Table 1 Analytical Summary table
296-7 Tank Area Environmental Assessment

Sample No.	Constituent Concentrations									
	TPH-GR0(mg/kg)	TPH-DRO(mg/kg	TPH-total(mg/kg)	benzene(mg/kg)	toluene(mg/kg)	ethylbenzene(mg/kg)	xylenes(mg/kg)	SAR	EC(mmhos/cm)	pH
H-1	ND	ND	ND	ND	ND	ND	ND	2.07	0.276	8.97
H-3	ND	ND	ND	ND	ND	ND	ND	1.36	0.234	9.24
H-4	ND	18.2	18.2	ND	ND	ND	ND	1.39	0.243	9.06
H-7	ND	ND	ND	ND	ND	ND	ND	1.29	0.295	9.29
H-9	ND	ND	ND	ND	ND	ND	ND	0.695	0.476	9.15
H-11	ND	ND	ND	ND	ND	ND	ND	0.813	0.212	9.45
H-14	ND	287	287	ND	ND	ND	ND	1.16	0.216	9.38
H-17	ND	16.1	16.1	ND	ND	ND	ND	1.81	0.545	9.38
H-18	ND	16.9	16.9	ND	ND	ND	12.7	3.75	1.990	9.35
H-19	ND	ND	ND	ND	ND	ND	ND	0.785	0.256	9.40
H-20	ND	ND	ND	ND	ND	ND	ND	0.489	0.610	8.70
H-21	ND	105	105	ND	ND	ND	ND	4.47	1.100	8.88
H-22	ND	309	309	ND	ND	ND	ND	2.54	0.453	9.33
H-23	ND	43.8	43.8	ND	ND	ND	ND	2.82	1.240	9.09
GR	ND	15,000	15,000	ND	ND	ND	ND	0.46	0.228	9.05
SO	39	5,780	5,780	ND	ND	0.0408	0.466	1.48	0.224	8.24
V1	5.05	684	689	ND	ND	ND	0.0575	1.42	0.296	9.51
V2	601.1	1,150	1,751	ND	0.305	ND	1.101	2.25	0.659	9.32
V3	ND	30	30	ND	ND	ND	ND	2.28	1.040	9.28
V4	ND	89	89	ND	ND	ND	ND	2.15	0.894	8.96
V5	2.88	1,370	1,370	ND	ND	ND	0.0146	1.90	0.420	9.13
V6	ND	316	316	ND	ND	ND	ND	2.24	0.604	9.03
V7	ND	231	231	ND	ND	ND	ND	3.04	0.607	9.19
V8	183	2,820	3,003	ND	0.278	ND	3.193	2.12	0.806	9.05
V9	89.8	2,520	2,610	ND	0.334	ND	1.671	0.75	0.338	8.95
V10	ND	15	15	ND	ND	ND	ND	2.19	0.325	9.23
V11	ND	284	284	ND	ND	ND	ND	2.0	0.265	9.28
COGCC allowable levels			500	0.17	85	100	175	<12	<4or 2x bckgrnd	6-9

Notes:
1) "-" indicates no analysis completed.
2) ND = not detectible to the laboratory detection limit.
3) Results highlighted in yellow exceed Table 910-1 levels. Results highlighted in grey exceed Table 910-1, but are below max. allowable levels based on background statistical analyses.
4) Refer to the attached site map for approximate sample locations.
5) H samples collected outside containment area, V samples collected inside containment area, GR sample is composite of gravel inside containment area, and SO sample is a soil composite sample collected for inside the containment area.

Site Specific Statistical Evaluation of pH Background Data (CDPHE, December 31, 1997, Proposed Soil Remediation Objectives Policy Document (Attachment 4))

pH
7.79
8.4
8.93
8.99
9.22
9.4

median =
Qu = 9.22
QL = 8.4
IRQ = 0.82
Background concentration = median + 2(IRQ) = 10.60

Alternatively, per COGCC, a 20% variablitiy factor can be applied to the highest background concentration to determine the site allowable level. Therefore, a pH of 11.28 is allowable.