

Table 910-1		Huber Burkett 4-3								
CONCENTRATION LEVELS										
Contaminant of Concern	Concentrations									
Organic Compounds in Soil		Range of Background	DURLH-3316-1600 Produced Water	DURLH-3316-1705 End of Water	Back Ground 1 (BG1) DURLH-3316-1720	Back Ground Limits	DURLH-3316-1615	DURLH-3316-1630	DURLH-3316-1645	DURLH-3316-1700
TPH (total volatile & extractable petroleum hydrocarbons)	500mg/kg				<5.771	<5.771	<23.78	<6.109	<6.536	<6.2890
Benzene	0.17 mg/kg		<0.001	<0.001	<0.00321	<0.00321	<0.00290	<0.00339	<0.00363	<0.00349
Toluene	85 mg/kg		<0.001	<0.001	<0.0321	<0.0321	<0.0290	<0.0339	<0.0363	<0.0349
Ethylbenzene	100mg/kg		0.001	<0.001	<0.00321	<0.00321	<0.00290	<0.00339	<0.00363	<0.00349
Xylenes (total)	175 mg/kg		0.008	<0.001	<0.00962	<0.00962	<0.00870	<0.0102	<0.0109	<0.0105
Inorganics in Soils										
Electrical Conductivity (EC)	<4 mmhos/cm or 2x background		2210	531	45.4	90.8	235	250	616	573
Sodium Adsorption Ratio (SAR)	<12		16.5	7.78	0.0839	0.0839	5.6	1.62	12.9	9.54
pH	6.0-9.0		8.17	8.26	7.87	7.87	8.89	8.6	8.31	8.1
Inorganics										
Total Dissolved Solids (TDS)	<1.25 x background		1330	536	78	97.5	86.2	73.7	68.9	71.5
Chlorides	<1.25 x background		378	81.6	92.3	115.375	125	130	266	203
Sulfates	<1.25 x background		<20.0	6.37	<64.1	<80.125	<58.0	<67.9	<72.6	<69.9
Metals in Soils										
Arsenic	0.39 mg/kg				3.87	3.87	3.08	4.68	3.44	<2.80
Barium (LDNR True Total Barium)	15,000 mg/kg				520	520	125	456	421	390
Boron (TCLP)	2 mg/l				<9.00	<9.00	<9.00	<9.00	<9.00	<9.00
Cadmium	70 mg/kg				<0.641	<0.641	<0.580	<0.679	<0.726	<0.699
Chromium (III)	120,000 mg/kg				15.3	15.3	10.9	13.4	13	11.8
Chromium (VI)	23 mg/kg				<2.56	<2.56	<2.32	<2.71	<2.90	<2.80
Copper	3,100 mg/kg				23	23	17.7	19.7	20.2	19.2
Lead (inorganic)	400 mg/kg				13.8	13.8	6.9	13	13.8	13.3
Mercury	23 mg/kg				0.0266	0.0266	<0.0232	<0.0271	<0.0290	<0.0280
Nickel (soluble salts)	1,600 mg/kg				12.8	12.8	9.07	12.4	12.4	11.8
Selenium	390 mg/kg				<2.56	<2.56	<2.32	<2.71	<2.90	<2.80
Silver	390 mg/kg				<1.28	<1.28	<1.16	<1.36	<1.45	<1.40
Zinc	23,000 mg/kg				76.8	76.8	40.8	79.8	80.6	74
Nitrate			<2.50	<0.25						
Nitrite			<2.50	<0.25						
Fluoride			<2.50	0.72						
o-Phosphate-P			<2.50	<0.25						
Iron			<0.50	2.17						
Calcium			48	15.9						
Magnesium			5.89	2.23						
Potassium			6.44	2.65						
Sodium			455	125						