

Table 10. Pond Salt and Sediment TCLP Results

Sample ID Sample Date Method Parameters Units			LW-POND- SALTN 2	LW-POND- SALTS 2	LW-POND- SEDN 3	LW-POND- SEDS 3	TCLP Concentration Limits
General Chemistry							
E350.1	Nitrogen, ammonia	mg/kg	ND	1.85	10	17.4	---
SW9056	Bromide	mg/kg	ND	ND	ND	ND	---
SW9056	Chloride	mg/kg	2510	2910	25100	25200	---
SW9050	Conductance, specific	umhos/cm	81700	81900	70200	35500	---
SW9045	Corrosivity	s.u.	9.95	10.1	10.1	9.94	---
SW9012	Cyanide, WAD	mg/kg	ND	ND	ND	ND	---
SW9056	Fluoride	mg/kg	50.7	32.2	288	457	---
D93	Ignitibility	Deg F	ND	ND	ND	ND	---
SW9056	Nitrogen, nitrate	mg/kg	ND	ND	ND	ND	---
SW9056	Nitrogen, nitrite	mg/kg	ND	ND	0.183	ND	---
	pH	s.u.	9.95	9.91	9.75	9.68	---
SW9056	Phosphorus, total	mg/kg	ND	ND	379	127	---
CALSOP0027	Sodium Adsorption Ratio	ratio	NM	NM	1650	1660	---
SW9056	Sulfate	mg/kg	547000	501000	206000	166000	---
SW9030	Sulfide	mg/kg	ND	ND	ND	ND	---
USDA LOI	Total Organic Carbon (TOC)	mg/kg	328000	27900	42300	70700	---
SW9066	Total Phenol By 4AAP	mg/kg	ND	ND	0.38	0.449	---
SW9071	Oil & Grease (Hexane Extr)	mg/kg	149	115	359	505	---
Metals							
SW6010B	Aluminum	mg/kg	80.2	46.3	2250	2620	---
SW6010B	Antimony	mg/kg	ND	ND	ND	ND	---
SW6010R	Arsenic	mg/L	ND	ND	0.352	0.504	5
SW6010B	Arsenic	mg/kg	1.04	0.84	46.2	51.4	---
SW6010R	Barium	mg/L	0.13	0.189	0.537	0.499	100
SW6010B	Barium	mg/kg	4.63	5.55	87.5	90.4	---
SW6010B	Beryllium	mg/kg	ND	ND	ND	ND	---
SW6010B	Boron	mg/kg	1410	996	4020	4570	---
SW6010R	Cadmium	mg/L	ND	ND	ND	ND	1
SW6010B	Cadmium	mg/kg	ND	ND	0.232	0.271	---
SW6010B	Calcium	mg/kg	3900	5830	87200	95700	---
SW6010R	Chromium	mg/L	ND	ND	ND	ND	5
SW6010B	Chromium	mg/kg	0.252	0.198	2.86	2.95	---
SW7196	Chromium VI (Hexavalent)	mg/kg	ND	ND	ND	2.83	---
CALC	Chromium, Trivalent	mg/kg	0.252	ND	2.86	ND	---
SW6010B	Copper	mg/kg	ND	ND	7.87	7.7	---
SW6010B	Iron	mg/kg	127	69.6	2540	2400	---
SW6010R	Lead	mg/L	ND	ND	ND	ND	5
SW6010B	Lead	mg/kg	ND	ND	3.19	3.41	---
SW6010B	Lithium	mg/kg	19.1	27.2	213	261	---
SW6010B	Magnesium	mg/kg	1580	1030	54300	69800	---
SW6010B	Manganese	mg/kg	3.92	2.4	76.9	89.4	---
SW7470R	Mercury	mg/L	ND	ND	ND	ND	0.2
SW7471A	Mercury	mg/kg	ND	ND	0.017	0.0213	---
SW6010B	Molybdenum	mg/kg	30.9	49.9	743	805	---
SW6010B	Nickel	mg/kg	0.742	ND	4.46	4.48	---
SW6010B	Potassium	mg/kg	291000	286000	45400	49300	---
SW6010R	Selenium	mg/L	ND	ND	ND	ND	1
SW6010B	Selenium	mg/kg	ND	ND	3.9	3.74	---
SW6010B	Silicon	mg/kg	528	370	7090	8620	---
SW6010R	Silver	mg/L	ND	ND	ND	ND	5
SW6010B	Silver	mg/kg	ND	ND	ND	ND	---
SW6010B	Sodium	mg/kg	97100	85600	112000	114000	---
SW6010B	Strontium	mg/kg	146	270	3190	3790	---
SW6010B	Thallium	mg/kg	ND	ND	ND	ND	---
SW6020	Uranium	mg/kg	0.0907	0.12	1.48	1.91	---
SW6010B	Zinc	mg/kg	2.28	1.83	22.2	26.2	---

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Petroleum Products							
SW8015D	TPH (GC/FID) High Fraction	mg/kg	1.44	1.7	20.3	53.9	---
SW8015V	TPH (GC/FID) Low Fraction	mg/kg	0.0501	0.043	0.184	0.159	---
Volatile Organic Compounds							
SW8260R	1,1-Dichloroethene	mg/L	ND	ND	ND	ND	0.7
SW8260R	1,2-Dichloroethane	mg/L	ND	ND	ND	ND	0.5
SW8260R	2-Butanone (Methyl Ethyl Ketone)	mg/L	ND	ND	ND	ND	200
SW8260R	Benzene	mg/L	ND	ND	ND	ND	0.5
SW8260R	Carbon tetrachloride	mg/L	ND	ND	ND	ND	0.5
SW8260R	Chlorobenzene	mg/L	ND	ND	ND	ND	100
SW8260R	Chloroform (Trichloromethane)	mg/L	ND	ND	ND	ND	6
SW8260R	Tetrachloroethene	mg/L	ND	ND	ND	ND	0.7
SW8260R	Trichloroethene	mg/L	ND	ND	ND	ND	0.5
SW8260R	Vinyl chloride	mg/L	ND	ND	ND	ND	0.2
Semi-Volatile Organic Compounds							
SW8270R	1,4-Dichlorobenzene	mg/L	ND	ND	ND	ND	7.5
SW8270R	2,4,5-Trichlorophenol	mg/L	ND	ND	ND	ND	400
SW8270R	2,4,6-Trichlorophenol	mg/L	ND	ND	ND	ND	2
SW8270R	2,4-Dinitrotoluene	mg/L	ND	ND	ND	ND	0.13
SW8270R	2-Methylphenol	mg/L	ND	ND	ND	ND	200
SW8270R	3&4-Methyl phenol	mg/L	ND	ND	ND	ND	200
SW8270R	Hexachlorobenzene	mg/L	ND	ND	ND	ND	0.16
SW8270R	Hexachlorobutadiene	mg/L	ND	ND	ND	ND	0.5
SW8270R	Hexachloroethane	mg/L	ND	ND	ND	ND	3
SW8270R	Nitrobenzene	mg/L	ND	ND	ND	ND	2
SW8270R	Pentachlorophenol	mg/L	ND	ND	ND	ND	100
SW8270R	Pyridine	mg/L	ND	ND	ND	ND	5