

**Table 2-3
AOC 65 Previous Investigations
Analyte Detection Summary, April 2002**

Sample ID: Sample Date: Sample Type: Soil Type: Beg Depth: End Depth: Lab ID:	Soil Comparison Criteria					AOC65-Pit 1				AOC65-Pit 1				AOC65-Pit 1				AOC65-Pit 1				AOC65-Pit 1 (Dup)				AOC65-Pit 1 (Dup)				AOC65-Pit 1 (Dup)				AOC65-Pit 1 (Dup)								
	Lab MDL	Lab RL	Background ^a Soil	GWP (Ind.)	SAI (Ind.)	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL					
VOCs, SW8260B (mg/kg)																																										
Tetrachloroethene	0.0002	0.007	--	0.5	207									2.8818	R	5.643	0.045					1.7394	J	88.65	0.700									3.6758	R	5.747	0.046	2.4454	J	89.96	0.700	
Toluene	0.0002	0.005	--	100	2400									0.0076	F	5.463	0.032																	0.0161		5.747	0.033					
Total Solids, D2216 (%)																																										
Total Solids		1	--																																							
Total Metals, SW6010B (mg/kg)																																										
Barium	0.01	1	186	200	59000																																					
Chromium	0.08	20	40.2	10	350000																																					
Copper	0.07	2	23.2	130	74000																																					
Nickel	0.12	2	35.5	200	12000																																					
Zinc	0.42	2	73.2	3100	410000																																					
SW7060A (mg/kg)																																										
Arsenic	0.032	0.5	19.6	5	200																																					
SW7131A (mg/kg)																																										
Cadmium	0.022	0.1	3	0.5	1500																																					
SW7421(mg/kg)																																										
Lead	0.069	0.5	84.5	1.5	1000																																					

Sample ID: Sample Date: SACode: Soil Type: Beg Depth: End Depth: Lab Package No:	Soil Comparison Criteria					AOC65-Pit 2				AOC65-Pit 2				AOC65-Pit 2				AOC65-Pit 2				AOC65-Pit 2																					
	Lab MDL	Lab RL	Background ^a Soil	GWP (Ind.)	SAI (Ind.)	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL	Results	Flags	Dilutions	SQL		
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Tables present all laboratory results for analytes detected above the method detection limit. Results from all laboratory analysis are presented in Appendix B. All samples were analyzed by O'Brien & Gere Laboratories. All results on a dry-weight basis.

Abbreviations/Notes:

Bolded and highlighted samples 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
- GWP-Ind Soil MSC based on groundwater protection
- MDL Method Detection Limit
- N1 Environmental Sample
- NA Not Available
- RL Reporting Limit
- SQL

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 - Matrix effect present.
- U - The analyte was analyzed for, but not detected. The associated numerical value is the MDL.
- R - The data are unreliable due to deficiencies in the ability to analyze the sample.