Soil Background; Texas-specific Background Concentrations
GWP-Ind Soil MSC based on groundwater protection
MDL Method Detection Limit
N1 Environmental Sample
NA Not Available
RL Reporting Limit
SAI-Ind Soil MSC for industrial use based on inhalation, ingestion, and dermal contact
SQL Sample Quantitation Limit

Data Qualifiers:

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Table AOC50-2
Summary of Detected Constituents, Surface Soil Samples, August 2001

					Sample ID	AOC50-SS06				AOC50-SS07				AOC50-SS08			
					Sample Date	08/21/01				08/21/01				08/21/01			
					Sample Type	N1				N1				N1			
					Soil Type	So				So				So			
					Beginning Depth	0.5				0.5				0.5			
					Ending Depth	1.				1.				1.			
					Lab Sample ID	T0750				T0751				T0752			
	Soil Comparison Criteria																
	Lab MDL	Lab RL	Background[a] Soil	GWP-Ind (mg/kg)	SAI-Ind (mg/kg)	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL
SW6010B																	
Barium	0.04	1.0	186	200	59000	93.40	M	1	1.0	106.70	M	1	1.0	106.30	M	1	1.0
Chromium	0.08	20	40.2	10	350000	25.10	M	1	20	27.80	M	1	20	31.30	M	1	20
Copper	0.04	2.0	23.2	130	74000	21.56	M	1	2.0	15.98	M	1	2.0	13.08	M	1	2.0
Nickel	0.096	2.0	35.5	200	12000	18.460	M	1	2.0	23.170	M	1	2.0	24.310	M	1	2.0
Zinc	0.3	2.0	73.2	3100	410000	48.6	M	1	2.0	46.2	M	1	2.0	45.6	M	1	2.0
SW7060A																	
Arsenic	0.049	0.5	19.6	5	200	4.670	M	1	0.5	3.830	M	1	0.5	4.560	M	1	0.5
SW7131A																	
Cadmium	0.0189	0.1	3	0.5	1500	**4.2200**	**M**	**10**	**10**	0.4880	M	1	0.1	0.5500	M	1	0.1
SW7421																	
Lead	0.071	0.5	84.5	1.5	1000	**592.2**	**M**	**200**	**100**	21.8600	M	10	5	24.51	M	10	5
SW7471A																	
Methylene chloride	0.00032	0.005	--	0.5	16	0.00100	F	1	0.005	0.00600	F	1	0.005	0.00600	F	1	0.005
Toluene	0.00004	0.005	--	100	2400	0.00004	F	1	0.005	0.00004	U	1	0.005	0.00004	F	1	0.005

Tables present all laboratory results for analytes detected above the method detection limit.
Results from all laboratory analysis are presented in Appendix A
All samples were analyzed by O'Brien and Gere Laboratories.
Referenced laboratory package numbers: 9793
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Abbreviations/Notes:

Bolded and highlighted sample concentrations exceed RRS1 standards
Boxed samples indicate results greater than RRS2 standards. As per 30 TAC 335.555(D)(1), concentrations that do not exceed RRS1 levels, by definition, cannot exceed RRS2 levels. Although CSSA plans to pursue RRS1 closure, RRS2 criteria are included in the table to provide a frame of reference for RRS1 exceedances.

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NA Not Available
RL Reporting Limit
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SQL Sample Quantitation Limit

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Table AOC50-2
Summary of Detected Constituents, Surface Soil Samples, August 2001

					Sample ID	AOC50-SS09				AOC50-SS09				AOC50-SS10			
					Sample Date	08/21/01				08/21/01				08/21/01			
					Sample Type	N1				FD1				N1			
					Soil Type	So				So				So			
					Beginning Depth	0.5				0.5				0.5			
					Ending Depth	1.				1.				1.			
					Lab Sample ID	T0753				T0754				T0755			
	Soil Comparison Criteria																
	Lab MDL	Lab RL	Background[a] Soil	GWP-Ind (mg/kg)	SAI-Ind (mg/kg)	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL	Results	Flags	Dilution	SQL
SW6010B																	
Barium	0.04	1.0	186	200	59000	31.00	M	1	1.0	44.00	M	1	1.0	14.80	M	1	1.0
Chromium	0.08	20	40.2	10	350000	12.50	M	1	20	16.10	M	1	20	6.87	M	10	200
Copper	0.04	2.0	23.2	130	74000	6.02	M	1	2.0	7.04	M	1	2.0	3.21	M	1	2.0
Nickel	0.096	2.0	35.5	200	12000	11.380	M	1	2.0	13.150	M	1	2.0	7.830	M	1	2.0
Zinc	0.3	2.0	73.2	3100	410000	20.2	M	1	2.0	26.4	M	1	2.0	14.7	M	1	2.0
SW7060A																	
Arsenic	0.049	0.5	19.6	5	200	2.780	M	1	0.5	3.160	M	1	0.5	3.080	M	1	0.5
SW7131A																	
Cadmium	0.0189	0.1	3	0.5	1500	0.2570	M	1	0.1	0.3330	M	1	0.1	0.1960	M	1	0.1
SW7421																	
Lead	0.071	0.5	84.5	1.5	1000	9.54	M	10	5	10.89	M	10	5	6.61	R	1	0.5
SW7471A																	
Methylene chloride	0.00032	0.005	--	0.5	16	0.00032	U	1	0.005	0.00050	F	1	0.005	0.00032	U	1	0.005
Toluene	0.00004	0.005	--	100	2400	0.00004	F	1	0.005	0.00004	F	1	0.005	0.00004	U	1	0.005

Tables present all laboratory results for analytes detected above the method detection limit.
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U - The analyte was analyzed for, but not detected. The associated numerical value is the MDL