Table 3-2. Soil Summary - Metals
Area 5 and Area 8 Soils
TIMET
Henderson, Nevada

				Site Area	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5
				PSA ID (If Applicable)	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn
				Location	DD-B-4	DD-B-4	DD-B-5	DD-B-5	DD-B-6	DD-B-6	DD-B-7	DD-B-7	DD-B-8	DD-B-8	DD-B-9	DD-B-9	FM-SS-1
				Sample Name	DD-B-4_SS	DD-B-4_SUB	DD-B-5_SS	DD-B-5_SUB	DD-B-6_SS	DD-B-6_SUB	DD-B-7_SS	DD-B-7_SUB	DD-B-8_SS	DD-B-8_SUB	DD-B-9_SS	DD-B-9_SUB	FM-SS-1_SS
				Start Depth	0	5.5	0	9	0	10	0	10	0	10	0	10	0
				End Depth	0.5	10.5	0.5	14	0.5	15	0.5	15	0.5	15	0.5	15	0.5
				Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	12/2/2013	12/2/2013	11/13/2013	11/13/2013	12/3/2013	12/3/2013	12/6/2013	12/6/2013	12/4/2013	12/4/2013	12/3/2013	12/3/2013	11/20/2013
				Parent Sample													
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL	NDEP LBCL DAF1	NDEP LBCL DAF20													
Aluminum	mg/Kg	100000	75	1500	12000	12000	9900	9500	11000	11000	12000	9800	12000	13000	9500	8900	9100
Antimony	mg/Kg	454	0.3	6	3.5 UJ-	3.2 UJ-	3.2 UJ-	3.3 UJ-	3.4 UJ-	3.3 UJ-	3.4 UJ-	3.4 UJ-	3 UJ-	3 UJ-	3.3 UJ-	3.2 UJ-	2.8 UJ-
Arsenic	mg/Kg	1.77	1	20	4.8 J	4.5 J	4.3 J	5.8	4.4 J	4.2 J	5.1 J	4.6 J	3.8 J	5.1	4.9 J	5	3 J
Barium	mg/Kg	100000	82	1640	290 J+	170 J+	350 J-	160 J-	180 J+	140 J+	350 J-	200 J-	230 J+	240 J+	210 J+	130 J+	170
Beryllium	mg/Kg	2230	3	60	0.92 U	0.85 U	0.83 U	0.87 U	0.88 U	0.88 U	0.9 U	0.9 U	0.8 U	0.86 U	0.86 U	0.84 U	0.74 U
Cadmium	mg/Kg	1110	0.4	8	0.54 U	0.5 U	0.54 J	0.52 U	0.52 U	0.52 U	0.8 J	0.53 U	0.48 U	0.51 U	0.51 U	0.49 U	0.44 U
Calcium	mg/Kg				28000 J	20000 J	21000	25000	16000 J	26000 J	30000	35000	20000 J+	27000 J+	19000 J	26000 J	22000 J
Chromium (Cr III assumed)	mg/Kg	100000			170	17	46	11	49	11	70	12	19	15	38	13	68
Cobalt	mg/Kg	337	0.495	9.9	14 J	8.9 J	19 J	9.3 J	9 J	8.9 J	17 J	7.7 J	11 J	9.7 J	9.7 J	7.4 J	9.1 J
Copper	mg/Kg	42200	45.8	915	89	18	44	16	19	17	200	18	26	19	48	16	19
Iron	mg/Kg	100000	7.56	151	16000	18000	13000	13000	16000	15000	17000	14000	17000	16000	13000	13000	13000
Lead	mg/Kg	800			42	10	26	9.1	58	8.1 J+	37	9.4	22	12 J+	16	8.2 J+	18
Magnesium	mg/Kg	100000	973	19500	14000 J+	10000 J+	11000	8300	11000 J+	11000 J+	11000	7800	11000 J+	10000 J+	8400 J+	7900 J+	8500
Manganese	mg/Kg	24900	1.3	26.1	2000	360	2600	340	1200	330	2800	340	690 J+	500 J+	800	270	500
Mercury	mg/Kg	182		2.09	0.22	0.017 J	0.045	0.011 U	0.026 J	0.011 U	0.39	0.012 J	0.022 J	0.011 U	0.038	0.013 J	0.021 J
Nickel	mg/Kg	21800	7	140	30	18 J	27	17 J	32	18 J	43	15 J	21	18 J	17 J	15 J	18
Niobium	mg/Kg	114	1.38	25.6	160 J-	12 J	50	1.8 U	25 J-	6.7 J	60 J-	2 UJ-	29 J-	2.6 J	41 J-	8.9 J	45 J-
Potassium	mg/Kg				2200 J	2100 J	2200 J	1700 U	3500 U	3500 U	3200	2200 J	3200 U	3400 U	3400 U	3300 U	2400 J-
Selenium	mg/Kg	5680	0.3	6	1.6 UJ-	1.5 UJ-	1.5 J	1.5 U	1.5 UJ-	1.5 UJ-	1.5 U	1.5 U	1.4 U	1.5 U	1.5 UJ-	1.4 UJ-	1.3 U
Silver	mg/Kg	5680	0.85	17	5.2 J	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.8 J	1.2 U	1.1 U	1.1 U	1.2 U	1.2 U	1.2 J
Sodium	mg/Kg				890 J+	850 J+	470 J	600 J+	750 J	800 J	1200 J+	1000 J	630 J	960 J	1900 J+	1100 J+	840 J+
Thallium	mg/Kg	74.9	0.4	8	0.83 U	0.77 U	0.76 U	0.72 U	0.8 U	0.79 U	0.81 U	0.81 U	0.72 U	0.78 U	0.78 U	0.75 U	0.67 U
Titanium	mg/Kg	100000	146000	2920000	3000	1100	1100	670	920	810	2400	830	660	530	1200	720	1500
Uranium	mg/Kg	3400	13.5	270	21	1.3	4.5	1.3	8.3	1.5	2.7	1.3	1.6	1.6	6	1.6	11
Vanadium	mg/Kg	5680	300	6000	320	56	77	30	150	43	140	40	56	44	71	37	160 J-
Zinc	mg/Kg	100000	620	12400	85 J+	45 J+	60	34 J+	52 J+	37 J+	180	38	53 J+	40 J+	45 J+	35 J+	38

Notes:
-- = Sample not analyzed for this compound
* LCS or LCSD exceeds the control limits
+/- = suspected high or low bias
D = data reported from secondary dilution
J = estimated concentration
R = data rejected (qualifier may be used in conjunction with other qualifier)
U = analyte not detected above referenced laboratory limit
UJ = analyte not detected above referenced laboratory limit;
reporting limit may be inaccruate or imprecise
blue shading = analyte concentration exceeds
comparison level for Industrial Outdoor Worker BCL
orange shading = analyte concentration exceeds
LBCL DAF20 comparison level

Table 3-2. Soil Summary - Metals
Area 5 and Area 8 Soils
TIMET
Henderson, Nevada

				Site Area	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 8	Area 8	Area 8
				PSA ID (If Applicable)	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	Drainage Ditches	Drainage Ditches	DrainageDitches
				Location	FM-SS-1	FM-SS-2	FM-SS-2	FM-SS-3	FM-SS-4	FM-B-1	FM-B-1	FM-B-1	FM-B-2	FM-B-2	FM-B-2	Alpha Line	Alpha Line	DD-B-10
				Sample Name	FM-SS-1_SS DUP	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	FM-SS-4_SS	FM-B-1 0-2	FM-B-1 13-15	FM-B-1 2-4	FM-B-2 0-2	FM-B-2 13-15	FM-B-2 2-4	AL-1	AL-2	DD-B-10_SS
				Start Depth	0	0	0	0	0	0	13	2	0	13	2	5	2	0
				End Depth	0.5	0.5	0.5	0.5	0.5	2	15	4	2	15	4	5.5	2.5	0.5
				Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	12/12/2013	7/30/2014	7/30/2014	12/4/2013
				Parent Sample	FM-SS-1_SS_11/20/13		FM-SS-2_SS_11/20/13											
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL	NDEP LBCL DAF1	NDEP LBCL DAF20														
Aluminum	mg/Kg	100000	75	1500	8400	8600	8700	5200	7900	9000	7900	8900	6900	10000	10000	12000	5300	12000
Antimony	mg/Kg	454	0.3	6	3 UJ-	3 UJ-	3 UJ-	3 UJ-	3.1 UJ-	5.2 UJ-	4.8 UJ-	4.5 UJ-	4.4 UJ-	4.9 UJ-	4.7 UJ-	3.9 UJ-	3.2 UJ-	3.1 UJ-
Arsenic	mg/Kg	1.77	1	20	2.8 J	2.9 J	2.5 J	1.4 J	2.6 J	3.7 J	5.2	4.9	3.3 J	5.3	3.8 J	4.9 J	4.5 J	4.3 J
Barium	mg/Kg	100000	82	1640	150 J-	180 J-	170 J-	110 J-	150 J-	130 J+	140 J+	160	150	160	230	250 J-	480 J-	220 J+
Beryllium	mg/Kg	2230	3	60	0.79 U	0.78 U	0.78 U	0.79 U	0.83 U	2.6 UJ-	2.4 UJ-	2.2 UJ-	2.2 UJ-	2.5 UJ-	2.3 UJ-	1.1 J	0.76 U	0.77 U
Cadmium	mg/Kg	1110	0.4	8	0.47 U	0.46 U	0.46 U	0.47 U	0.49 U	2.6 U	2.4 U	2.2 U	2.2 U	2.5 U	2.3 U	0.43 U	0.35 U	0.46 U
Calcium	mg/Kg				20000 J	17000 J	16000 J	18000 J	13000 J	14000 J+	21000 J+	18000 J+	11000 J+	18000 J+	14000 J+	22000	16000	20000 J+
Chromium (Cr III assumed)	mg/Kg	100000			59	49	35	290	98	9.8 J+	8.7 J+	12 J+	150	13 J+	15 J+	41	120	17
Cobalt	mg/Kg	337	0.495	9.9	8.6 J	10 J	10 J	8.6 J	10 J	9.1 J	7.4 J	9.9 J	7.1 J	8.5 J	9.1 J	12 J	7.3 J	10 J
Copper	mg/Kg	42200	45.8	915	17	19	18	54	19	18	15	18	23	19	16	54 J-	25 J-	23
Iron	mg/Kg	100000	7.56	151	13000	14000	14000	7800	12000	14000	10000	16000	9500	15000	16000	22000	9500	18000
Lead	mg/Kg	800			17	14	12	26	17	7.5 J+	7.3 J+	9.6 J+	12 J+	8.1 J+	9.7 J+	24 J+	45	17
Magnesium	mg/Kg	100000	973	19500	7300	6700	7000	4400	6300	9000 J	7500 J	8300 J	5500 J	9600 J	7300 J	12000	5200	10000 J+
Manganese	mg/Kg	24900	1.3	26.1	460	510	550	330	480	390 J-	300 J-	440 J-	350 J-	330 J-	430 J-	600	810	720 J+
Mercury	mg/Kg	182		2.09	0.031	0.029 J	0.028 J	0.086	0.055	0.024 J	0.019 J	0.043	0.058	0.018 J	0.021 J	0.55	0.27	0.027 J
Nickel	mg/Kg	21800	7	140	17 J	17 J	18	15 J	19 J	21	15 J	18	15 J	17 J	16 J	26 J	20 J	19
Niobium	mg/Kg	114	1.38	25.6	46 J-	30 J-	24 J	300 J-	66 J-	13 UJ-	12 UJ-	1.9 J	200 J-	12 UJ-	7.1 J	18 J-	79 J-	6.9 J
Potassium	mg/Kg				2200 J	2000 J	2100 J	1600 UJ-	1700 UJ-	5200 U	4800 U	4500 U	4400 U	4900 U	4700 U	2500 J	1200 J	3100 U
Selenium	mg/Kg	5680	0.3	6	1.4 U	1.3 U	1.3 U	1.4 U	1.4 U	7.8 UJ-	7.2 UJ-	6.7 UJ-	6.7 UJ-	7.4 UJ-	7 UJ-	0.89 U	0.82 J	1.3 U
Silver	mg/Kg	5680	0.85	17	1.1 U	1.1 U	1.1 U	17	2.1 J	5.2 U	4.8 U	4.5 U	1.6 J	4.9 U	4.7 U	810 J	360 J	1.1 U
Sodium	mg/Kg				810 J+	450 J	450 J	570 J+	820 J+	670 J	550 J	760 J	630 J	860 J	790 J	1700	1300	830 J
Thallium	mg/Kg	74.9	0.4	8	0.71 U	0.7 U	0.7 U	0.71 U	0.75 U	2.6 U	2.4 U	2.2 U	2.2 U	2.5 U	2.3 U	0.97 U	0.78 U	0.7 U
Titanium	mg/Kg	100000	146000	2920000	1500	1100	1000	3200	1500	640	480	810	1400	670	850	1700	1300	610
Uranium	mg/Kg	3400	13.5	270	9.6	6.2	4	48	15	0.93	1.2	1.1	23	1.5	1.1	2.1	10	1.1
Vanadium	mg/Kg	5680	300	6000	140 J-	94 J-	71 J-	470 J-	140 J-	33 J-	28 J	42 J-	220 J-	40 J-	45 J-	82 J-	120 J-	48
Zinc	mg/Kg	100000	620	12400	33	43	40	29	52	38 J+	32 J+	39 J+	31 J+	39 J+	39 J+	100 J	52 J	47 J+

Notes:
-- = Sample not analyzed for this compound
* LCS or LCSD exceeds the control limits
+/- = suspected high or low bias
D = data reported from secondary dilution
J = estimated concentration
R = data rejected (qualifier may be used in conjunction with other qualifier)
U = analyte not detected above referenced laboratory limit
UJ = analyte not detected above referenced laboratory limit;
reporting limit may be inaccruate or imprecise
blue shading = analyte concentration exceeds
comparison level for Industrial Outdoor Worker BCL
orange shading = analyte concentration exceeds
LBCL DAF20 comparison level

Table 3-2. Soil Summary - Metals
Area 5 and Area 8 Soils
TIMET
Henderson, Nevada

				Site Area	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8
				PSA ID (If Applicable)	DrainageDitches	None	None	None	None	None	None	PSA-35	PSA-35	PSA-35
				Location	DD-B-10	DD-B-10	NE-B-1	NE-B-1	NE-B-1	NE-B-2	NE-B-2	NE-B-3	NE-B-3	NE-B-3
				Sample Name	DD-B-10_SUB	DD-B-10_SUB DUP	NE-B-1_SS	NE-B-1_SUB	NE-B-1_SUB DUP	NE-B-2_SS	NE-B-2_SUB	NE-B-3_SS	NE-B-3_SUB	NE-B-3_SUB DUP
				Start Depth	10	10	0	8.5	8.5	0	10	0	10	10
				End Depth	15	15	0.5	13.5	13.5	0.5	15	0.5	15	15
				Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	12/4/2013	12/4/2013	11/22/2013	11/22/2013	11/22/2013	11/22/2013	11/22/2013	11/22/2013	11/22/2013	11/22/2013
				Parent Sample		DD-B-10_SUB_12/04/13			NE-B-1_SS_11/22/13					NE-B-3_SUB_11/22/13
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL	NDEP LBCL DAF1	NDEP LBCL DAF20										
Aluminum	mg/Kg	100000	75	1500	18000	13000	5700	11000	8800	7800	9100	8100	7100	6800
Antimony	mg/Kg	454	0.3	6	3.3 UJ-	3.2 UJ-	3.2 UJ-	3.4 UJ-	3.3 UJ-	3.3 UJ-	3.6 UJ-	3.4 UJ-	3.4 UJ-	3.4 UJ-
Arsenic	mg/Kg	1.77	1	20	3.4 J	5.2	4.6 J	4.2 J	6 J+	5.4 J+	6.2 J+	5.4 J+	5.8 J+	5.2 J
Barium	mg/Kg	100000	82	1640	170 J+	200 J+	72 J+	180 J+	150 J+	140 J+	140 J+	130 J+	110 J+	110 J+
Beryllium	mg/Kg	2230	3	60	0.86 U	0.87 U	0.85 U	0.9 U	0.87 U	0.86 U	0.94 U	0.89 U	0.9 U	0.9 U
Cadmium	mg/Kg	1110	0.4	8	0.51 U	0.51 U	0.5 U	0.53 U	0.51 U	0.51 U	0.56 U	0.53 U	0.53 U	0.53 U
Calcium	mg/Kg				28000 J+	27000 J+	17000	25000	29000	18000	27000	20000	29000	28000
Chromium (Cr III assumed)	mg/Kg	100000			14	15	7.8	12	11	10	11	15	11	11
Cobalt	mg/Kg	337	0.495	9.9	11 J	9.4 J	8.2 J	8.9 J	9 J	9.8 J	9 J	9.8 J	9.5 J	9.3 J
Copper	mg/Kg	42200	45.8	915	21	17	17	17	16	18	17	24	15	16
Iron	mg/Kg	100000	7.56	151	17000	17000	9300	15000	12000	12000	13000	13000	10000	9600
Lead	mg/Kg	800			9.3 J+	10 J+	7	10	8.5	8.6	8.1	11	8.1	7.4
Magnesium	mg/Kg	100000	973	19500	11000 J+	10000 J+	9700	9900	8800	5900	7500	9200	6300	5900
Manganese	mg/Kg	24900	1.3	26.1	420	400 J+	210 J+	350 J+	320 J+	320 J+	280 J+	360 J+	220 J+	230 J+
Mercury	mg/Kg	182		2.09	0.029 J	0.011 U	0.011 J	0.011 J	0.011 U	0.011 J	0.012 J	0.022 J	0.012 J	0.012 J
Nickel	mg/Kg	21800	7	140	20	18 J	16 J	17 J	16 J	15 J	16 J	20 J	16 J	16 J
Niobium	mg/Kg	114	1.38	25.6	2 UJ-	1.7 UJ-	1.9 UJ-	2 UJ-	2 UJ-	2.7 J	2.1 UJ-	2.2 J	2 UJ-	2 UJ-
Potassium	mg/Kg				3400 U	3500 U	1700 U	2100 J	1700 J	1700 U	1900 U	2000 J	1800 U	1800 U
Selenium	mg/Kg	5680	0.3	6	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.5 U	1.6 U	1.5 U	1.5 U	1.5 U
Silver	mg/Kg	5680	0.85	17	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.2 U	1.3 U	1.2 U	1.3 U	1.2 U
Sodium	mg/Kg				6000 J	1400 J	400 J	960 J+	690 J+	750 J+	690 J+	940 J+	540 J+	500 J
Thallium	mg/Kg	74.9	0.4	8	0.77 U	0.78 U	0.76 U	0.81 U	0.78 U	0.78 U	0.85 U	0.8 U	0.81 U	0.81 U
Titanium	mg/Kg	100000	146000	2920000	740	540	620	930	710	720	770	790	570	540
Uranium	mg/Kg	3400	13.5	270	1.1	1.5	1.3 J+	0.95 J+	1.2 J+	1.3 J+	1.8 J+	1.3 J+	1.3 J+	1.4 J+
Vanadium	mg/Kg	5680	300	6000	45	44	22 J	36	29	31	31	30	26 J	23 J
Zinc	mg/Kg	100000	620	12400	47 J+	41 J+	36	39	37	36	40	45	38	37

Notes:
-- = Sample not analyzed for this compound
* LCS or LCSD exceeds the control limits
+/- = suspected high or low bias
D = data reported from secondary dilution
J = estimated concentration
R = data rejected (qualifier may be used in conjunction with other qualifier)
U = analyte not detected above referenced laboratory limit
UJ = analyte not detected above referenced laboratory limit;
reporting limit may be inaccruate or imprecise
blue shading = analyte concentration exceeds
comparison level for Industrial Outdoor Worker BCL
orange shading = analyte concentration exceeds
LBCL DAF20 comparison level

Table 3-2. Soil Summary - Metals
Area 5 and Area 8 Soils
TIMET
Henderson, Nevada

				Site Area	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8
				PSA ID (If Applicable)	None	None	None	None	None	None
				Location	NE-B-6	NE-B-6	NE-B-6	NE-B-7	NE-B-7	NE-B-7
				Sample Name	NE-B-6 0-0.5	NE-B-6 10.0-11.5	NE-B-6 5.0-6.5	NE-B-7 0-0.5	NE-B-7 10.0-11.5	NE-B-7 5.0-6.5
				Start Depth	0	10	5	0	10	5
				End Depth	0.5	11.5	6.5	0.5	11.5	6.5
				Depth Units	ft	ft	ft	ft	ft	ft
				Sample Date	3/20/2014	3/20/2014	3/20/2014	3/20/2014	3/20/2014	3/20/2014
				Parent Sample						
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL	NDEP LBCL DAF1	NDEP LBCL DAF20						
Aluminum	mg/Kg	100000	75	1500	7700	7600	6700	9500	7600	7600
Antimony	mg/Kg	454	0.3	6	3.1 UJ-	2.9 UJ-	3 UJ-	3 UJ-	2.9 UJ-	3.3 UJ-
Arsenic	mg/Kg	1.77	1	20	5.8	5.9	5	4.9	5.4	5.1 J
Barium	mg/Kg	100000	82	1640	130 J+	100 J+	120 J+	180 J+	170 J+	170 J+
Beryllium	mg/Kg	2230	3	60	0.76 U	0.7 U	0.73 U	0.74 U	0.7 U	0.79 U
Cadmium	mg/Kg	1110	0.4	8	0.34 U	0.32 U	0.33 U	0.33 U	0.32 U	0.36 U
Calcium	mg/Kg				32000	32000	27000	26000	46000	31000
Chromium (Cr III assumed)	mg/Kg	100000			17	16	14	23	16	17
Cobalt	mg/Kg	337	0.495	9.9	11 J	10 J	11 J	12 J	11 J	13 J
Copper	mg/Kg	42200	45.8	915	20 J	13 J	16 J	47	18 J	17 J
Iron	mg/Kg	100000	7.56	151	12000	11000	12000	17000	11000	12000
Lead	mg/Kg	800			14	11	14	22	11	11
Magnesium	mg/Kg	100000	973	19500	15000	8600	9400	13000	7400	7300
Manganese	mg/Kg	24900	1.3	26.1	420	250	340	800	270	300
Mercury	mg/Kg	182		2.09	0.012 J	0.012 U	0.018 J	0.063 J+	0.011 U	0.012 U
Nickel	mg/Kg	21800	7	140	18 J	18 J	18 J	24 J	20 J	20 J
Niobium	mg/Kg	114	1.38	25.6	3 J	1.9 UJ-	1.9 UJ-	3.2 J	2 UJ-	2.1 UJ-
Potassium	mg/Kg				1600 J	1700 J	1600 J	2800 J	1300 J	1700 J
Selenium	mg/Kg	5680	0.3	6	2.1 U	1.9 U	2 U	2 U	1.9 U	2.2 U
Silver	mg/Kg	5680	0.85	17	0.71 U	0.65 U	0.68 U	0.69 U	0.65 U	0.74 U
Sodium	mg/Kg				680 J	920 J	360 J	1300	770 J	730 J
Thallium	mg/Kg	74.9	0.4	8	0.77 U	0.75 U	0.77 U	0.68 U	0.79 U	0.82 U
Titanium	mg/Kg	100000	146000	2920000	660	460	640	930	530	570
Uranium	mg/Kg	3400	13.5	270	1.7	1.3	1.2	0.9	1.8	1.3
Vanadium	mg/Kg	5680	300	6000	31 J	28 J	32 J	45 J	29 J	29 J
Zinc	mg/Kg	100000	620	12400	54 J+	43 J	47 J	76 J+	48 J+	50 J

Notes:
-- = Sample not analyzed for this compound
* LCS or LCSD exceeds the control limits
+/- = suspected high or low bias
D = data reported from secondary dilution
J = estimated concentration
R = data rejected (qualifier may be used in conjunction with other qualifier)
U = analyte not detected above referenced laboratory limit
UJ = analyte not detected above referenced laboratory limit;
reporting limit may be inaccruate or imprecise
blue shading = analyte concentration exceeds
comparison level for Industrial Outdoor Worker BCL
orange shading = analyte concentration exceeds
LBCL DAF20 comparison level

Table 3-3. Soil Summary - Radionuclides
Area 8 Soils
TIMET
Henderson, Nevada

		Site Area	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5
		PSA (If Applicable)	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn
		Location	DD-B-4	DD-B-4	DD-B-8	DD-B-8	DD-B-9	DD-B-9	FM-SS-1	FM-SS-1	FM-SS-2	FM-SS-2	FM-SS-3	FM-SS-4	FM-B-1	FM-B-1	FM-B-1
		Sample Name	DD-B-4_SS	DD-B-4_SUB	DD-B-8_SS	DD-B-8_SUB	DD-B-9_SS	DD-B-9_SUB	FM-SS-1_SS	FM-SS-1_SS DUP	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	FM-SS-4_SS	FM-B-1 0-2	FM-B-1 13-15	FM-B-1 2-4
		Start Depth	0	5.5	0	10	0	10	0	0	0	0	0	0	0	13	2
		End Depth	0.5	10.5	0.5	15	0.5	15	0.5	0.5	0.5	0.5	0.5	0.5	2	15	4
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/2/2013	12/2/2013	12/4/2013	12/4/2013	12/3/2013	12/3/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	12/12/2013	12/12/2013	12/12/2013
		Parent Sample								FM-SS-1_SS_11/20/13		FM-SS-2_SS_11/20/13					
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL															
Actinium-228	pCi/g		2.1	1.68	2.08	1.96	2.05	2.06	1.91	2.01	1.83	1.81	3.05	2.05	1.79	1.75	1.73
Bismuth-210M	pCi/g		0.0433 U	0.00754 U	0.0195 U	0.0568 U	-0.0218 U	0.0475 U	0.0513 U	-0.0451 U	0.00664 U	0.0196 U	0.0261 U	0.0123 U	0.105 U	0.118 U	0.114 U
Bismuth-212	pCi/g		4.12	2.98	2.63	1.88	1.17	1.68 U	3.09	3.53	2.78	2.91	4.46	2.57	1.2	2.93	2.38
Bismuth-214	pCi/g		4.57	1.11	1.61	1.15	3.67	1.12	2.34	2.57	1.48	1.74	11.3	3.28	1.1	1.11	1.05
Cesium-134	pCi/g		0.0172 U	0.0512 U	0.0424 U	-0.00405 U	0.00604 U	-0.052 U	0.0287 U	0.0241 U	0.0559 U	0.0235 U	0.0621 U	-0.0365 U	0.229 U	0.0921 U	0.065 U
Cesium-137	pCi/g		0.0337 U	0.000363 U	-0.0292 U	0.000455 U	0.00659 U	0.0292 U	-0.053 U	-0.0198 U	0.00232 U	0.00411 U	0.00278 U	-0.00306 U	0.0764 U	0.1 U	0.0715 U
Cobalt-57	pCi/g		0.00948 U	-0.00979 U	0.0375 U	0.00063 U	-0.0462 U	0.0126 U	0.00656 U	0.0164 U	0.0127 U	-0.0105 U	0.0104 U	0.0144 U	0.0567 U	0.0627 U	0.0628 U
Cobalt-60	pCi/g		0 U	0.0216 U	0.0195 U	0.0348 U	0.0107 U	0.0552 U	0.0111 U	0.011 U	0.0376 U	-0.0174 U	0.0591 U	0.013 U	0.106 U	0.11 U	0.0904 U
GROSS ALPHA	pCi/g		126	31.8	27.5	20.7	88.5	26.6	74.2	84.6	37.1	39	348	97.1	16.1	25.3	30.2
GROSS BETA	pCi/g		48.8 J+	30 J+	33.8 J+	26.6 J+	45.9 J+	32.3 J+	49.1 J+	50.8 J+	35.6 J+	35.3 J+	153 J+	32.9 J+	28.6 J+	19.9 J+	26.5 J+
Lead-212	pCi/g		2.14	1.6	1.81	1.91	1.95	1.89	1.99	1.9	1.66	1.9	2.89	1.79	1.69	1.89	1.61
Lead-214	pCi/g		4.75	1.13	1.8	1.45	4.06	1.39	2.71 J+	3.2 J+	1.66 J+	1.77 J+	11.3 J+	3.57 J+	1.12	1.34	1.17
Potassium-40	pCi/g		20	24.8	24	22.4	24.3	22.5	21.8	21.5	24.3	23.5	16.2	25.5	23.9	26.9	26.8
Protactinium-231	pCi/g		0.891 U	0.931 U	0.7 U	0.798 U	0.91 U	0.475 U	1.47 U	0.828 U	0.649 U	1.18 U	-3.01 U	0.933 U	1.96 U	2.66 U	1.19 U
Protactinium-234m	pCi/g		0.0946 U	0.075 U	0.00436 U	-0.126 U	0.127 U	-0.118 U	0.0502 U	-0.139 U	0.0401 U	0.00766 U	-0.281 U	-0.125 U	0.289 U	0.355 U	0.297 U
Radium-224	pCi/g		1.16 U	1.61 U	0.988 U	-5.43 U	2.76	2.54	2.43 U	2.45	2.29 U	2.35	3.2 U	1.46 U	1.78 U	2.18 U	2.75 U
Radium-226	pCi/g	0.023	**5.23 J+**	**1.13 J+**	**2.01 J+**	**1.55 J+**	**4.94 J+**	**0.99 J+**	**2.97**	**3.15**	**1.47**	**1.76**	**14.7**	**3.08**	**1.03 J+**	**1.31 J+**	**1.02 J+**
Radium-228	pCi/g	0.041	**1.33 J+**	**1.54 J+**	**1.13**	**1.12**	**1.05 J+**	**1.37 J+**	**1.39**	**1.22**	**1.12**	**0.63**	**1.94**	**1.27**	**1.17 J+**	**1.35 J+**	**1.37 J+**
Thallium-208	pCi/g		0.834	0.583	0.631	0.671	0.661	0.551	0.6	0.725	0.636	0.633	1.06	0.675	0.619	0.618	0.423
Thorium	pCi/g		1.49	1.35	1.86	1.64	1.59	1.36	1.64	1.57	1.88	1.7	2.23	1.64	1.96 J+	1.72 J+	1.49 J+
Thorium-227	pCi/g		-0.384 U	-0.0412 U	0.101 U	0.0453 U	0.201 U	0.082 U	0.389 U	0.00531 U	0.157 U	0.103 U	1.43	0.188 U	0.343 U	1.96 U	0.464 U
Thorium-228	pCi/g	0.025	**1.9**	**1.31**	**1.97 J+**	**1.56 J+**	**1.65**	**1.59**	**1.96 J+**	**1.84 J+**	**1.74 J+**	**1.8 J+**	**2.77 J+**	**1.79 J+**	**2.21 J+**	**1.77 J+**	**1.68 J+**
Thorium-230	pCi/g	8.3	5.58 J+	0.834 J+	1.5 J+	1.26 J+	2.65 J+	1.25 J+	4.89 J+	4.76 J+	2.58 J+	2.46 J+	**28.3 J+**	6.12 J+	1.44 J+	1.36 J+	1.01 J+
Thorium-234	pCi/g		6.47	0.942 U	1.16 U	0.897 U	3.59	1.01 U	3.56	4.15	2.84	2.85	22	3.94	1.78 U	2.26	1.54
Uranium-234	pCi/g	110	6.78	1.08	1.05	1.32	3.84	0.977	4.48	4.41	2.47	2.06	28.6	5.98	0.913	1.24	1.07
Uranium-235	pCi/g	0.35	**0.401**	0.0684	0.07	0.0255 U	0.21	0.0131 U	0.221	0.282	0.177	0.0594 U	**1.55**	0.311	0.128 U	0.0866 U	0.0424 U
Uranium-238	pci/g	1.4	**6.79**	1.17	1.27	1.14	**3.16**	1.03	**4.52**	**4.04**	**2.41**	**2.15**	**28.3**	**6**	1.33	0.84	1.08

Notes:
-- = Sample not analyzed for this compound
* LCS or LCSD exceeds the control limits
+/- = suspected high or low bias
D = data reported from secondary dilution
J = estimated concentration
R = data rejected (qualifier may be used in conjunction with other qualifier)
U = analyte not detected above referenced laboratory limit
UJ = analyte not detected above referenced laboratory limit;
reporting limit may be inaccruate or imprecise
blue shading = analyte concentration exceeds
comparison level for Industrial Outdoor Worker BCL
orange shading = analyte concentration exceeds
LBCL DAF20 comparison level

Table 3-3. Soil Summary - Radionuclides
Area 8 Soils
TIMET
Henderson, Nevada

		Site Area	Area 5	Area 5	Area 5	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8
		PSA (If Applicable)	FrancyMtn	FrancyMtn	FrancyMtn	Drainage Ditches	Drainage Ditches	PSA-35	PSA-35	PSA-35	None	None	None	None
		Location	FM-B-2	FM-B-2	FM-B-2	Alpha Line	Alpha Line	NE-B-3	NE-B-3	NE-B-3	NE-B-6	NE-B-6	NE-B-7	NE-B-7
		Sample Name	FM-B-2 0-2	FM-B-2 13-15	FM-B-2 2-4	AL-1	AL-2	NE-B-3_SS	NE-B-3_SUB	NE-B-3_SUB DUP	NE-B-6 0-0.5	NE-B-6 5.0-6.5	NE-B-7 0-0.5	NE-B-7 5.0-6.5
		Start Depth	0	13	2	5	2	0	10	10	0	5	0	5
		End Depth	2	15	4	5.5	2.5	0.5	15	15	0.5	6.5	0.5	6.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/12/2013	12/12/2013	12/12/2013	7/30/2014	7/30/2014	11/22/2013	11/22/2013	11/22/2013	3/20/2014	3/20/2014	3/20/2014	3/20/2014
		Parent Sample								NE-B-3_SUB_11/22/13				
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL												
Actinium-228	pCi/g		2.39	1.7	1.64	1.57	2.95	2.05	1.69	1.75	1.57	1.7	1.72	1.72
Bismuth-210M	pCi/g		0.227 U	0.107 U	0.128 U	0.0719 U	0.059 U	0.0438 U	-0.0442 U	0.0547 U	0.00202 U	0.0568 U	0.0327 U	0 U
Bismuth-212	pCi/g		2.57 U	1.16 U	3.18	1.6	2.23 U	3.17	1.17	1.47	3.02	2.04	1.97	2.2
Bismuth-214	pCi/g		5.16	1.18	1.15	1.54	16.5	1.43	0.972	1.35	1.56	0.822	1.18	1.01
Cesium-134	pCi/g		0.765 U	0.24 U	0.142 U	0.0353 U	0.115 U	-0.0456 U	0.00356 U	-0.008 U	0.0302 U	0.0366 U	0.0372 U	0.0659 U
Cesium-137	pCi/g		0.193 U	0.0818 U	0.135 U	0 U	0.0134 U	0.0317 U	-0.0106 U	0.00258 U	-0.000803 U	0.0108 U	0.0369 U	-0.0242 U
Cobalt-57	pCi/g		0.108 U	0.0536 U	0.0715 U	-0.00585 U	0.00602 U	-0.00516 U	0.00619 U	0.000551 U	-0.00529 U	-0.0174 U	0.0381 U	0.0196 U
Cobalt-60	pCi/g		0.188 U	0.12 U	0.0471 U	-0.001 U	-0.00837 U	0.01 U	0 U	0.0151 U	-0.0212 U	-0.00246 U	0.00216 U	0.0102 U
GROSS ALPHA	pCi/g		244	27.3	23.5	34.3	229	35.1	24.1	27.8	24.5	26.9	29.3	18.9
GROSS BETA	pCi/g		103 J+	29.6 J+	31.3 J+	33.6 J+	98.3 J+	32.5	29.5	29.5	22.5 J+	28.4 J+	29.2 J+	25.8 J+
Lead-212	pCi/g		2.32	1.66	1.68	34.3	229	1.75	1.79	1.54	1.82	1.41	1.63	1.62
Lead-214	pCi/g		5.2	1.22	1	33.6 J+	98.3 J+	1.44	1.18	1.15	1.86	0.979	1.25	0.993
Potassium-40	pCi/g		25	23.9	25.3	23.5	21.1	23.8	26	27.4	20.7	23.9	21.5	22
Protactinium-231	pCi/g		5.31 U	2.17 U	2.91 U	-1.28 U	0.3 U	-0.625 U	0.647 U	-1.56 U	0.603 U	0.979 U	0.798 U	1.28 U
Protactinium-234m	pCi/g		0.615 U	0.176 U	0.323 U	-0.0367 U	0.00529 U	-0.0393 U	0.0768 U	-0.139 U	0.0418 U	-0.0237 U	-0.0114 U	0.213
Radium-224	pCi/g		4.45 U	1.9 U	2.36	2.45	6.77	1.93 U	2.2	-4.14 U	1.88 U	1.93	1.18 U	1.41 U
Radium-226	pCi/g	0.023	**8.6 J+**	**1.11 J+**	**1.04 J+**	**1.51**	**19.7**	**1 J+**	**0.931 J+**	**0.929 J+**	**1.41**	**1.27**	**1.17**	**1.02**
Radium-228	pCi/g	0.041	**1.95 J+**	**1.39 J+**	**1.09 J+**	**1**	**1.13**	**1.51**	**1.03**	**1**	**0.991**	**0.995**	**1.08**	**1.09**
Thallium-208	pCi/g		0.989	0.639	0.53	0.591	0.822	0.656	0.623	0.568	0.555	0.583	0.464	0.518
Thorium	pCi/g		2.2 J+	1.48 J+	1.61 J+	1.68	1.18	1.66	1.55	1.66	1.51	1.68	1.8	1.62
Thorium-227	pCi/g		2.86 U	0.462 U	1.91 U	0.0645 U	-2.12 U	-0.816 U	0.0674 U	0.0872 U	0.119 U	-0.0267 U	0.457 U	-0.444 U
Thorium-228	pCi/g	0.025	**2.36 J+**	**1.84 J+**	**1.75 J+**	**1.68**	**1.13**	**1.63**	**1.8**	**1.64**	**1.47**	**1.78**	**1.7**	**1.78**
Thorium-230	pCi/g	8.3	**14.5 J+**	1.09 J+	1.17 J+	1.23	3.76	1.01 J+	1.17 J+	1.18 J+	1.01 J+	1.07 J+	1.45 J+	1 J+
Thorium-234	pCi/g		5.27	2.05 U	2.43 U	1.5 U	3.4 U	0.914 U	1.91 U	0.67 U	0.675 U	0.554 U	1.3	0.741 U
Uranium-234	pCi/g	110	15.9	1.13	0.957	1.22	3.96	0.777 J+	1.05 J+	1.11 J+	0.862 J+	0.757 J+	0.92 J+	0.657 J+
Uranium-235	pCi/g	0.35	**0.633**	0.059	0.13	0.0363 U	0.192	0.043	0.0592	0.0368	0.036 U	0.0222 U	-0.00291 U	0.0397 U
Uranium-238	pci/g	1.4	**15.1**	1.26	0.972	1.1 J	**3.54 J**	1.01	1.01	0.992	0.87	0.591	0.995	0.762

Notes:
-- = Sample not analyzed for this compound
* LCS or LCSD exceeds the control limits
+/- = suspected high or low bias
D = data reported from secondary dilution
J = estimated concentration
R = data rejected (qualifier may be used in con
U = analyte not detected above referenced lab
UJ = analyte not detected above referenced la
reporting limit may be inaccruate or impre
blue shading = analyte concentration exceeds
comparison level for Industrial Outdoor Worker
orange shading = analyte concentration exceed
LBCL DAF20 comparison level

Table 3-4. Soil Summary - VOCs
Area 8 Soils
TIMET
Henderson, Nevada

				Site Area	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8
				PSA (if applicable)	Drainage Ditches	Drainage Ditches	None	None	None	None	None	None
				Location	Alpha Line	Alpha Line	NE-B-6	NE-B-6	NE-B-6	NE-B-7	NE-B-7	NE-B-7
				Sample Name	AL-1	AL-2	NE-B-6 0-0.5	NE-B-6 10.0-11.5	NE-B-6 5.0-6.5	NE-B-7 0-0.5	NE-B-7 10.0-11.5	NE-B-7 5.0-6.5
				Start Depth	5	2	0	10	5	0	10	5
				End Depth	5.5	2.5	0.5	11.5	6.5	0.5	11.5	6.5
				Depth Units	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	7/30/2014	7/30/2014	3/20/2014	3/20/2014	3/20/2014	3/20/2014	3/20/2014	3/20/2014
				Parent Sample								
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL	NDEP LBCL DAF1	NDEP LBCL DAF20								
1,1,1,2-Tetrachloroethane	mg/Kg	20.3			0.00044 U	0.00056 U	0.00033 U	0.00043 U	0.00038 U	0.00037 U	0.00035 R	0.00037 U
1,1,1-Trichloroethane	mg/Kg	1390	0.10	2	0.00054 U	0.00069 U	0.0004 U	0.00053 U	0.00047 U	0.00045 U	0.00042 R	0.00045 U
1,1,2,2-Tetrachloroethane	mg/Kg	2.59	0.0002	0.004	0.00051 U	0.00064 U	0.00038 U	0.00049 U	0.00044 U	0.00042 UJ	0.00039 R	0.00042 U
1,1,2-Trichloroethane	mg/Kg	5.8	0.0009	0.018	0.00072 U	0.00092 U	0.00054 U	0.0007 U	0.00062 U	0.0006 U	0.00056 R	0.0006 U
1,1-Dichloroethane	mg/Kg	23.3	1.00	20	0.00049 U	0.00063 U	0.00037 U	0.00048 U	0.00043 U	0.00041 U	0.00038 R	0.00041 U
1,1-Dichloroethene	mg/Kg	1400	0.003	0.06	0.002 U	0.0026 U	0.0015 U	0.002 U	0.0018 U	0.0017 U	0.0016 R	0.0017 U
1,1-Dichloropropene	mg/Kg				0.00038 U	0.00048 U	0.00028 U	0.00037 U	0.00033 U	0.00032 U	0.0003 R	0.00032 U
1,2,3-Trichlorobenzene	mg/Kg				0.00056 U	0.00071 U	0.00041 U	0.00054 U	0.00048 U	0.00046 UJ	0.00043 R	0.00046 U
1,2,3-Trichloropropane	mg/Kg	0.11			0.00071 U	0.0009 U	0.00053 U	0.00069 U	0.00061 U	0.00059 UJ	0.00055 R	0.00059 U
1,2,4-Trichlorobenzene	mg/Kg	110	0.30	6	0.00054 U	0.00069 U	0.0004 U	0.00053 U	0.00047 U	0.00045 UJ	0.00042 R	0.00045 U
1,2,4-Trimethylbenzene	mg/Kg	671			0.00076 U	0.00097 U	0.00056 U	0.00074 U	0.00065 U	0.00063 UJ	0.00059 R	0.00063 U
1,2-Dichlorobenzene	mg/Kg	373	0.90	18	0.00035 U	0.00045 U	0.00026 U	0.00034 U	0.00031 U	0.00029 UJ	0.00028 R	0.00029 U
1,2-Dichloroethane	mg/Kg	2.41	0.001	0.02	0.0011 U	0.0014 U	0.00082 U	0.0011 U	0.00095 U	0.00092 U	0.00086 R	0.00091 U
1,2-Dichloropropane	mg/Kg	4.54	0.001	0.02	0.00048 U	0.00061 U	0.00036 U	0.00047 U	0.00041 U	0.0004 U	0.00037 R	0.0004 U
1,3,5-Trimethylbenzene	mg/Kg	254			0.00039 U	0.0005 U	0.00029 U	0.00038 U	0.00034 U	0.00033 UJ	0.00031 R	0.00033 U
1,3-Dichlorobenzene	mg/Kg	373			0.00035 U	0.00045 U	0.00026 U	0.00034 U	0.00031 U	0.00029 UJ	0.00028 R	0.00029 U
1,3-Dichloropropane	mg/Kg	71.6	0.001	0.02	0.0004 U	0.00052 U	0.0003 U	0.00039 U	0.00035 U	0.00034 U	0.00032 R	0.00034 U
1,4-Dichlorobenzene	mg/Kg	14.3	0.1	2	0.00076 U	0.00097 U	0.00056 U	0.00074 U	0.00065 U	0.00063 UJ	0.00059 R	0.00063 U
2,2-Dichloropropane	mg/Kg				0.00068 U	0.00087 U	0.00051 U	0.00066 U	0.00059 U	0.00057 U	0.00053 R	0.00057 U
2-Chlorotoluene (o-Chlorotoluene)	mg/Kg	511			0.00043 U	0.00055 U	0.00032 U	0.00042 U	0.00037 U	0.00036 UJ	0.00034 R	0.00036 U
2-Hexanone	mg/Kg	2150			0.0022 U	0.0029 U	0.0047 J	0.0022 U	0.0019 U	0.0019 U	0.0017 R	0.0019 U
4-Chlorotoluene (p-Chlorotoluene)	mg/Kg				0.00048 U	0.00061 U	0.00036 U	0.00047 U	0.00041 U	0.0004 UJ	0.00037 R	0.0004 U
4-Isopropyltoluene	mg/Kg	647			0.0004 U	0.00052 U	0.0003 U	0.00039 U	0.00035 U	0.00034 UJ	0.00032 R	0.00034 U
4-Methyl-2-pentanone (MIBK)	mg/Kg	17200			0.00092 U	0.0012 U	0.00069 U	0.0009 U	0.0008 U	0.00077 U	0.00072 R	0.00077 U
Acetone	mg/Kg	100000	0.80	16	0.086	0.15	0.067 J+	0.029 J+	0.049 J+	0.079 J+	0.0064 R	0.028 J+
Acetonitrile	mg/Kg	6840			0.026 R	0.033 R	0.019 R	0.025 R	0.022 R	0.021 R	0.02 R	0.021 R
Benzene	mg/Kg	4.5	0.002	0.04	0.00032 U	0.0013 J	0.00024 U	0.00031 U	0.0021 J	0.00091 J	0.00025 R	0.00026 U
Bromobenzene	mg/Kg	695			0.00047 U	0.0006 U	0.00035 U	0.00046 U	0.0004 U	0.00039 UJ	0.00036 R	0.00039 U
Bromochloromethane	mg/Kg				0.001 U	0.0013 U	0.00077 U	0.001 U	0.00089 U	0.00086 U	0.00081 R	0.00086 U
Bromodichloromethane	mg/Kg	3.6	0.03	0.6	0.00032 U	0.0004 U	0.00024 U	0.00031 U	0.00027 U	0.00026 U	0.00025 R	0.00026 U
Bromoform	mg/Kg	242	0.04	0.8	0.00047 U	0.0006 U	0.00035 U	0.00046 U	0.0004 U	0.00039 UJ	0.00036 R	0.00039 U
Bromomethane	mg/Kg	42.9	0.01	0.2	0.0014 U	0.0018 U	0.001 UJ	0.0014 UJ	0.0012 UJ	0.0012 UJ	0.0011 R	0.0012 UJ
Carbon disulfide	mg/Kg	721	2	40	0.00087 U	0.0011 U	0.00065 U	0.00085 U	0.00075 U	0.00073 U	0.00068 R	0.00073 U
Carbon tetrachloride	mg/Kg	4.07	0.003	0.06	0.00064 U	0.00082 U	0.00048 U	0.00063 U	0.00056 U	0.00054 U	0.0005 R	0.00054 U
Chlorobenzene	mg/Kg	695	0.07	1.4	0.00048 U	0.00061 U	0.00036 U	0.00047 U	0.00041 U	0.0004 U	0.00037 R	0.0004 U
Chloroethane	mg/Kg	1100			0.00066 U	0.00084 U	0.00049 U	0.00064 U	0.00057 U	0.00055 U	0.00051 R	0.00055 U
Chloroform	mg/Kg	1.71	0.03	0.6	0.0018 J	0.00076 J	0.00036 U	0.00047 U	0.00041 U	0.0004 U	0.00037 R	0.0004 U
Chloromethane	mg/Kg	8.95			0.00082 U	0.001 U	0.00061 U	0.0008 U	0.00071 U	0.00068 U	0.00064 R	0.00068 U
cis-1,2-Dichloroethene	mg/Kg	791	0.02	0.4	0.00076 U	0.00097 U	0.00056 U	0.00074 U	0.00065 U	0.00063 U	0.00059 R	0.00063 U
cis-1,3-Dichloropropene	mg/Kg				0.00076 U	0.00097 U	0.00056 U	0.00074 U	0.00065 U	0.00063 U	0.00059 R	0.00063 U
Dibromochloromethane	mg/Kg	6.15	0.02	0.4	0.00052 U	0.00066 U	0.00039 U	0.0005 U	0.00045 U	0.00043 U	0.0004 R	0.00043 U
Dibromomethane	mg/Kg	210			0.0012 U	0.0016 U	0.00091 U	0.0012 U	0.0011 U	0.001 U	0.00096 R	0.001 U
Dichlorodifluoromethane (Freon 12)	mg/Kg	340			0.0017 U	0.0021 U	0.0012 U	0.0016 U	0.0014 U	0.0014 U	0.0013 R	0.0014 U
Ethanol	mg/Kg	100000			0.078 R	0.099 R	0.058 R	0.076 R	0.067 R	0.065 R	0.061 R	0.064 R
Ethylbenzene	mg/Kg	21	0.7	14	0.00038 U	0.00048 U	0.00028 U	0.00037 U	0.00033 U	0.00032 U	0.0003 R	0.00032 U
Iodomethane	mg/Kg	1680			0.0019 U	0.0024 U	0.0014 U	0.0019 U	0.0016 U	0.0016 U	0.0015 R	0.0016 U
Isopropyl benzene	mg/Kg	647			0.00033 U	0.00042 U	0.00024 U	0.00032 U	0.00028 U	0.00027 UJ	0.00026 R	0.00027 U
m/p-Xylene	mg/Kg				0.00072 U	0.00092 U	0.00054 U	0.0007 U	0.00062 U	0.0006 U	0.00056 R	0.0006 U
Methyl ethyl ketone (2-Butanone)	mg/Kg	34100			0.017 J	0.021 J	0.016 J	0.0024 U	0.0095 J	0.013 J	0.0019 R	0.002 U

Table 3-4. Soil Summary - VOCs
Area 8 Soils
TIMET
Henderson, Nevada

				Site Area	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8
				PSA (if applicable)	Drainage Ditches	Drainage Ditches	None	None	None	None	None	None
				Location	Alpha Line	Alpha Line	NE-B-6	NE-B-6	NE-B-6	NE-B-7	NE-B-7	NE-B-7
				Sample Name	AL-1	AL-2	NE-B-6 0-0.5	NE-B-6 10.0-11.5	NE-B-6 5.0-6.5	NE-B-7 0-0.5	NE-B-7 10.0-11.5	NE-B-7 5.0-6.5
				Start Depth	5	2	0	10	5	0	10	5
				End Depth	5.5	2.5	0.5	11.5	6.5	0.5	11.5	6.5
				Depth Units	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	7/30/2014	7/30/2014	3/20/2014	3/20/2014	3/20/2014	3/20/2014	3/20/2014	3/20/2014
				Parent Sample								
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL	NDEP LBCL DAF1	NDEP LBCL DAF20								
Methyl tert-butyl ether (MTBE)	mg/Kg	216			0.00061 U	0.00077 U	0.00045 U	0.00059 U	0.00052 U	0.00051 U	0.00047 R	0.0005 U
Methylene chloride	mg/Kg	60.4	0.001	0.02	0.002 U	0.0025 U	0.0015 U	0.0019 U	0.0017 U	0.0017 U	0.0016 R	0.0017 U
Naphthalene	mg/Kg	17.4	4	80	0.00062 U	0.00079 U	0.0044 J	0.0006 U	0.00053 U	0.00052 UJ	0.00048 R	0.00051 U
n-Butylbenzene	mg/Kg	237			0.00076 U	0.00097 U	0.00056 U	0.00074 U	0.00065 U	0.00063 UJ	0.00059 R	0.00063 U
n-Propylbenzene	mg/Kg	237			0.0004 U	0.00052 U	0.0003 U	0.00039 U	0.00035 U	0.00034 UJ	0.00032 R	0.00034 U
o-Xylene	mg/Kg	282	9	180	0.00043 U	0.00055 U	0.00032 U	0.00042 U	0.00037 U	0.00036 U	0.00034 R	0.00036 U
sec-Butylbenzene	mg/Kg	223			0.00039 U	0.0005 U	0.00029 U	0.00038 U	0.00034 U	0.00033 UJ	0.00031 R	0.00033 U
Styrene	mg/Kg	1730	0.2	4	0.00044 U	0.00056 U	0.00033 U	0.00043 U	0.00038 U	0.00037 U	0.00035 R	0.00037 U
tert-Butylbenzene	mg/Kg	393			0.00039 U	0.0005 U	0.00029 U	0.00038 U	0.00034 U	0.00033 UJ	0.00031 R	0.00033 U
Tetrachloroethene (PCE)	mg/Kg	3.28	0.003	0.06	0.0004 U	0.0047 J	0.0003 U	0.00039 U	0.00035 U	0.00034 U	0.00032 R	0.00034 U
Toluene	mg/Kg	521	0.6	12	0.00089 U	0.0011 U	0.00066 U	0.00086 U	0.00076 U	0.00074 J	0.00069 R	0.00074 U
Total Xylene	mg/Kg	214	10	200	0.0011 U	0.0014 U	0.0008 U	0.001 U	0.00093 U	0.00089 U	0.00084 R	0.00089 U
trans-1,2-Dichloroethene	mg/Kg	600	0.03	0.6	0.0012 U	0.0015 U	0.00088 U	0.0012 U	0.001 U	0.00099 U	0.00093 R	0.00099 U
trans-1,3-Dichloropropene	mg/Kg				0.00044 U	0.00056 U	0.00033 U	0.00043 U	0.00038 U	0.00037 U	0.00035 R	0.00037 U
Trichloroethene (TCE)	mg/Kg	5.49	0.003	0.06	0.00049 U	0.00063 U	0.00037 U	0.00048 U	0.00043 U	0.00041 U	0.00038 R	0.00041 U
Trichlorofluoromethane (Freon 11)	mg/Kg	1980			0.00063 U	0.00081 U	0.00047 U	0.00062 U	0.00055 U	0.00053 U	0.00049 R	0.00053 U
Vinyl acetate	mg/Kg	2710	8	160	0.00099 UJ	0.0013 UJ	0.00073 U	0.00096 U	0.00085 U	0.00082 U	0.00077 R	0.00082 U
Vinyl chloride	mg/Kg	1.86	0.0007	0.014	0.00054 U	0.00069 U	0.0004 U	0.00053 U	0.00047 U	0.00045 U	0.00042 R	0.00045 U

Notes:
-- = Sample not analyzed for this compound
* LCS or LCSD exceeds the control limits
+/- = suspected high or low bias
D = data reported from secondary dilution
J = estimated concentration
R = data rejected (qualifier may be used in conjunction with other qualifier)
U = analyte not detected above referenced laboratory limit
UJ = analyte not detected above referenced laboratory limit;
reporting limit may be inaccruate or imprecise

Table 3-5. Soil Summary - PAHs
Area 5 and Area 8 Soils
TIMET
Henderson, Nevada

				Site Area	Area 5	Area 5	Area 5	Area 8	Area 8	Area 8	Area 8	Area 8
				PSA (If Applicable)	FrancyMtn	FrancyMtn	FrancyMtn	PSA-35	None	None	None	None
				Location	FM-SS-2	FM-SS-2	FM-SS-3	NE-B-3	NE-B-6	NE-B-6	NE-B-7	NE-B-7
				Sample Name	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	NE-B-3_SS	NE-B-6 0-0.5	NE-B-6 5.0-6.5	NE-B-7 0-0.5	NE-B-7 5.0-6.5
				Start Depth	0	0	0	0	0	5	0	5
				End Depth	0.5	0.5	0.5	0.5	0.5	6.5	0.5	6.5
				Depth Units	ft	ft	ft	ft	ft	ft	ft	ft
				Sample Date	11/20/2013	11/20/2013	11/20/2013	11/22/2013	3/20/2014	3/20/2014	3/20/2014	3/20/2014
				Parent Sample		FM-SS-2_SS_11/20/13						
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL	NDEP LBCL DAF1	NDEP LBCL DAF20								
Acenaphthene	mg/Kg	2560	29	580	0.034 U	0.034 U	0.034 U	0.036 U	0.035 U	0.035 U	0.035 U	0.036 U
Acenaphthylene	mg/Kg	147			0.034 U	0.034 U	0.034 U	0.036 U	0.035 U	0.035 U	0.035 U	0.036 U
Anthracene	mg/Kg	9920	590	11800	0.034 U	0.034 U	0.034 U	0.036 U	0.46	0.035 U	0.035 U	0.036 U
Benzo(a)anthracene	mg/Kg	2.34	0.08	1.6	0.034 U	0.034 U	0.034 U	0.036 U	1.3	0.035 U	0.035 U	0.036 U
Benzo(a)pyrene	mg/Kg	0.23	0.4	8	0.034 UJ	0.034 U	0.034 U	0.036 U	**0.68**	0.035 U	0.035 U	0.036 U
Benzo(b)fluoranthene	mg/Kg	2.34	0.2	4	0.034 UJ	0.034 U	0.034 U	0.036 U	1.6	0.035 U	0.035 U	0.036 U
Benzo(g,h,i)perylene	mg/Kg	34100			0.034 UJ	0.034 U	0.034 U	0.036 U	0.28 J	0.035 U	0.035 U	0.036 U
Benzo(k)fluoranthene	mg/Kg	23.4	2	40	0.034 UJ	0.034 U	0.034 U	0.036 U	0.67	0.035 U	0.035 U	0.036 U
Chrysene	mg/Kg	234	8	160	0.034 U	0.034 U	0.034 U	0.036 U	2.1	0.035 U	0.035 U	0.036 U
Dibenz(a,h)anthracene	mg/Kg	0.23	.08	1.6	0.034 UJ	0.034 U	0.034 U	0.036 U	0.035 U	0.035 U	0.035 U	0.036 U
Fluoranthene	mg/Kg	24400	210	4200	0.034 U	0.034 U	0.034 U	0.036 U	3.9	0.035 U	0.035 U	0.036 U
Fluorene	mg/Kg	3670	28	560	0.034 U	0.034 U	0.034 U	0.036 U	0.035 U	0.035 U	0.035 U	0.036 U
Indeno(1,2,3-cd)pyrene	mg/Kg	2.34	0.7	14	0.034 UJ	0.034 U	0.034 U	0.036 U	0.32 J	0.035 U	0.035 U	0.036 U
Naphthalene	mg/Kg	17.4	4	80	0.034 U	0.034 U	0.034 U	0.036 U	0.035 U	0.035 U	0.035 U	0.036 U
Phenanthrene	mg/Kg	24.5			0.034 U	0.034 U	0.034 U	0.036 U	2.6	0.035 U	0.035 U	0.036 U
Pyrene	mg/Kg	19300	210	4200	0.034 U	0.034 U	0.034 U	0.036 U	3.3	0.035 U	0.035 U	0.036 U

Notes:
-- = Sample not analyzed for this compound
* LCS or LCSD exceeds the control limits
+/- = suspected high or low bias
D = data reported from secondary dilution
J = estimated concentration
R = data rejected (qualifier may be used in conjunction with other qualifier)
U = analyte not detected above referenced laboratory limit
UJ = analyte not detected above referenced laboratory limit;
reporting limit may be inaccruate or imprecise
blue shading = analyte concentration exceeds
comparison level for Industrial Outdoor Worker BCL

Table 3-6. Soil Summary - SVOCs
Analytical Results for Area 8 Soil Samples Collected During Alpha Line Repair
TIMET
Henderson, Nevada

				Site Area	Area 8	Area 8
				Location	Alpha Line	Alpha Line
				Sample Name	AL-1	AL-2
				Start Depth (Below Pre-Existing Grade)	5	2
				Start Depth (Below Pre-Existing Grade)	5.5	2.5
				Depth Units	ft	ft
				Sample Date	7/30/2014	7/30/2014
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL	NDEP LBCL DAF1	NDEP LBCL DAF20		
1,2,4,5-Tetrachlorobenzene	mg/Kg	205			0.059 U	0.049 U
1,4-Dioxane	mg/Kg	19.2			0.079 U	0.066 U
2,4,5-Trichlorophenol	mg/Kg	68400	14	280	0.012 U	0.01 U
2,4,6-Trichlorophenol	mg/Kg	174	0.008	0.16	0.012 U	0.01 U
2,4-Dichlorophenol	mg/Kg	2050	0.05	1	0.012 U	0.01 U
2,4-Dimethylphenol	mg/Kg	13700	0.4	8	0.079 U	0.066 U
2,4-Dinitrophenol	mg/Kg	1370	.01	0.2	0.4 U	0.33 U
2,4-Dinitrotoluene	mg/Kg	6.18	0.00004	0.0008	0.079 U	0.066 U
2,6-Dinitrotoluene	mg/Kg	684	0.00003	0.0006	0.034 U	0.028 U
2-Chloronaphthalene	mg/Kg	389			0.012 U	0.01 U
2-Chlorophenol	mg/Kg	1670	0.2	4	0.025 U	0.021 U
2-Methylnaphthalene	mg/Kg				0.023 U	0.019 U
2-Nitroaniline	mg/Kg	2050			0.06 U	0.05 U
2-Nitrophenol	mg/Kg				0.012 U	0.01 U
3,3-Dichlorobenzidine	mg/Kg	4.26	0.0003	0.006	0.11 U	0.09 U
3,4-Methylphenol (m,p-Cresol)	mg/Kg	3420			0.04 U	0.033 U
3-Nitroaniline	mg/Kg				0.088 U	0.073 U
4-Bromophenyl phenyl ether	mg/Kg				0.023 U	0.019 U
4-Chloro-3-methylphenol	mg/Kg				0.079 U	0.066 U
4-Chloroaniline	mg/Kg	9.58	0.03	0.6	0.099 U	0.082 U
4-Chlorophenyl phenyl ether	mg/Kg				0.025 U	0.021 U
4-Nitroaniline	mg/Kg				0.087 U	0.072 U
4-Nitrophenol	mg/Kg	5470			0.12 U	0.097 U
Acenaphthene	mg/Kg	2560	29	580	0.012 U	0.01 U
Acenaphthylene	mg/Kg	147			0.02 U	0.017 U
Acetophenone	mg/Kg	1740			0.024 U	0.02 U
Aniline	mg/Kg	336			0.16 U	0.13 U
Anthracene	mg/Kg	9920	590	11800	0.02 U	0.017 U
Azobenzene	mg/Kg	15.9			0.026 U	0.022 U
Benzo(a)anthracene	mg/Kg	2.34	0.08	1.6	0.024 U	0.02 U
Benzo(a)pyrene	mg/Kg	0.23	0.4	8	0.024 U	0.02 U
Benzo(b)fluoranthene	mg/Kg	2.34	0.2	4	0.032 U	0.026 U
Benzo(g,h,i)perylene	mg/Kg	34100			0.019 U	0.016 U
Benzo(k)fluoranthene	mg/Kg	23.4	2	40	0.048 U	0.04 U
Benzoic acid	mg/Kg	100000	20	400	0.4 U	0.33 U
Benzyl alcohol	mg/Kg	100000			0.38 J	0.21 J
Bis(2-chloroethoxy)methane	mg/Kg				0.028 U	0.023 U
Bis(2-chloroethyl)ether	mg/Kg	1.3	0.00002	0.0004	0.02 U	0.017 U
Bis(2-ethylhexyl)phthalate	mg/Kg	137	180	3600	0.15 J	0.15 J
Bis(chloroisopropyl)ether	mg/Kg	18			0.028 U	0.023 U

Table 3-6. Soil Summary - SVOCs
Analytical Results for Area 8 Soil Samples Collected During Alpha Line Repair
TIMET
Henderson, Nevada

				Site Area	**Area 8**	**Area 8**
				Location	**Alpha Line**	**Alpha Line**
				Sample Name	**AL-1**	**AL-2**
				Start Depth (Below Pre-Existing Grade)	**5**	**2**
				Start Depth (Below Pre-Existing Grade)	**5.5**	**2.5**
				Depth Units	**ft**	**ft**
				Sample Date	**7/30/2014**	**7/30/2014**
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL	NDEP LBCL DAF1	NDEP LBCL DAF20		
Butyl benzyl phthalate	mg/Kg	240	810	16200	0.052 U	0.043 U
Carbazole	mg/Kg	95.8	0.03	0.6	0.043 U	0.036 U
Chrysene	mg/Kg	234	8	160	0.033 U	0.027 U
Dibenz(a,h)anthracene	mg/Kg	0.23	0.08	1.6	0.023 U	0.019 U
Dibenzofuran	mg/Kg	2270			0.024 U	0.02 U
Diethyl phthalate	mg/Kg	100000			0.031 U	0.026 U
Dimethyl phthalate	mg/Kg	100000			0.028 U	0.032 J
Di-n-butyl phthalate	mg/Kg	68400	270	5400	0.035 U	0.029 U
Di-n-octyl phthalate	mg/Kg				0.017 U	0.014 U
Fluoranthene	mg/Kg	24400	210	4200	0.043 U	0.036 U
Fluorene	mg/Kg	3670	28	560	0.022 U	0.018 U
Hexachlorobenzene	mg/Kg	**1.2**	0.1	**2**	0.035 U	0.029 U
Hexachlorobutadiene	mg/Kg	24.6	0.1	2	0.012 U	0.01 U
Hexachlorocyclopentadiene	mg/Kg	4090	20	400	0.06 U	0.05 U
Hexachloroethane	mg/Kg	137	0.02	0.4	0.026 U	0.021 U
Indeno(1,2,3-cd)pyrene	mg/Kg	2.34	0.7	14	0.026 U	0.022 U
Isophorone	mg/Kg	2020	0.03	0.6	0.02 U	0.017 U
Naphthalene	mg/Kg	17.4	4	80	0.037 U	0.031 U
Nitrobenzene	mg/Kg	15.1	0.007	0.14	0.026 U	0.022 U
N-Nitrosodi-n-propylamine (NDPA)	mg/Kg	0.27	2E-06	4E-05	0.037 U	0.031 U
N-Nitrosodiphenylamine (NDFA)	mg/Kg	391	0.06	1.2	0.025 U	0.021 U
Pentachlorobenzene	mg/Kg	547			0.078 U	0.065 U
Pentachlorophenol	mg/Kg	3	0.001	0.02	0.4 U	0.33 U
Phenanthrene	mg/Kg	24.5			0.02 U	0.017 U
Phenol	mg/Kg	100000	5	100	0.022 U	0.018 U
Pyrene	mg/Kg	19300	210	4200	0.015 U	0.016 J

Notes:
J = estimated concentration
U = analyte not detected above referenced laboratory limit
orange shading = analyte concentration exceeds
LBCL DAF20 comparison level
blue shading = analyte concentration exceeds
comparison level for Industrial Outdoor Worker BCL

Table 3-7. Soil Summary - PCBs
Soil Samples-Areas 5 and 8
TIMET
Henderson, Nevada

		Site Area	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 8
		PSA (If Applicable)	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	Drainage Ditches
		Location	DD-B-4	DD-B-5	DD-B-6	DD-B-7	DD-B-8	DD-B-9	FM-SS-1	FM-SS-1	FM-SS-2	FM-SS-2	FM-SS-3	FM-SS-4	Alpha Line
		Sample Name	DD-B-4_SS	DD-B-5_SS	DD-B-6_SS	DD-B-7_SS	DD-B-8_SS	DD-B-9_SS	FM-SS-1_SS	FM-SS-1_SS DUP	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	FM-SS-4_SS	AL-1
		Start Depth	0	0	0	0	0	0	0	0	0	0	0	0	5
		End Depth	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/2/2013	11/13/2013	12/3/2013	12/6/2013	12/4/2013	12/3/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	7/30/2014
		Parent Sample								FM-SS-1_SS_11/20/13		FM-SS-2_SS_11/20/13			
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL													
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (PCB 206)	mg/Kg		0.0045	0.00081	0.00036 J	0.0019	0.00036 J	0.00041 J	0.00054 J+	0.00067	0.0002 J	0.00033 J	0.0022	0.0011	0.003
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (PCB 194)	mg/Kg		0.012	0.0012	0.00022 J	0.002	0.00029 J	0.00096	0.00016	0.00019	4.9E-05 J	7.1E-05 J	0.00043 J	0.00031	0.0069
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (PCB 207)	mg/Kg		0.0033	0.0011	0.00034 J	0.0022	0.00042	0.00045	0.00017	0.00021	0.00021 J	0.00037 J	0.00081	0.00048	0.00066 J
2,2',3,3',4,4',5,6-Octachlorobiphenyl (PCB 195)	mg/Kg		0.0041	0.00039	5.8E-05 J	0.00065	0.00011 J	0.00031 J	2.1E-05 J	2.6E-05 J	5.6E-06 U	9.9E-06 U	0.00011 J	4.8E-05	0.0026
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (PCB 196)	mg/Kg		0.0057	0.00052	0.00013 J	0.00099	0.00018 J	0.00046	5E-05	5.9E-05	2.6E-05 J	3.7E-05 J	0.00015 J	0.00013	0.0036
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	mg/Kg		0.036	0.0024	0.0004 J	0.0047 J	0.00069 J+	0.0024	0.00015	0.00017	6.8E-05 J	0.00012 J	0.00033 J	0.00031	0.036
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (PCB 197)	mg/Kg		0.00073	0.00012	4.1E-05 J	0.00028	6.8E-05 J	8.6E-05 J	1.7E-05 J	2.2E-05 J	2.3E-05 J	4.3E-05 J	4.9E-05 J	4.9E-05	0.00019 J
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (PCB 208)	mg/Kg		0.0027	0.00087	0.0003 J	0.0017	0.00031 J	0.00032 J	0.00028	0.00034	0.0002 J	0.00033 J	0.0012	0.00064	0.001 J
2,2',3,3',4,5,5'-Heptachlorobiphenyl (PCB 172)	mg/Kg		0.0051	0.00041	3.8E-05 J	0.00076	9E-05 J	0.00036 J	3E-05 J	3E-05 J	5.7E-06 U	2E-05 J	9.4E-05 J	8.2E-05	0.0047
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (PCB 200)	mg/Kg		0.0012	0.00012	2.4E-05 J	0.00018	2.6E-05 J	6.4E-05 J	2.1E-05 J	2.9E-05 J	8.4E-06 J	1.6E-05 J	0.00017 J	6.8E-05	0.00083 J
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (PCB 201)	mg/Kg		0.0013	0.00019	5.9E-05 J	0.00035	7.9E-05 J	0.00011 J	2.3E-05 J	2.8E-05 J	2.5E-05 J	4.1E-05 J	9.3E-05 J	6.7E-05	0.00076 J
2,2',3,3',4,5,6'-Heptachlorobiphenyl (PCB 174)	mg/Kg		0.031	0.002	0.00029 J	0.0039	0.00057 J+	0.002	0.00013	0.00017	7.5E-05 J	0.00012 J	0.00045 J	0.00031	0.031
2,2',3,3',4,5',6-Heptachlorobiphenyl (PCB 175)	mg/Kg		0.0011	6.8E-05	1.2E-05 U	0.00014	3.3E-05 J	6.8E-05 J	8.7E-06 J	1.2E-05 J	7E-06 U	1.2E-05 U	3.2E-05 J	2.9E-05 J	0.001 J
2,2',3,3',4,5',6'-Heptachlorobiphenyl (PCB 177)	mg/Kg		0.018	0.0011	0.00019 J	0.0023	0.00035 J	0.0011	6.2E-05	7.7E-05	2.8E-05 J	4.6E-05 J	0.00018 J	0.00014	0.017
2,2',3,3',4,5'-Hexachlorobiphenyl (PCB 130)	mg/Kg		0.007 J+	0.0003	6E-05 J	0.00061	9.5E-05 J	0.00032 J	3E-05 J	3.6E-05 J	1.6E-05 J	1.9E-05 J	9.9E-05 J	9.5E-05	0.021 J+
2,2',3,3',4,6,6'-Heptachlorobiphenyl (PCB 176)	mg/Kg		0.0028	0.00013	1.7E-05 J	0.00028	3.5E-05 J	0.00015 J	1.1E-05 J	1.4E-05 J	1E-05 J	1.4E-05 J	4.5E-05 J	3.3E-05 J	0.0029
2,2',3,3',4,6-Hexachlorobiphenyl (PCB 131)	mg/Kg		0.0014 UJ+	2.5E-05 J	2.7E-05 U	8E-05	2.1E-05 U	5.4E-05 J	4.8E-06 J	5.1E-06 J	1E-05 U	1.4E-05 U	3.3E-05 J	1.9E-05 J	0.005 J+
2,2',3,3',4,6'-Hexachlorobiphenyl (PCB 132)	mg/Kg		0.036 J+	0.0011	0.0003 J	0.0027	0.0004 J	0.0018	0.0001	0.00012	8.4E-05 J	0.00012 J	0.00036 J	0.00037	0.13 J
2,2',3,3',4-Pentachlorobiphenyl (PCB 82)	mg/Kg		0.0057 J+	0.00021 J+	9.4E-05 J	0.00092 J+	0.00014 J	0.00044	3.5E-05 J	3.9E-05 J	2.7E-05 J	2.7E-05 J	0.00013 J	0.00015	0.052 J+
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (PCB 202)	mg/Kg		0.0016	0.0002	6.1E-05 J	0.00034	5.8E-05 J	0.00012 J	7.3E-05	9.1E-05	2.6E-05 J	3.9E-05 J	0.00026 J	0.00015	0.0011 J
2,2',3,3',5,5',6-Heptachlorobiphenyl (PCB 178)	mg/Kg		0.0046	0.00026	4.6E-05 J	0.00059	8.4E-05 J	0.00029 J	2.4E-05 J	3.1E-05 J	1.1E-05 J	2.3E-05 J	0.0001 J	6.6E-05	0.0038
2,2',3,3',5,5'-Hexachlorobiphenyl (PCB 133)	mg/Kg		0.0014 UJ+	4.6E-05	2.5E-05 U	0.0001	2E-05 U	5.5E-05 J	6.6E-06 J	7.7E-06 J	9.5E-06 U	1.3E-05 U	4.9E-05 J	2.2E-05 J	0.0024 J+
2,2',3,3',5,6,6'-Heptachlorobiphenyl (PCB 179)	mg/Kg		0.0093	0.00045	6.7E-05 J	0.00097	0.00011 J	0.00049	3.4E-05 J	4.3E-05	2.2E-05 J	3.2E-05 J	0.00014 J	9.1E-05	0.0086
2,2',3,3',5-Pentachlorobiphenyl (PCB 83)	mg/Kg		0.0019 J+	5.3E-05 UJ+	3.2E-05 J	0.00021 J+	3.3E-05 J	0.00011 J	9.8E-06 J	1.2E-05 U	1.1E-05 U	2.2E-05 U	5.5E-05 U	3.4E-05 U	0.02 J+
2,2',3,3',6,6'-Hexachlorobiphenyl (PCB 136)	mg/Kg		0.011 J+	0.00028	4.8E-05 J	0.00068	6.9E-05 J	0.00045	2.3E-05 J	2.9E-05 J	2.1E-05 J	2.5E-05 J	0.00011 J	9.6E-05	0.045
2,2',3,3',6-Pentachlorobiphenyl (PCB 84)	mg/Kg		0.0093 J+	0.0003 J+	0.0001 J	0.0013 J+	0.00013 J	0.00076	4.4E-05	5.4E-05	4E-05 J	4.9E-05 J	0.00019 J	0.00013	0.09 J+
2,2',3,4,4',5,5',6-Octachlorobiphenyl (PCB 203)	mg/Kg		0.0071	0.00064	0.00018 J	0.0013	0.0002 J	0.00055	0.00012	0.00016	4.5E-05 J	7.2E-05 J	0.00055 J	0.00031	0.0046
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (PCB 204)	mg/Kg		0.00011 J	3.1E-05 J	6.3E-06 U	5.9E-05	2.9E-05 J	9.3E-06 U	9.1E-06 J	9.1E-06 J	7E-06 J	9E-06 J	4.1E-05 J	3.1E-05 J	2.1E-05 U
2,2',3,4,4',5,6-Heptachlorobiphenyl (PCB 181)	mg/Kg		4.5E-05 U	4.2E-06 U	9.7E-06 U	3.3E-05 J	8.2E-06 U	1.1E-05 U	4.2E-06 J	5.6E-06 J	4.7E-06 U	8.1E-06 U	3.4E-05 J	1E-05 J	0.00053 J
2,2',3,4,4',5,6'-Heptachlorobiphenyl (PCB 182)	mg/Kg		2.1E-05 U	2E-06 U	1.2E-05 U	3.1E-05 J	9E-06 U	1.3E-05 J	4.1E-06 J	4.9E-06 J	6.5E-06 U	1.1E-05 U	1.6E-05 J	1.3E-05 J	0.00021 J
2,2',3,4,4',5',6-Heptachlorobiphenyl (PCB 183)	mg/Kg		0.016	0.001	0.00016 J	0.0019	0.00028 J	0.001	7E-05	8.3E-05	3.8E-05 J	5.5E-05 J	0.0002 J	0.00019	0.013
2,2',3,4,4',5-Hexachlorobiphenyl (PCB 137)	mg/Kg		0.005 J+	0.00016	4.4E-05 J	0.0004	6.4E-05 J	0.0002 J	1.7E-05 J	2E-05 J	1.3E-05 J	1.5E-05 J	6.5E-05 J	7.4E-05	0.015 J+
2,2',3,4,4',6,6'-Heptachlorobiphenyl (PCB 184)	mg/Kg		0.00011 J	2.3E-05 J	9.3E-06 U	4.3E-05 J	1.8E-05 J	1.1E-05 J	5.7E-06 J	7.1E-06 J	5.9E-06 J	8.8E-06 U	2.3E-05 J	2.1E-05 J	2.8E-05 U
2,2',3,4,5,5',6-Heptachlorobiphenyl (PCB 185)	mg/Kg		0.0013	0.00016	2.9E-05 J	0.00036	4.8E-05 J	8.8E-05 J	3.6E-05 J	6.8E-05	1.4E-05 J	3E-05 J	0.00054 J	0.00014 J+	0.0028
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB 187)	mg/Kg		0.031	0.0018	0.00031 J	0.0038	0.00056 J+	0.0019	0.00019	0.00024	9.4E-05 J	0.00014 J	0.0007 J	0.00048	0.023
2,2',3,4,5,5'-Hexachlorobiphenyl (PCB 141)	mg/Kg		0.02 J+	0.00078	0.00016 J	0.0018	0.00024 J	0.0012	9.2E-05	0.00012	5.6E-05 J	7.4E-05 J	0.00048 J	0.00029	0.044 J+
2,2',3,4',5,5'-Hexachlorobiphenyl (PCB 146)	mg/Kg		0.016 J+	0.00061	0.00013 J	0.0014	0.00021 J	0.00075	5.6E-05	6.8E-05	3.7E-05 J	4.4E-05 J	0.00022 J	0.00018	0.028 J+
2,2',3,4,5,6,6'-Heptachlorobiphenyl (PCB 186)	mg/Kg		1.6E-05 U	1.5E-06 U	8.8E-06 U	2.4E-06 U	6.9E-06 U	4.1E-06 U	1.2E-06 J	1.7E-06 J	5E-06 U	8.3E-06 U	9.3E-06 J	4.9E-06 J	2.6E-05 U
2,2',3,4',5,6,6'-Heptachlorobiphenyl (PCB 188)	mg/Kg		6.9E-05 J	2E-05 J	9.6E-06 U	2.9E-05 J	7.1E-06 U	4.5E-06 U	3.6E-06 J	5.3E-06 J	4.4E-06 U	7.7E-06 U	1.3E-05 J	1.2E-05 J	2.6E-05 U
2,2',3,4,5,6-Hexachlorobiphenyl (PCB 142)	mg/Kg		0.0013 UJ+	2.2E-05 U	2.5E-05 U	3.1E-05 U	1.9E-05 U	4.4E-05 U	6.6E-06 J	1E-05 J	9.3E-06 U	1.3E-05 U	9.1E-05 J	2.8E-05 J	0.0018 UJ+
2,2',3,4,5',6-Hexachlorobiphenyl (PCB 144)	mg/Kg		0.0047 J+	0.00014	3.3E-05 J	0.00033	4.2E-05 J	0.00022 J	1.5E-05 J	2E-05 J	1E-05 J	1.2E-05 J	0.0001 J	5.8E-05	0.011 J+
2,2',3,4',5,6'-Hexachlorobiphenyl (PCB 148)	mg/Kg		0.0012 UJ+	2E-05 U	2.2E-05 U	2.8E-05 U	1.7E-05 U	3.9E-05 U	2.4E-06 U	3.6E-06 U	8.3E-06 U	1.1E-05 U	1.7E-05 U	9.9E-06 U	0.0016 UJ+
2,2',3,4,6,6'-Hexachlorobiphenyl (PCB 145)	mg/Kg		0.00086 UJ+	1.4E-05 U	1.6E-05 U	2E-05 U	1.2E-05 U	2.8E-05 U	1.8E-06 U	2.6E-06 U	6E-06 U	8.1E-06 U	1.2E-05 U	7.1E-06 U	0.0012 U
2,2',3,4',6,6'-Hexachlorobiphenyl (PCB 150)	mg/Kg		0.0008 UJ+	1.3E-05 U	1.5E-05 U	1.9E-05 U	1.2E-05 U	2.6E-05 U	1.6E-06 U	2.4E-06 U	5.6E-06 U	7.5E-06 U	1.1E-05 U	6.7E-06 U	0.0011 U
2,2',3,4,6'-Pentachlorobiphenyl (PCB 89)	mg/Kg		0.0012 UJ+	4.2E-05 UJ+	2.4E-05 U	8.8E-05 UJ+	2.3E-05 U	7.6E-05 U	7.2E-06 U	9.7E-06 U	8.9E-06 U	1.7E-05 U	4.4E-05 U	2.7E-05 U	0.0068 UJ+
2,2',3,4-Tetrachlorobiphenyl (PCB 41)	mg/Kg		0.00012 J	2.5E-05 J	1.6E-05 U	0.0008	1E-05 J	1.9E-05 J	3.3E-06 J	4.8E-06 J	6.9E-06 U	1.2E-05 U	2.4E-05 J	1.2E-05 J	0.0001 U
2,2',3,4'-Tetrachlorobiphenyl (PCB 42)	mg/Kg		0.00045	8.7E-05	1.4E-05 U	0.0013	3.3E-05 J	9.2E-05 J	9.4E-06 J	1.2E-05 J	5.9E-06 U	1E-05 U	4.1E-05 J	3.1E-05 J	0.00087 J
2,2',3,5,5'-Pentachlorobiphenyl (PCB 92)	mg/Kg		0.015 J+	0.00027	6.9E-05 J	0.00097 J+	0.0001 J	0.00066	3.8E-05 J	4.7E-05	3.3E-05 J	5.2E-05 J	0.00021 J	0.0002	0.1 J+
2,2',3,5,6,6'-Hexachlorobiphenyl (PCB 152)	mg/Kg		0.00082 UJ+	1.4E-05 U	1.5E-05 U	1.9E-05 U	1.2E-05 U	2.7E-05 U	1.7E-06 U	2.5E-06 U	5.7E-06 U	7.7E-06 U	1.2E-05 U	6.8E-06 U	0.0011 U
2,2',3,5,6'-Pentachlorobiphenyl (PCB 94)	mg/Kg		0.0011 UJ+	3.9E-05 U	2.3E-05 U	8.3E-05 UJ+	2.2E-05 U	7.2E-05 U	6.8E-06 U	9.2E-06 U	8.4E-06 U	1.6E-05 U	4.1E-05 U	2.5E-05 U	0.0065 UJ+
2,2',3,5',6-Pentachlorobiphenyl (PCB 95)	mg/Kg		0.053 J+	0.0011	0.00028 J	0.0038 J+	0.00035 J	0.0026	0.0001	0.00013	0.00013 J	0.00017 J	0.0007 J	0.00048	0.4 J
2,2',3,5-Tetrachlorobiphenyl (PCB 43)	mg/Kg		3.9E-05 U	1.2E-05 J	1.4E-05 U	0.00013	8.5E-06 U	6.6E-06 U	2.3E-06 J	3.1E-06 J	6.1E-06 U	1E-05 U	2E-05 J	1E-05 J	9.2E-05 U
2,2',3,6,6'-Pentachlorobiphenyl (PCB 96)	mg/Kg		0.00011 J	3.9E-06 J	7.3E-06 U	3.6E-05 J	4.9E-06 U	5.6E-06 J	6.5E-07 J	1E-06 J	2.9E-06 U	5E-06 U	3.9E-06 J	4E-06 J	0.001 J
2,2',3,6-Tetrachlorobiphenyl (PCB 45)	mg/Kg		0.00017 J	4.2E-05	1.4E-05 U	0.0007	1.1E-05 J	1.9E-05 J	3.5E-06 J	3.9E-06 J	6E-06 U	1E-05 U	2.7E-05 J	1.1E-05 J	9E-05 U

Table 3-7. Soil Summary - PCBs
Soil Samples-Areas 5 and 8
TIMET
Henderson, Nevada

		Site Area	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 8
		PSA (If Applicable)	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	Drainage Ditches
		Location	DD-B-4	DD-B-5	DD-B-6	DD-B-7	DD-B-8	DD-B-9	FM-SS-1	FM-SS-1	FM-SS-2	FM-SS-2	FM-SS-3	FM-SS-4	Alpha Line
		Sample Name	DD-B-4_SS	DD-B-5_SS	DD-B-6_SS	DD-B-7_SS	DD-B-8_SS	DD-B-9_SS	FM-SS-1_SS	FM-SS-1_SS DUP	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	FM-SS-4_SS	AL-1
		Start Depth	0	0	0	0	0	0	0	0	0	0	0	0	5
		End Depth	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/2/2013	11/13/2013	12/3/2013	12/6/2013	12/4/2013	12/3/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	7/30/2014
		Parent Sample								FM-SS-1_SS_11/20/13		FM-SS-2_SS_11/20/13			
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL													
2,2',3,6'-Tetrachlorobiphenyl (PCB 46)	mg/Kg		7E-05 J	1.6E-05 J	1.5E-05 U	0.00034	8.9E-06 U	6.9E-06 U	7.8E-07 J	1.9E-06 J	6.4E-06 U	1.1E-05 U	7.2E-06 U	5.2E-06 J	9.6E-05 U
2,2',3-Trichlorobiphenyl (PCB 16)	mg/Kg		0.00032 J	7.7E-05	4.3E-05 U	0.00093	2.2E-05 U	3.1E-05 J	6.3E-06 J	9E-06 J	3.4E-05 U	5.4E-05 U	3.6E-05 J	2.4E-05 J	7.4E-05 U
2,2',4,4',5,6'-Hexachlorobiphenyl (PCB 154)	mg/Kg		0.0011 UJ+	2.4E-05 J	2E-05 U	5.1E-05 J+	1.5E-05 U	3.5E-05 U	3.1E-06 J	3.2E-06 U	7.4E-06 U	9.9E-06 U	1.6E-05 J	1.3E-05 J	0.0017 J+
2,2',4,4',5-Pentachlorobiphenyl (PCB 99)	mg/Kg		0.039 J+	0.00089	0.00025 J	0.0029 J+	0.00038 J	0.0017	0.00011	0.00013	9.4E-05 J	0.00013 J	0.00045 J	0.00059	0.23 J
2,2',4,4',6,6'-Hexachlorobiphenyl (PCB 155)	mg/Kg		0.00089 UJ+	1.7E-05 U	1.7E-05 U	2.3E-05 U	1.3E-05 U	3E-05 U	2.3E-06 U	3.3E-06 U	5.5E-06 U	7.1E-06 U	1.1E-05 U	9E-06 U	0.0012 U
2,2',4,5',6-Pentachlorobiphenyl (PCB 103)	mg/Kg		0.00099 UJ+	3.4E-05 U	2E-05 U	7.2E-05 UJ+	1.9E-05 U	6.3E-05 U	5.9E-06 U	8E-06 U	7.3E-06 U	1.4E-05 U	3.6E-05 U	2.2E-05 U	0.0056 UJ+
2,2',4,5-Tetrachlorobiphenyl (PCB 48)	mg/Kg		0.00024 J	4.8E-05	1.2E-05 U	0.0011	1.5E-05 J	4.6E-05 J	9.2E-06 J	1.4E-05 J	5.5E-06 U	9.2E-06 U	7.9E-05 J	4E-05 J	0.00036 J
2,2',4,6,6'-Pentachlorobiphenyl (PCB 104)	mg/Kg		6.2E-06 U	4E-07 J	7.1E-06 U	8.6E-07 J	4.8E-06 U	4E-06 U	4E-07 J	1.4E-06 J	2.6E-06 U	4.1E-06 U	3.1E-06 U	2.4E-06 J	1.4E-05 U
2,2',4,6'-Tetrachlorobiphenyl (PCB 51)	mg/Kg		4E-05 J	9.9E-06 J	1.1E-05 U	0.0002	7E-06 U	5.4E-06 U	8.1E-07 J	8.7E-07 J	5E-06 U	8.4E-06 U	5.7E-06 U	2.2E-06 J	7.5E-05 U
2,2',4-Trichlorobiphenyl (PCB 17)	mg/Kg		0.00021 J	3.1E-05 J	3E-05 U	0.00081	1.6E-05 U	2.1E-05 J	4.4E-06 J	7.5E-06 J	2.4E-05 U	3.8E-05 U	2.5E-05 J	2E-05 J	5.2E-05 U
2,2',5,5'-Tetrachlorobiphenyl (PCB 52)	mg/Kg		0.021	0.00067	0.00019 J	0.0054 J	0.00023 J	0.0013	0.00011	0.00015	0.0001 J	0.00013 J	0.00073 J	0.00075	0.076
2,2',6,6'-Tetrachlorobiphenyl (PCB 54)	mg/Kg		8E-06 U	7.6E-07 U	1.5E-05 U	1.4E-05 J	1E-05 U	5.8E-06 U	2.9E-07 U	1.4E-06 J	5.6E-06 U	1.1E-05 U	7.8E-06 U	1.3E-06 J	1.6E-05 U
2,2',6-Trichlorobiphenyl (PCB 19)	mg/Kg		5.7E-05 J	1.8E-05 J	3.3E-05 U	0.00029	1.9E-05 U	1.7E-05 U	1.2E-06 J	3E-06 J	2.5E-05 U	3.7E-05 U	2.2E-05 U	4.5E-06 J	4.7E-05 U
2,2'-Dichlorobiphenyl (PCB 4)	mg/Kg		0.00051 J+	9.4E-05	0.00033 U	0.00015 J+	0.00014 U	7E-05 U	9E-06 U	1.3E-05 J	0.00015 U	0.00017 U	0.00011 U	2.8E-05 J	0.00028 U
2,3,3',4,4',5,5',6-Octachlorobiphenyl (PCB 205)	mg/Kg		0.0007	0.00011	1.5E-05 J	0.00015	4.3E-05 J	6E-05 J	2E-05 J	3E-05 J	8.5E-06 J	9E-06 U	0.00014 J	7E-05	0.00042 J
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	mg/Kg		0.0014	9.2E-05	1.3E-05 U	0.00018	3.6E-05 J	8.2E-05	1E-05	1.4E-05	7.8E-06 U	1.4E-05 U	5.5E-05 J	3.2E-05	0.0012
2,3,3',4,4',5,6-Heptachlorobiphenyl (PCB 190)	mg/Kg		0.0071	0.00051	6.8E-05 J	0.00097	0.00012 J	0.00053	4.7E-05	7.1E-05	1.3E-05 J	3E-05 J	0.00025 J	0.00015	0.0062
2,3,3',4,4',5',6-Heptachlorobiphenyl (PCB 191)	mg/Kg		0.0014	0.00013	1.5E-05 J	0.00019	2.1E-05 J	7.6E-05 J	1E-05 J	1.3E-05 J	4.1E-06 U	7.2E-06 U	2.6E-05 J	2.8E-05 J	0.0013
2,3,3',4,4',6-Hexachlorobiphenyl (PCB 158)	mg/Kg		0.013 J+	0.00055	0.00015 J	0.0011	0.00019 J	0.00068	5.2E-05	6.1E-05	3E-05 J	3.3E-05 J	0.00017 J	0.00016	0.031
2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	mg/Kg		0.03 J+	0.0014 J+	0.00049	0.0031 J+	0.00068 J+	0.0016 J+	0.00017 J+	0.0002 J+	0.00012	0.00018	0.0006	0.00066 J+	0.2 J
2,3,3',4,5,5',6-Heptachlorobiphenyl (PCB 192)	mg/Kg		4.1E-05 U	3.8E-06 U	8.9E-06 U	7.7E-06 U	7.5E-06 U	1E-05 U	2.8E-06 J	4.4E-06 J	4.3E-06 U	7.4E-06 U	1.2E-05 J	1E-05 J	5.9E-05 U
2,3,3',4,5,5'-Hexachlorobiphenyl (PCB 159)	mg/Kg		0.00015 U	5.4E-05	1.1E-05 U	9.4E-05	8.3E-06 U	1.4E-05 U	3.5E-06 J	4.2E-06 U	5.4E-06 U	8.6E-06 U	2.5E-05 U	1E-05 U	0.00036 U
2,3,3',4',5,5'-Hexachlorobiphenyl (PCB 162)	mg/Kg		0.00043 J	5.5E-05	1.1E-05 U	4.1E-05 J	8E-06 U	1.5E-05 J	4.9E-06 J	4.1E-06 U	5.2E-06 U	8.3E-06 U	2.4E-05 U	9.6E-06 U	0.0008 J
2,3,3',4,5,6-Hexachlorobiphenyl (PCB 160)	mg/Kg		0.0011 UJ+	1.7E-05 U	2E-05 U	2.4E-05 U	1.5E-05 U	3.5E-05 U	1.3E-05 J	2E-05 J	7.4E-06 U	9.9E-06 U	0.00016 J	5.6E-05	0.0014 UJ+
2,3,3',4,5',6-Hexachlorobiphenyl (PCB 161)	mg/Kg		0.00092 UJ+	1.5E-05 U	1.7E-05 U	2.1E-05 U	1.3E-05 U	3E-05 U	1.9E-06 U	2.8E-06 U	6.4E-06 U	8.6E-06 U	1.3E-05 U	7.6E-06 U	0.0012 U
2,3,3',4',5',6-Hexachlorobiphenyl (PCB 164)	mg/Kg		0.0084 J+	0.00037	6.4E-05 J	0.00075	0.00013 J	0.00046	3.4E-05 J	4E-05	1.7E-05 J	3.2E-05 J	9.9E-05 J	9.9E-05	0.021 J+
2,3,3',4,5-Pentachlorobiphenyl (PCB 106)	mg/Kg		0.00096 UJ+	3.3E-05 U	2E-05 U	7E-05 UJ+	1.9E-05 U	6.1E-05 U	7.2E-06 J	1.3E-05 J	7.1E-06 U	1.4E-05 U	9E-05 J	4E-05 J	0.0055 UJ+
2,3,3',4',5'-Pentachlorobiphenyl (PCB 122)	mg/Kg		0.00098 UJ+	3.4E-05 U	2E-05 U	7.2E-05 UJ+	1.9E-05 U	6.3E-05 U	5.9E-06 U	7.9E-06 U	7.3E-06 U	1.4E-05 U	3.6E-05 U	2.2E-05 U	0.0073 J+
2,3,3',4,6-Pentachlorobiphenyl (PCB 109)	mg/Kg		0.0051 J+	0.00021	4.6E-05 J	0.00036 J+	6.8E-05 J	0.00024 J	2.4E-05 J	2.7E-05 J	1.4E-05 J	1.7E-05 J	7.6E-05 J	8.5E-05	0.022 J+
2,3,3',4-Tetrachlorobiphenyl (PCB 55)	mg/Kg		0.00011 U	9E-06 U	1.5E-05 U	3.1E-05 U	1.2E-05 U	1.6E-05 U	5.3E-06 U	6.4E-06 U	6.7E-06 U	1.2E-05 U	4.1E-05 U	1.7E-05 U	0.00076 U
2,3,3',4'-Tetrachlorobiphenyl (PCB 56)	mg/Kg		0.0022	0.00025	4.8E-05 J	0.0031	0.00017 J	0.00023 J	3.1E-05 J	3.8E-05 J	1.5E-05 J	2.6E-05 J	0.00011 J	9.8E-05	0.014
2,3,3',5,5',6-Hexachlorobiphenyl (PCB 165)	mg/Kg		0.0011 UJ+	1.8E-05 U	2E-05 U	2.5E-05 U	1.5E-05 U	3.5E-05 U	2.2E-06 U	3.2E-06 U	7.4E-06 U	1E-05 U	1.5E-05 U	8.8E-06 U	0.0014 UJ+
2,3,3',5,5'-Pentachlorobiphenyl (PCB 111)	mg/Kg		0.00078 UJ+	2.7E-05 U	1.6E-05 U	5.7E-05 UJ+	1.5E-05 U	5E-05 U	4.7E-06 U	6.3E-06 U	5.8E-06 U	1.1E-05 U	2.9E-05 U	1.8E-05 U	0.0045 UJ+
2,3,3',5,6-Pentachlorobiphenyl (PCB 112)	mg/Kg		0.00075 UJ+	2.6E-05 U	1.5E-05 U	5.5E-05 UJ+	1.5E-05 U	4.8E-05 U	4.5E-06 U	6.1E-06 U	5.6E-06 U	1.1E-05 U	2.8E-05 U	1.7E-05 U	0.0043 UJ+
2,3,3',5-Tetrachlorobiphenyl (PCB 57)	mg/Kg		0.00011 U	8.9E-06 U	1.4E-05 U	3.1E-05 U	1.1E-05 U	1.6E-05 U	5.2E-06 U	6.3E-06 U	6.6E-06 U	1.2E-05 U	4.1E-05 U	1.6E-05 U	0.00074 U
2,3,3',5'-Tetrachlorobiphenyl (PCB 58)	mg/Kg		0.00011 U	3.2E-05 J	1.5E-05 U	3.1E-05 U	1.2E-05 U	1.6E-05 U	5.2E-06 U	6.3E-06 U	6.6E-06 U	1.2E-05 U	4.1E-05 U	1.7E-05 U	0.00075 U
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	mg/Kg		0.0054 J+	0.00027 J+	6.1E-05 J+	0.0005 J+	9.3E-05 J+	0.00032	2.5E-05	2.9E-05	1.3E-05 J	2.1E-05 J	7.1E-05 J	7.5E-05 J+	0.01 J+
2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	mg/Kg		0.00099 UJ+	5.8E-05 J+	1.9E-05 U	0.0001 J+	1.9E-05 U	6.1E-05 UJ+	1.3E-05 J+	1.8E-05 J+	7.2E-06 U	1.5E-05 U	9.5E-05 J+	5.4E-05 J+	0.0056 UJ+
2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	mg/Kg		0.077 J	0.0025 J+	0.00082	0.0051 J	0.00097 J+	0.0037 J+	0.00035 J+	0.0004 J+	0.00022 J+	0.00038 J+	0.0012	0.0015 J+	0.39 J
2,3',4,4',5'-Pentachlorobiphenyl (PCB 123)	mg/Kg		0.00089 UJ+	4.1E-05 J+	2E-05 U	8.8E-05 J+	1.7E-05 UJ+	5.9E-05 UJ+	5.3E-06 UJ+	7.4E-06 UJ+	7.2E-06 U	1.4E-05 U	3.4E-05 U	2E-05 UJ+	0.0054 UJ+
2,3,4,4',6-Pentachlorobiphenyl (PCB 115)	mg/Kg		0.11	--	--	--	0.0013 J+	0.0054	--	--	0.00028 J	0.00037 J	0.0012 J	--	--
2,3,4,4'-Tetrachlorobiphenyl (PCB 60)	mg/Kg		0.0008	0.00015	1.5E-05 U	0.0019	9.7E-05 J	0.00011 J	1.3E-05 J	2E-05 J	7.2E-06 J	1.7E-05 J	5.5E-05 J	4.7E-05	0.0044
2,3',4,4'-Tetrachlorobiphenyl (PCB 66)	mg/Kg		0.006	0.00055	0.00011 J	0.0061 J	0.00037 J	0.00052	7.5E-05	8.7E-05	4.1E-05 J	6.8E-05 J	0.00026 J	0.00016	0.072
2,3',4,5,5'-Pentachlorobiphenyl (PCB 120)	mg/Kg		0.00083 UJ+	2.9E-05 U	1.7E-05 U	6.1E-05 UJ+	1.6E-05 U	5.3E-05 U	5E-06 U	6.7E-06 U	6.2E-06 U	1.2E-05 U	3E-05 U	1.9E-05 U	0.0047 UJ+
2,3',4,5',6-Pentachlorobiphenyl (PCB 121)	mg/Kg		0.00078 UJ+	2.7E-05 U	1.6E-05 U	5.7E-05 UJ+	1.5E-05 U	5E-05 U	4.7E-06 U	6.3E-06 U	5.8E-06 U	1.1E-05 U	2.8E-05 U	1.8E-05 U	0.0044 UJ+
2,3,4',5-Tetrachlorobiphenyl (PCB 63)	mg/Kg		0.0001 U	2.1E-05 J	1.4E-05 U	0.00017 J+	1.1E-05 U	1.5E-05 U	4.9E-06 U	5.9E-06 U	6.2E-06 U	1.1E-05 U	3.8E-05 U	1.5E-05 U	0.0013
2,3',4,5-Tetrachlorobiphenyl (PCB 67)	mg/Kg		0.0001 U	1.2E-05 J	1.4E-05 U	0.00011	1.1E-05 U	1.5E-05 U	4.8E-06 U	5.9E-06 U	6.2E-06 U	1.1E-05 U	3.8E-05 U	1.5E-05 U	0.0007 U
2,3',4,5'-Tetrachlorobiphenyl (PCB 68)	mg/Kg		9.8E-05 U	7.9E-06 U	1.3E-05 U	2.7E-05 U	1E-05 U	1.4E-05 U	4.6E-06 U	5.6E-06 U	5.9E-06 U	1.1E-05 U	3.6E-05 U	1.5E-05 U	0.00067 U
2,3,4',6-Tetrachlorobiphenyl (PCB 64)	mg/Kg		0.003	0.00019	3E-05 J	0.0019	7.9E-05 J	0.00022 J	2E-05 J	2.6E-05 J	1E-05 J	1.8E-05 J	9.7E-05 J	7.9E-05	0.015
2,3,4'-Trichlorobiphenyl (PCB 22)	mg/Kg		0.00056	0.00013	1.6E-05 U	0.0021 J+	7.4E-05 J	9.9E-05 J	1E-05 J	1.3E-05 J	9E-06 U	1.5E-05 J	4.3E-05 J	3.2E-05 J	6.1E-05 U
2,3',4-Trichlorobiphenyl (PCB 25)	mg/Kg		7E-05 J	1.1E-05 J	1.5E-05 U	0.00011 J+	8E-06 U	1.3E-05 J	2.2E-06 J	3.3E-06 J	7.9E-06 U	9.8E-06 U	1.7E-05 U	8.8E-06 J	5.3E-05 U
2,3',5,5'-Tetrachlorobiphenyl (PCB 72)	mg/Kg		0.00011 U	8.6E-06 U	1.4E-05 U	3E-05 U	1.1E-05 U	1.5E-05 U	5E-06 U	6.1E-06 U	6.4E-06 U	1.1E-05 U	3.9E-05 U	1.6E-05 U	0.00072 U
2,3',5',6-Tetrachlorobiphenyl (PCB 73)	mg/Kg		2.7E-05 U	4.3E-07 U	9.6E-06 U	3.6E-06 U	5.9E-06 U	4.6E-06 U	3.5E-07 U	3.5E-07 U	4.2E-06 U	7.1E-06 U	4.8E-06 U	1.5E-06 J	6.3E-05 U
2,3,5-Trichlorobiphenyl (PCB 23)	mg/Kg		3.2E-05 U	4.5E-06 U	1.4E-05 U	4.1E-05 U	7.8E-06 U	8.4E-06 U	2E-06 U	2.5E-06 U	7.6E-06 U	9.5E-06 U	1.6E-05 U	6.1E-06 U	5.2E-05 U

Table 3-7. Soil Summary - PCBs
Soil Samples-Areas 5 and 8
TIMET
Henderson, Nevada

		Site Area	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 8
		PSA (If Applicable)	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	Drainage Ditches
		Location	DD-B-4	DD-B-5	DD-B-6	DD-B-7	DD-B-8	DD-B-9	FM-SS-1	FM-SS-1	FM-SS-2	FM-SS-2	FM-SS-3	FM-SS-4	Alpha Line
		Sample Name	DD-B-4_SS	DD-B-5_SS	DD-B-6_SS	DD-B-7_SS	DD-B-8_SS	DD-B-9_SS	FM-SS-1_SS	FM-SS-1_SS DUP	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	FM-SS-4_SS	AL-1
		Start Depth	0	0	0	0	0	0	0	0	0	0	0	0	5
		End Depth	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/2/2013	11/13/2013	12/3/2013	12/6/2013	12/4/2013	12/3/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	7/30/2014
		Parent Sample								FM-SS-1_SS_11/20/13		FM-SS-2_SS_11/20/13			
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL													
2,3',5'-Trichlorobiphenyl (PCB 34)	mg/Kg		3.4E-05 U	4.6E-06 U	1.5E-05 U	4.3E-05 U	8.1E-06 U	8.8E-06 U	2.1E-06 U	2.6E-06 U	7.9E-06 U	9.9E-06 U	1.7E-05 U	6.4E-06 U	5.4E-05 U
2,3,6-Trichlorobiphenyl (PCB 24)	mg/Kg		1.2E-05 U	2.3E-06 J	2.2E-05 U	3.7E-05 J	1.2E-05 U	1E-05 U	7.4E-07 J	1.2E-06 J	1.8E-05 U	2.8E-05 U	1.3E-05 U	3.4E-06 J	3.8E-05 U
2,3',6-Trichlorobiphenyl (PCB 27)	mg/Kg		4.2E-05 J	1.4E-05 J	2.3E-05 U	0.00019	1.2E-05 U	1E-05 U	1.2E-06 J	1.6E-06 J	1.8E-05 U	2.8E-05 U	1.3E-05 U	4.4E-06 J	3.9E-05 U
2,3-Dichlorobiphenyl (PCB 5)	mg/Kg		0.00013 U	1.1E-05 J	0.00031 U	1.1E-05 U	0.0002 U	0.00011 U	8.4E-06 U	6.1E-06 U	0.00016 U	0.00023 U	0.00012 U	1.8E-05 U	0.00038 U
2,3'-Dichlorobiphenyl (PCB 6)	mg/Kg		0.00047 J+	0.0001	0.00031 U	0.00013	0.0002 U	0.00011 U	9.1E-06 J	1.2E-05 J	0.00016 U	0.00023 U	0.00012 U	3.3E-05 J	0.00038 U
2,4',5-Trichlorobiphenyl (PCB 31)	mg/Kg		0.001	0.00019	4.8E-05 J	0.003	0.00013 J	0.00018 J	2.7E-05 J	3.5E-05 J	1.2E-05 J	3.6E-05 J	0.00015 J	9.7E-05	0.0002 J
2,4',6-Trichlorobiphenyl (PCB 32)	mg/Kg		0.00014 J	4.4E-05	1.8E-05 U	0.0005	9.1E-06 U	2.2E-05 J	3.1E-06 J	4.9E-06 J	1.4E-05 U	2.2E-05 U	1.6E-05 J	1.1E-05 J	3E-05 U
2,4-Dichlorobiphenyl (PCB 7)	mg/Kg		0.00012 U	7.2E-06 UJ+	0.00029 U	1E-05 U	0.00019 U	0.0001 U	7.9E-06 U	5.7E-06 U	0.00015 U	0.00021 U	0.00011 U	1.7E-05 U	0.00036 U
2,4'-Dichlorobiphenyl (PCB 8)	mg/Kg		0.00086 J+	0.00015	0.00031 U	0.00044	0.00019 U	0.00011 U	1.4E-05 J	2.6E-05 J	0.00016 U	0.00022 U	0.00012 U	5.5E-05	0.00037 U
2,5-Dichlorobiphenyl (PCB 9)	mg/Kg		0.00014 U	3.4E-05 J	0.00033 U	2.3E-05 J	0.00021 U	0.00012 U	8.9E-06 U	6.5E-06 U	0.00017 U	0.00024 U	0.00013 U	2E-05 U	0.0004 U
2,6-Dichlorobiphenyl (PCB 10)	mg/Kg		5.6E-05 U	5.3E-06 U	0.00021 U	1.7E-05 U	8.1E-05 U	4.3E-05 U	5.2E-06 U	3.9E-06 U	0.0001 U	0.00012 U	6.7E-05 U	2.7E-06 U	0.00025 U
2-Chlorobiphenyl (PCB 1)	mg/Kg		0.0003 J	8.2E-05	6.8E-06 U	0.00012	3.6E-05 J	1.3E-05 J	9.8E-06 J	1.4E-05 J	3.5E-06 U	3.6E-06 U	6.6E-05 J	4.3E-05 J+	1.1E-05 U
3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	mg/Kg		0.00016 UJ+	1E-05 UJ+	1.3E-05 U	1.2E-05 UJ+	9E-06 U	1.4E-05 U	3E-06 U	4.3E-06 UJ+	7.8E-06 U	1.3E-05 U	3.4E-05 U	1.1E-05 J+	0.00052 UJ+
3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	mg/Kg		0.0011 UJ+	8.6E-05 J+	2.4E-05 U	0.00015 J+	2.6E-05 U	7.1E-05 UJ+	1.2E-05 J+	1.4E-05 J+	1E-05 U	2.2E-05 U	4.9E-05 U	3.1E-05 J+	0.0094 UJ+
3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	mg/Kg		0.0017 J+	0.00026 J+	6.1E-05 J+	0.001 J+	0.00013 J+	0.00015	6.2E-05 J+	7.5E-05 J+	1.6E-05 J	3.6E-05 J	9.3E-05	7.2E-05 J+	0.0012 UJ+
3,3',4,5,5'-Pentachlorobiphenyl (PCB 127)	mg/Kg		0.00096 UJ+	3.3E-05 U	1.9E-05 U	7E-05 UJ+	1.9E-05 U	6.1E-05 U	5.8E-06 U	7.8E-06 U	7.1E-06 U	1.4E-05 U	3.5E-05 U	2.2E-05 U	0.0055 UJ+
3,3',4,5-Tetrachlorobiphenyl (PCB 78)	mg/Kg		0.00012 U	1E-05 U	1.6E-05 U	3.5E-05 U	1.3E-05 U	1.8E-05 U	5.9E-06 U	7.1E-06 U	7.5E-06 U	1.3E-05 U	4.6E-05 U	1.9E-05 U	0.00085 U
3,3',4,5'-Tetrachlorobiphenyl (PCB 79)	mg/Kg		0.0013	5.6E-05	1.4E-05 U	0.0001	1.1E-05 U	6.6E-05 J	1.1E-05 J	1.7E-05 J	6.5E-06 U	1.2E-05 U	8.4E-05 J	4.5E-05 J+	0.0085 J
3,3',4-Trichlorobiphenyl (PCB 35)	mg/Kg		0.0008	2.9E-05 J	6.2E-05 J	6.7E-05 J+	9.4E-06 U	4.3E-05 J	0.00022	0.00024	0.0001 J	0.00017 J	0.00011 J	0.00029	6.2E-05 U
3,3',5,5'-Tetrachlorobiphenyl (PCB 80)	mg/Kg		0.0001 U	8.4E-06 U	1.4E-05 U	2.9E-05 U	1.1E-05 U	1.5E-05 U	4.9E-06 U	5.9E-06 U	6.2E-06 U	1.1E-05 U	3.8E-05 U	1.5E-05 U	0.0007 U
3,3',5-Trichlorobiphenyl (PCB 36)	mg/Kg		3.4E-05 U	4.7E-06 U	1.5E-05 U	4.4E-05 U	8.2E-06 U	8.9E-06 U	1.2E-05 J	1.2E-05 J	8.1E-06 U	1E-05 U	1.7E-05 U	2.1E-05 J	5.5E-05 U
3,3'-Dichlorobiphenyl (PCB 11)	mg/Kg		0.0044 J+	0.00013	0.0015	0.00011	0.00021 U	0.00011 U	0.0011	0.0012	0.0019 J	0.0036 J	0.00063 J	0.0051 J	0.00039 U
3,4,4',5-Tetrachlorobiphenyl (PCB 81)	mg/Kg		0.00014 UJ+	1.1E-05 J+	2E-05 U	3.3E-05 UJ+	1.5E-05 U	1.9E-05 U	5.9E-06 UJ+	7.8E-06 UJ+	9.8E-06 U	1.8E-05 U	5.4E-05 U	1.9E-05 UJ+	0.0011 UJ+
3,4,4'-Trichlorobiphenyl (PCB 37)	mg/Kg		0.00086	0.00029	2E-05 UJ+	0.0035 J+	0.00012 J	0.00017 J	2.8E-05 J	3.5E-05 J	2E-05 J	2.4E-05 J	7.8E-05 J	6E-05	0.00041 J
3,4,5-Trichlorobiphenyl (PCB 38)	mg/Kg		3.7E-05 U	5.1E-06 U	1.6E-05 U	4.7E-05 U	8.8E-06 U	9.6E-06 U	2.3E-06 U	3E-06 J	8.6E-06 U	1.1E-05 U	1.8E-05 U	1.1E-05 J	5.9E-05 U
3,4',5-Trichlorobiphenyl (PCB 39)	mg/Kg		3.5E-05 U	4.8E-06 U	1.5E-05 U	4.4E-05 U	8.3E-06 U	9E-06 U	2.1E-06 U	2.7E-06 U	8.1E-06 U	1E-05 U	1.7E-05 U	6.5E-06 U	5.5E-05 U
3,5-Dichlorobiphenyl (PCB 14)	mg/Kg		0.00012 U	6.7E-06 U	0.00027 U	9.6E-06 U	0.00017 U	9.6E-05 U	7.3E-06 U	5.3E-06 U	0.00014 U	0.0002 U	0.0001 U	1.6E-05 U	0.00033 U
3-Chlorobiphenyl (PCB 2)	mg/Kg		0.00018 J	6E-05	7.2E-06 U	9.2E-05	1.8E-05 J	4.8E-06 J	1.2E-05 J	1.5E-05 J	3.6E-06 U	3.8E-06 U	6.1E-05 J	5.1E-05	1.3E-05 U
4,4'-Dichlorobiphenyl (PCB 15)	mg/Kg		0.00064 J+	0.00015	0.00034 U	0.0027	0.0002 U	0.00013 J	2.7E-05 J	3.7E-05 J	0.00018 U	0.00028 U	0.00014 J	0.0001	0.00057 U
4-Chlorobiphenyl (PCB 3)	mg/Kg		0.00014 J	6.1E-05	7.8E-06 U	9.9E-05	1.6E-05 J	1.2E-05 J	1.7E-05 J	2.2E-05 J	3.9E-06 U	8.6E-06 J	7.6E-05 J	6.2E-05	1.5E-05 U
Decachlorobiphenyl (PCB 209)	mg/Kg		0.25 J	0.033 J	0.027	0.32 J	0.0084	0.028	0.069 J	0.089 J	0.03	0.042	0.46 J	0.24 J	0.044
PCB 107/124	mg/Kg		0.0021	0.0001	3.4E-05 J	0.0002	4E-05 J	0.00012 J	1.5E-05 J	1.9E-05 J	9.2E-06 J	1.7E-05 J	8.2E-05 J	5.8E-05 J	0.012 J+
PCB 108/124	mg/kg		--	--	--	--	--	--	--	--	--	--	--	--	--
PCB 110/115	mg/Kg		0.11	0.003	0.00086	0.0069	0.0013 J+	0.0054	0.00035	0.00041	0.00028 J	0.00037 J	0.0012 J	0.0015	0.79 J
PCB 12/13	mg/Kg		0.00048 J	0.0001	0.00033 U	0.00023	0.00021 U	0.00012 U	1.7E-05 J	1.9E-05 J	0.00017 U	0.00024 U	0.00013 U	5.8E-05 J	0.0004 U
PCB 128/166	mg/Kg		0.019 J+	0.00083	0.00026 J	0.0017	0.00028 J	0.00098	8.4E-05	0.0001	4.2E-05 J	7.2E-05 J	0.00029 J	0.00026	0.06
PCB 129/138/163	mg/Kg		0.14	0.0054	0.0013	0.012	0.0018 J+	0.007	0.00046	0.00056	0.0003 J	0.00044 J	0.0015 J	0.0015	0.3
PCB 134/143	mg/Kg		0.0044 J+	0.00013	3.2E-05 J	0.00035	3.8E-05 J	0.00021 J	1.5E-05 J	2E-05 J	9.6E-06 U	1.8E-05 J	8.4E-05 J	6.1E-05 J	0.022
PCB 135/151	mg/Kg		0.03 J+	0.00092	0.00016 J	0.0023	0.00025 J	0.0013	8.1E-05	9.8E-05	5.8E-05 J	8.5E-05 J	0.00041 J	0.00028	0.073
PCB 139/140	mg/Kg		0.0012 UJ+	4.9E-05 J	2.2E-05 U	0.00011	1.7E-05 U	4.6E-05 J	5.4E-06 J	6.4E-06 J	8.1E-06 U	1.1E-05 U	1.8E-05 J	2.1E-05 J	0.0053
PCB 147/149	mg/Kg		0.083 J+	0.0024	0.00051 J	0.0061	0.00076 J	0.0037	0.00021	0.00026	0.00016 J	0.00024 J	0.00088 J	0.00078	0.2
PCB 153/168	mg/Kg		0.1 J+	0.0039	0.0009	0.0083	0.0012 J+	0.0049	0.00036	0.00042	0.00023 J	0.00035 J	0.0013 J	0.0012	0.15
PCB 156/157	mg/Kg		0.016 J+	0.00074 J+	0.0002	0.0014 J+	0.00024	0.00091	7.8E-05	9.4E-05	4.1E-05 J	7.2E-05 J	0.0003	0.00026 J+	0.037 J+
PCB 171/173	mg/Kg		0.01	0.00058	7.9E-05 J	0.0012	0.00015 J	0.00063 J	5.3E-05 J	7.1E-05 J	3E-05 J	3.7E-05 J	0.00031 J	0.00015	0.011
PCB 18/30	mg/Kg		0.00038 J	0.0001	2.6E-05 U	0.0012	5.7E-05 J	6.9E-05 J	7.3E-06 J	1.2E-05 J	2.1E-05 U	3.2E-05 U	7.3E-05 J	3E-05 J	7.6E-05 J
PCB 180/193	mg/Kg		0.068	0.0053	0.00087	0.0098 J	0.0014 J+	0.0049	0.00042	0.00051	0.00019 J	0.00025 J	0.0012 J	0.00099	0.056
PCB 198/199	mg/Kg		0.011	0.001	0.0003 J	0.0021	0.00034 J	0.00085	0.00032	0.00038	0.00012 J	0.00019 J	0.0012 J	0.00064	0.0072
PCB 20/28	mg/Kg		0.0014	0.00025	5.3E-05 J	0.004	0.00014 J	0.00025 J	2.9E-05 J	3.8E-05 J	2.5E-05 J	3.9E-05 J	0.00015 J	9.7E-05	0.00022 J
PCB 21/33	mg/Kg		0.00072 J	9.4E-05	1.4E-05 U	0.0018	4.3E-05 J	9.2E-05 J	1.7E-05 J	2.3E-05 J	7.8E-06 U	1.4E-05 J	0.00011 J	6.7E-05 J	5.3E-05 U
PCB 26/29	mg/Kg		0.00019 J	3.6E-05 J	1.5E-05 U	0.00032	1.8E-05 J	3.5E-05 J	1.1E-05 J	1.7E-05 J	7.9E-06 U	9.9E-06 U	0.00011 J	5.5E-05 J	5.4E-05 U
PCB 40/41/71	mg/kg		--	--	--	--	--	--	--	--	--	--	--	--	--
PCB 40/71	mg/Kg		0.0008 J	0.00017	3.6E-05 J	0.0023	5.2E-05 J	0.00016 J	2E-05 J	2.6E-05 J	5.3E-06 U	1.7E-05 J	0.00011 J	6.9E-05 J	0.0016 J
PCB 43/73	mg/kg		--	--	--	--	--	--	--	--	--	--	--	--	--
PCB 44/47/65	mg/Kg		0.0033	0.00039	7.8E-05 J	0.0044	0.00015 J	0.00054 J	5.4E-05 J	7.1E-05 J	4.6E-05 J	4.8E-05 J	0.0003 J	0.0003	0.01

Table 3-7. Soil Summary - PCBs
Soil Samples-Areas 5 and 8
TIMET
Henderson, Nevada

		Site Area	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 8
		PSA (If Applicable)	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	FrancyMtn	Drainage Ditches
		Location	DD-B-4	DD-B-5	DD-B-6	DD-B-7	DD-B-8	DD-B-9	FM-SS-1	FM-SS-1	FM-SS-2	FM-SS-2	FM-SS-3	FM-SS-4	Alpha Line
		Sample Name	DD-B-4_SS	DD-B-5_SS	DD-B-6_SS	DD-B-7_SS	DD-B-8_SS	DD-B-9_SS	FM-SS-1_SS	FM-SS-1_SS DUP	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	FM-SS-4_SS	AL-1
		Start Depth	0	0	0	0	0	0	0	0	0	0	0	0	5
		End Depth	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	0.5	5.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	12/2/2013	11/13/2013	12/3/2013	12/6/2013	12/4/2013	12/3/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	11/20/2013	7/30/2014
		Parent Sample								FM-SS-1_SS_11/20/13		FM-SS-2_SS_11/20/13			
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL													
PCB 45/51	mg/kg		--	--	--	--	--	--	--	--	--	--	--	--	--
PCB 49/69	mg/Kg		0.0027	0.00018	5.2E-05 J	0.0028	7.3E-05 J	0.00027 J	2.6E-05 J	3.5E-05 J	1.8E-05 J	3E-05 J	0.00014 J	0.00015	0.014
PCB 50/53	mg/Kg		0.00022 J	3.7E-05 J	1.1E-05 U	0.00069	1.3E-05 J	3.6E-05 J	4E-06 J	5.7E-06 J	5E-06 U	8.5E-06 U	2.9E-05 J	1.8E-05 J	0.00019 J
PCB 59/62/75	mg/Kg		0.00016 J	3.3E-05 J	9E-06 U	0.00049	5.5E-06 U	1.7E-05 J	5.3E-06 J	7.6E-06 J	3.9E-06 U	6.6E-06 U	3.6E-05 J	2.2E-05 J	0.00082 J
PCB 61/70/74/76	mg/Kg		0.01	0.001	0.00026 J	0.0084	0.00046 J	0.00099 J	0.00018	0.00021	0.00011 J	0.00015 J	0.00086 J	0.00044	0.15
PCB 83/99	mg/kg		--	--	--	--	--	--	--	--	--	--	--	--	--
PCB 85/116	mg/kg		--	--	--	--	--	--	--	--	--	--	--	--	--
PCB 85/116/117	mg/Kg		0.013	0.00042	8.7E-05 J	0.0012	0.00016 J	0.00056 J	5E-05 J	6.1E-05 J	3.5E-05 J	3.8E-05 J	0.00025 J	0.00024	0.085 J+
PCB 86/87/97/109/119/125	mg/Kg		0.043	0.0011	0.0004 J	0.0035	0.00055 J	0.0025	0.00017 J	0.00021 J	0.00014 J	0.0002 J	0.00082 J	0.00084	0.36
PCB 88/91	mg/Kg		0.0076 J+	0.00016	3.4E-05 J	0.00071	6.5E-05 J	0.00036 J	1.8E-05 J	2.2E-05 J	2E-05 J	2E-05 J	7.7E-05 J	5.3E-05 J	0.066 J+
PCB 90/101/113	mg/Kg		0.086	0.0018	0.00051 J	0.0051	0.00069 J	0.004	0.00024	0.0003	0.00021 J	0.00029 J	0.0011 J	0.0012	0.54 J
PCB 93/100	mg/Kg		0.0011 UJ+	3.7E-05 U	2.2E-05 U	7.8E-05 U	2.1E-05 U	6.8E-05 U	6.4E-06 U	8.7E-06 U	7.9E-06 U	1.6E-05 U	3.9E-05 U	2.4E-05 U	0.0061 UJ+
PCB 98/102	mg/Kg		0.001 UJ+	3.5E-05 U	2E-05 U	0.00011	2E-05 U	6.4E-05 U	6E-06 U	8.1E-06 U	7.4E-06 U	1.5E-05 U	3.7E-05 U	2.2E-05 U	0.0066 J+
Total Dichlorobiphenyl	mg/Kg		0.0073 J+	0.00078 J+	0.0015 J	0.0038 J+	0.00021 U	0.00013 J	0.0011	0.0013 J+	0.0019 J	0.0036 J	0.00077 J	0.0053 J+	0.00057 U
Total Heptachlorobiphenyl	mg/Kg		0.24	0.017	0.0026 J	0.032	0.0046 J+	0.016 J+	0.0013 J+	0.0016 J+	0.0006 J	0.00091 J	0.0047 J	0.0033 J+	0.22 J
Total Hexachlorobiphenyl	mg/Kg		0.52	0.019	0.0044 J+	0.042 J+	0.0061 J+	0.026 J+	0.0018 J+	0.0022 J+	0.0011 J	0.0017 J	0.007 J	0.0061	1.2
Total Monochlorobiphenyl	mg/Kg		0.00063 J	0.0002 J	7.8E-06 U	0.00032 J	7E-05 J	3E-05 J	3.9E-05 J	5.2E-05 J	3.9E-06 U	8.6E-06 J	0.0002 J	0.00016 J	1.5E-05 U
Total Nonachlorobiphenyl	mg/Kg		0.01	0.0028	0.001 J	0.0058	0.0011 J	0.0012 J	0.00099	0.0012	0.00062 J	0.001 J	0.0042 J	0.0022	0.0047 J
Total Octachlorobiphenyl	mg/Kg		0.045	0.0046	0.0011 J	0.0084	0.0014 J	0.0036 J	0.00084	0.001 J+	0.00034 J	0.00052 J	0.0032 J	0.0019	0.028 J
Total Pentachlorobiphenyl	mg/Kg		0.5	0.014 J+	0.0041 J	0.037 J+	0.0056 J+	0.025 J+	0.0018 J+	0.0021 J+	0.0014 J	0.0019 J	0.0074 J	0.0078 J+	3.4
Total Tetrachlorobiphenyl	mg/Kg		0.055	0.0042	0.00087 J	0.044 J+	0.0019 J	0.0048 J+	0.00064 J+	0.00081 J+	0.00037 J	0.00054 J	0.0031 J	0.0024 J+	0.37 J
Total Trichlorobiphenyl	mg/Kg		0.0067 J+	0.0013 J+	0.00018 J	0.019 J+	0.00058 J	0.001 J	0.00038 J	0.00046 J+	0.00016 J	0.0003 J	0.0009 J	0.00084 J+	0.0009 J
Total PCBs (Lab calculated)	mg/Kg	0.83	1.6 J+	0.096 J+	0.043 J+	0.52 J+	0.03 J+	0.1 J+	0.078 J+	0.1 J+	0.036 J+	0.052 J+	0.49 J+	0.27 J+	5.3 J
Total TEQ - Sum of Dioxin/Furan and PCB Congener	mg/Kg	0.001	0.00019	8.8E-06 J	5.4E-08 J	1.5E-05 J	3.4E-05 J	2E-05 J	1.2E-06 J	1.4E-06 J	1.7E-05 J	6.4E-05 J	0.00018	3.5E-06 J	5E-05 J
Total TEQ - Sum of Dioxin/Furan and PCB Congener	pg/g	1000	190	8.8 J	0.054 J	15 J	34 J	20 J	1.2 J	1.4 J	17 J	64 J	180	3.5 J	50 J
Total TEQ-Dioxin/Furan only	mg/Kg	0.001	0.00019	--	--	--	3.4E-05 J	2E-05 J	--	--	1.7E-05 J	6.4E-05 J	0.00018	--	3.1E-05 J
Total TEQ-Dioxin/Furan only	pg/g	1000	190	--	--	--	34 J	20 J	--	--	17 J	64 J	180	--	31 J
Total TEQ-PCB Congener Only	mg/Kg		4.1E-06 J	8.8E-06 J	5.4E-08 J	1.5E-05 J	7.3E-08 J	2.1E-07 J	1.2E-06 J	1.4E-06 J	1.3E-08 J	2.3E-08 J	7.9E-08	3.5E-06 J	1.9E-05 J
Total TEQ-PCB Congener Only	pg/g		4.1 J	8.8 J	0.054 J	15 J	0.073 J	0.21 J	1.2 J	1.4 J	0.013 J	0.023 J	0.079	3.5 J	19 J

Notes:
-- = Sample not analyzed for this compound
* LCS or LCSD exceeds the control limits
+/- = suspected high or low bias
D = data reported from secondary dilution
J = estimated concentration
R = data rejected (qualifier may be used in conjunction with other qualifier)
U = analyte not detected above referenced laboratory limit
UJ = analyte not detected above referenced laboratory limit;
reporting limit may be inaccruate or imprecise
blue shading = analyte concentration exceeds
comparison level for Industrial Outdoor Worker BCL

Table 3-7. Soil Summary - PCBs
Soil Samples-Areas 5 and 8
TIMET
Henderson, Nevada

		Site Area	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8
		PSA (If Applicable)	Drainage Ditches	DrainageDitches	None	None	PSA-35	None	None	None	None
		Location	Alpha Line	DD-B-10	NE-B-1	NE-B-2	NE-B-3	NE-B-6	NE-B-6	NE-B-7	NE-B-7
		Sample Name	AL-2	DD-B-10_SS	NE-B-1_SS	NE-B-2_SS	NE-B-3_SS	NE-B-6 0-0.5	NE-B-6 5.0-6.5	NE-B-7 0-0.5	NE-B-7 5.0-6.5
		Start Depth	2	0	0	0	0	0	5	0	5
		End Depth	2.5	0.5	0.5	0.5	0.5	0.5	6.5	0.5	6.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	7/30/2014	12/4/2013	11/22/2013	11/22/2013	11/22/2013	3/20/2014	3/20/2014	3/20/2014	3/20/2014
		Parent Sample									
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL									
2,2',3,3',4,4',5,5',6-Nonachlorobiphenyl (PCB 206)	mg/Kg		0.0029	0.0012	7.6E-06 J	4.9E-05	5.9E-05	0.0046 J	3.9E-07 U	0.001	2.4E-06 J
2,2',3,3',4,4',5,5'-Octachlorobiphenyl (PCB 194)	mg/Kg		0.0074	0.0018	7.5E-06 J	6.3E-05	7.3E-05	0.0016	4.1E-07 U	0.00081	1.9E-06 J
2,2',3,3',4,4',5,6,6'-Nonachlorobiphenyl (PCB 207)	mg/Kg		0.0015	0.00075	4E-06 J	6E-05	0.00011	0.00051	2.9E-07 U	0.00084	3.2E-06 J
2,2',3,3',4,4',5,6-Octachlorobiphenyl (PCB 195)	mg/Kg		0.0027	0.00048	1.4E-06 J	1.8E-05 J	2E-05 J	0.00017	3.8E-07 U	0.00033	4.6E-07 U
2,2',3,3',4,4',5,6'-Octachlorobiphenyl (PCB 196)	mg/Kg		0.0033	0.00082	3E-06 J	2.7E-05 J	3.3E-05 J	0.0005	3.4E-07 U	0.00055	1.1E-06 J
2,2',3,3',4,4',5-Heptachlorobiphenyl (PCB 170)	mg/Kg		0.023	0.0019	9.9E-06 J	0.00014	0.00012	0.00068	2.8E-07 U	0.002	4.2E-06 J
2,2',3,3',4,4',6,6'-Octachlorobiphenyl (PCB 197)	mg/Kg		0.00025 J	0.00011	5.9E-07 J	7.9E-06 J	1.9E-05 J	6.6E-05	2.3E-07 U	0.00013	2.4E-07 U
2,2',3,3',4,5,5',6,6'-Nonachlorobiphenyl (PCB 208)	mg/Kg		0.0019	0.00061	2.9E-06 J	3.7E-05 J	5.7E-05	0.00031	3.6E-07 U	0.00051	1.9E-06 J
2,2',3,3',4,5,5'-Heptachlorobiphenyl (PCB 172)	mg/Kg		0.0034	0.00033	1.8E-06 J	2.4E-05 J	2.2E-05 J	7E-05	2.6E-07 U	0.00032	8E-07 J
2,2',3,3',4,5,6,6'-Octachlorobiphenyl (PCB 200)	mg/Kg		0.00074 J	0.00014	6.2E-07 J	4.3E-06 J	6.7E-06 J	4.1E-05	2.3E-07 U	0.00012	2.4E-07 U
2,2',3,3',4,5',6,6'-Octachlorobiphenyl (PCB 201)	mg/Kg		0.00068 J	0.0002	1.1E-06 J	9.5E-06 J	1.9E-05 J	4.6E-05	2.3E-07 U	0.0002	3.9E-07 J
2,2',3,3',4,5,6'-Heptachlorobiphenyl (PCB 174)	mg/Kg		0.02	0.0014	1.2E-05 J	0.00012	0.00011	0.00021	2.6E-07 U	0.002	3.2E-06 J
2,2',3,3',4,5',6-Heptachlorobiphenyl (PCB 175)	mg/Kg		0.00059 J	5.8E-05	8.5E-07 U	3.8E-06 J	4.8E-06 J	1.8E-05 J	3.6E-07 U	8.2E-05	5.5E-07 U
2,2',3,3',4,5',6'-Heptachlorobiphenyl (PCB 177)	mg/Kg		0.011	0.0008	4.8E-06 J	6.5E-05	6.6E-05	0.00011	2.6E-07 U	0.0011	1.4E-06 J
2,2',3,3',4,5'-Hexachlorobiphenyl (PCB 130)	mg/Kg		0.0039	0.00016	2.4E-06 J	1.9E-05 J	1.8E-05 J	4.6E-05	3.6E-07 U	0.00037	6.6E-07 U
2,2',3,3',4,6,6'-Heptachlorobiphenyl (PCB 176)	mg/Kg		0.0015	8.3E-05	1.5E-06 J	4.3E-06 J	9E-06 J	2.1E-05	2.4E-07 U	0.00018	3.7E-07 U
2,2',3,3',4,6-Hexachlorobiphenyl (PCB 131)	mg/Kg		0.0006 J	1.3E-05 J	1.4E-06 U	3.6E-06 J	2.8E-06 J	1.7E-05 U	3.4E-07 U	6.7E-05	6.2E-07 U
2,2',3,3',4,6'-Hexachlorobiphenyl (PCB 132)	mg/Kg		0.019	0.00047	1.7E-05 J	8.7E-05	7.6E-05	0.00019	3.2E-07 U	0.0018	4E-06 J
2,2',3,3',4-Pentachlorobiphenyl (PCB 82)	mg/Kg		0.006 J+	0.00017 J+	9.1E-06 J	2.1E-05 J	2.9E-05 J	6.4E-05 J+	4.5E-07 U	0.00057 J+	8E-07 U
2,2',3,3',5,5',6,6'-Octachlorobiphenyl (PCB 202)	mg/Kg		0.001 J	0.00023	1.7E-06 J	9.9E-06 J	1.7E-05 J	3E-05	2.8E-07 U	0.00015	2.8E-07 U
2,2',3,3',5,5',6-Heptachlorobiphenyl (PCB 178)	mg/Kg		0.0027	0.00021	1.4E-06 J	1.6E-05 J	1.7E-05 J	3.4E-05	3.8E-07 U	0.0003	5.7E-07 U
2,2',3,3',5,5'-Hexachlorobiphenyl (PCB 133)	mg/Kg		0.00056 J	2.2E-05 J	1.3E-06 U	3.1E-06 J	2.6E-06 J	1.6E-05 U	3.2E-07 U	5.6E-05	5.8E-07 U
2,2',3,3',5,6,6'-Heptachlorobiphenyl (PCB 179)	mg/Kg		0.0051	0.00031	4.7E-06 J	2.5E-05 J	2.9E-05 J	4.4E-05	2.7E-07 U	0.0006	9.1E-07 J
2,2',3,3',5-Pentachlorobiphenyl (PCB 83)	mg/Kg		0.0018 J+	3.4E-05 J	3.3E-06 J	7.7E-06 J	5.9E-06 J	2.6E-05 UJ+	4.8E-07 U	0.00014 J+	8.7E-07 U
2,2',3,3',6,6'-Hexachlorobiphenyl (PCB 136)	mg/Kg		0.0061	8.7E-05	6.4E-06 J	2.1E-05 J	1.9E-05 J	3.6E-05	2.1E-07 U	0.00055	1E-06 J
2,2',3,3',6-Pentachlorobiphenyl (PCB 84)	mg/Kg		0.01	0.00018 J+	2.3E-05 J	4.3E-05	4.4E-05	8.5E-05 J+	4E-07 U	0.0011 J+	2.8E-06 J
2,2',3,4,4',5,5',6-Octachlorobiphenyl (PCB 203)	mg/Kg		0.0042	0.00098	4.1E-06 J	3.4E-05 J	4.5E-05	0.0011	3.1E-07 U	0.00067	1.5E-06 J
2,2',3,4,4',5,6,6'-Octachlorobiphenyl (PCB 204)	mg/Kg		3.2E-05 J	3.5E-05 J	3.3E-07 U	1.5E-06 J	4.2E-06 J	4.1E-05	2.4E-07 U	3.3E-05	2.5E-07 U
2,2',3,4,4',5,6-Heptachlorobiphenyl (PCB 181)	mg/Kg		0.00015 J	1.1E-05 J	5.4E-07 U	7.5E-07 U	7.6E-07 U	2.4E-05	2.1E-07 U	4.7E-06 U	2.9E-07 U
2,2',3,4,4',5,6'-Heptachlorobiphenyl (PCB 182)	mg/Kg		0.00011 J	1.6E-05 J	7.9E-07 U	9.4E-07 J	1.3E-06 J	2.4E-05	3.4E-07 U	1.6E-05 J	5.1E-07 U
2,2',3,4,4',5',6-Heptachlorobiphenyl (PCB 183)	mg/Kg		0.0091	0.00063	5.4E-06 J	5.7E-05	5.4E-05	0.00042	1.9E-07 U	0.001	1.5E-06 J
2,2',3,4,4',5-Hexachlorobiphenyl (PCB 137)	mg/Kg		0.0025	8.4E-05	3.2E-06 J	1.4E-05 J	1.2E-05 J	0.00011	2.8E-07 U	0.0003	5.2E-07 U
2,2',3,4,4',6,6'-Heptachlorobiphenyl (PCB 184)	mg/Kg		1.8E-05 U	1.5E-05 J	6.4E-07 U	1.4E-06 J	5E-06 J	2.3E-05	2.7E-07 U	2.5E-05	4.1E-07 U
2,2',3,4,5,5',6-Heptachlorobiphenyl (PCB 185)	mg/Kg		0.0016	0.00014	5.9E-07 U	5.3E-06 J	1.1E-05 J	2.6E-05	2.3E-07 U	0.00017	3.1E-07 U
2,2',3,4',5,5',6-Heptachlorobiphenyl (PCB 187)	mg/Kg		0.017	0.0014	1.2E-05 J	9.6E-05	0.0001	0.00024	3.5E-07 U	0.0019	3.7E-06 J
2,2',3,4,5,5'-Hexachlorobiphenyl (PCB 141)	mg/Kg		0.013	0.00042	9.2E-06 J	5.6E-05	4.7E-05	0.00013	3E-07 U	0.0011	5.5E-07 U
2,2',3,4',5,5'-Hexachlorobiphenyl (PCB 146)	mg/Kg		0.0073	0.00029	7.3E-06 J	3.8E-05 J	3.5E-05 J	9.7E-05	3E-07 U	0.00072	1.5E-06 J
2,2',3,4,5,6,6'-Heptachlorobiphenyl (PCB 186)	mg/Kg		1.7E-05 U	1.9E-06 U	6.1E-07 U	5.7E-07 U	5.1E-07 U	2.5E-06 J	2.6E-07 U	1.5E-06 U	3.9E-07 U
2,2',3,4',5,6,6'-Heptachlorobiphenyl (PCB 188)	mg/Kg		1.7E-05 U	1.2E-05 J	8.7E-07 U	8.5E-07 J	3.5E-06 J	7.6E-06 J	2.7E-07 U	1.4E-05 J	3.9E-07 U
2,2',3,4,5,6-Hexachlorobiphenyl (PCB 142)	mg/Kg		0.00032 U	8.3E-06 U	1.3E-06 U	1.8E-06 U	2E-06 U	1.6E-05 U	3.1E-07 U	1.6E-05 U	5.7E-07 U
2,2',3,4,5',6-Hexachlorobiphenyl (PCB 144)	mg/Kg		0.0022	5.4E-05	2.5E-06 J	1.1E-05 J	9.3E-06 J	2.4E-05	2.8E-07 U	0.00022	5.2E-07 U
2,2',3,4',5,6'-Hexachlorobiphenyl (PCB 148)	mg/Kg		0.00028 U	7.4E-06 U	1.1E-06 U	1.6E-06 U	1.8E-06 U	1.4E-05 U	2.8E-07 U	1.4E-05 U	5.1E-07 U
2,2',3,4,6,6'-Hexachlorobiphenyl (PCB 145)	mg/Kg		0.00021 U	5.3E-06 U	8.2E-07 U	1.1E-06 U	1.3E-06 U	1E-05 U	2E-07 U	1E-05 U	3.7E-07 U
2,2',3,4',6,6'-Hexachlorobiphenyl (PCB 150)	mg/Kg		0.00019 U	5E-06 U	7.6E-07 U	1E-06 U	1.2E-06 U	9.4E-06 U	1.9E-07 U	9.7E-06 U	3.4E-07 U
2,2',3,4,6'-Pentachlorobiphenyl (PCB 89)	mg/Kg		0.001 U	2.3E-05 U	1.9E-06 U	4.4E-06 U	4E-06 U	2.1E-05 U	3.8E-07 U	6.5E-05 UJ+	6.8E-07 U
2,2',3,4-Tetrachlorobiphenyl (PCB 41)	mg/Kg		8.4E-05 U	1.6E-05 J	1.7E-06 J	1.3E-06 J	1.8E-05 J	7E-06 J	3E-07 U	8.3E-05	3.6E-07 U
2,2',3,4'-Tetrachlorobiphenyl (PCB 42)	mg/Kg		0.00072 J	4.5E-05 J+	4.3E-06 J	8.1E-06 J	3.4E-05 J	1.9E-05 J	2.5E-07 U	0.00025	4.1E-07 J
2,2',3,5,5'-Pentachlorobiphenyl (PCB 92)	mg/Kg		0.0096	0.00014 J+	1.7E-05 J	3.2E-05 J	2.8E-05 J	5.8E-05	3.6E-07 U	0.00068 J+	1.5E-06 J
2,2',3,5,6,6'-Hexachlorobiphenyl (PCB 152)	mg/Kg		0.0002 U	5.1E-06 U	7.8E-07 U	1.1E-06 U	1.2E-06 U	9.7E-06 U	1.9E-07 U	1E-05 U	3.5E-07 U
2,2',3,5,6'-Pentachlorobiphenyl (PCB 94)	mg/Kg		0.00095 U	2.2E-05 U	1.8E-06 U	4.1E-06 U	3.7E-06 U	1.9E-05 U	3.6E-07 U	6.2E-05 UJ+	6.5E-07 U
2,2',3,5',6-Pentachlorobiphenyl (PCB 95)	mg/Kg		0.045	0.00047 J+	6.8E-05	0.00013	0.00011	0.00021	6.7E-07 J	0.0033 J	7.8E-06 J
2,2',3,5-Tetrachlorobiphenyl (PCB 43)	mg/Kg		7.4E-05 U	3.8E-06 J	9.4E-07 U	7.9E-07 U	4.8E-06 J	5.5E-07 U	2.6E-07 U	2.8E-05	3.2E-07 U
2,2',3,6,6'-Pentachlorobiphenyl (PCB 96)	mg/Kg		0.00013 J	2.7E-06 J	4.3E-07 U	6E-07 J	7.2E-07 J	1.8E-06 J	2.5E-07 U	2.1E-05	2.4E-07 U
2,2',3,6-Tetrachlorobiphenyl (PCB 45)	mg/Kg		0.00013 J	1.6E-05 J	9.2E-07 U	5.7E-06 J	1.5E-05 J	4.5E-06 J	2.6E-07 U	0.00011	3.1E-07 U

Table 3-7. Soil Summary - PCBs
Soil Samples-Areas 5 and 8
TIMET
Henderson, Nevada

		Site Area	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8
		PSA (If Applicable)	Drainage Ditches	DrainageDitches	None	None	PSA-35	None	None	None	None
		Location	Alpha Line	DD-B-10	NE-B-1	NE-B-2	NE-B-3	NE-B-6	NE-B-6	NE-B-7	NE-B-7
		Sample Name	AL-2	DD-B-10_SS	NE-B-1_SS	NE-B-2_SS	NE-B-3_SS	NE-B-6 0-0.5	NE-B-6 5.0-6.5	NE-B-7 0-0.5	NE-B-7 5.0-6.5
		Start Depth	2	0	0	0	0	0	5	0	5
		End Depth	2.5	0.5	0.5	0.5	0.5	0.5	6.5	0.5	6.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	7/30/2014	12/4/2013	11/22/2013	11/22/2013	11/22/2013	3/20/2014	3/20/2014	3/20/2014	3/20/2014
		Parent Sample									
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL									
2,2',3,6'-Tetrachlorobiphenyl (PCB 46)	mg/Kg		7.7E-05 U	6.5E-06 J	9.8E-07 U	2.3E-06 J	6.2E-06 J	5.8E-07 U	2.7E-07 U	4.5E-05	3.3E-07 U
2,2',3-Trichlorobiphenyl (PCB 16)	mg/Kg		7.8E-05 U	2.1E-05 J	2.1E-06 U	2.5E-06 J	3.1E-05 J	1.3E-05 J	6.5E-07 U	0.00016	1.1E-06 J
2,2',4,4',5,6'-Hexachlorobiphenyl (PCB 154)	mg/Kg		0.00031 J	1.4E-05 J	1E-06 U	1.4E-06 U	2.8E-06 J	1.9E-05 J	2.5E-07 U	3.3E-05	4.5E-07 U
2,2',4,4',5-Pentachlorobiphenyl (PCB 99)	mg/Kg		0.023	0.00047 J+	4.7E-05	6.9E-05	8.3E-05	0.00065	3.6E-07 U	0.0022 J	5.7E-06 J
2,2',4,4',6,6'-Hexachlorobiphenyl (PCB 155)	mg/Kg		0.00021 U	7E-06 U	1.4E-06 U	1.6E-06 U	1.9E-06 U	1.1E-05 U	2.4E-07 U	1E-05 U	4.1E-07 U
2,2',4,5',6-Pentachlorobiphenyl (PCB 103)	mg/Kg		0.00083 U	1.9E-05 U	1.6E-06 U	3.6E-06 U	3.3E-06 U	1.7E-05 U	3.2E-07 U	5.4E-05 UJ+	5.6E-07 U
2,2',4,5-Tetrachlorobiphenyl (PCB 48)	mg/Kg		6.6E-05 U	3.2E-05 J	3E-06 J	3.3E-06 J	2.4E-05 J	1.3E-05 J	2.3E-07 U	0.00016	8.2E-07 J
2,2',4,6,6'-Pentachlorobiphenyl (PCB 104)	mg/Kg		1.2E-05 U	1.2E-06 U	5.5E-07 U	5.3E-07 U	2.9E-07 U	1.8E-06 J	2.3E-07 U	1E-06 J	2.3E-07 U
2,2',4,6'-Tetrachlorobiphenyl (PCB 51)	mg/Kg		6.1E-05 U	4.5E-06 J	7.7E-07 U	1.4E-06 J	4.3E-06 J	3.1E-06 J	2.1E-07 U	2.7E-05	2.6E-07 U
2,2',4-Trichlorobiphenyl (PCB 17)	mg/Kg		5.5E-05 U	1.7E-05 J	1.5E-06 U	1.5E-06 U	1.9E-05 J	1.2E-05 J	4.6E-07 U	0.00011	9.2E-07 J
2,2',5,5'-Tetrachlorobiphenyl (PCB 52)	mg/Kg		0.034	0.00044 J+	5.4E-05	6.8E-05	0.0001	0.00013	1.2E-06 J	0.0026 J	7.8E-06 J
2,2',6,6'-Tetrachlorobiphenyl (PCB 54)	mg/Kg		1.4E-05 U	1.5E-06 U	1E-06 U	1.1E-06 U	5.5E-07 U	2.6E-07 U	3E-07 U	2.3E-06 J	2.2E-07 U
2,2',6-Trichlorobiphenyl (PCB 19)	mg/Kg		4.7E-05 U	2.8E-06 J	2E-06 U	2.1E-06 U	5.4E-06 J	2.3E-06 J	5.1E-07 U	4.1E-05	5.5E-07 U
2,2'-Dichlorobiphenyl (PCB 4)	mg/Kg		0.00017 U	4.8E-05 UJ+	2.8E-05 U	3.1E-05 U	1.7E-05 U	2.5E-05	4.5E-06 U	5.4E-05	5.8E-06 U
2,3,3',4,4',5,5',6-Octachlorobiphenyl (PCB 205)	mg/Kg		0.00048 J	0.00013	4.4E-07 J	3E-06 J	5.2E-06 J	0.00011	2.8E-07 U	7.4E-05	3.6E-07 U
2,3,3',4,4',5,5'-Heptachlorobiphenyl (PCB 189)	mg/Kg		0.00084	9E-05	5.8E-07 U	4.8E-06	4.5E-06	9.9E-05	5E-07 U	8.2E-05	5.8E-07 U
2,3,3',4,4',5,6-Heptachlorobiphenyl (PCB 190)	mg/Kg		0.0045	0.00043	1.3E-06 J	2.8E-05 J	2.6E-05 J	0.00022	1.9E-07 U	0.0004	4.6E-07 J
2,3,3',4,4',5',6-Heptachlorobiphenyl (PCB 191)	mg/Kg		0.0011	9.9E-05	4.8E-07 U	4.9E-06 J	5.4E-06 J	7.8E-05	1.9E-07 U	9.5E-05	2.5E-07 U
2,3,3',4,4',6-Hexachlorobiphenyl (PCB 158)	mg/Kg		0.0071	0.00031	4.5E-06 J	3.7E-05 J	3.1E-05 J	0.00023	2.1E-07 U	0.00068	1.8E-06 J
2,3,3',4,4'-Pentachlorobiphenyl (PCB 105)	mg/Kg		0.018 J+	0.0014 J+	2.2E-05	8.4E-05	0.00011	0.00069 J+	3.2E-07 U	0.0022 J	7.5E-06
2,3,3',4,5,5',6-Heptachlorobiphenyl (PCB 192)	mg/Kg		4.5E-05 U	5E-06 U	5E-07 U	6.9E-07 U	7E-07 U	1.6E-06 U	2E-07 U	4.3E-06 U	2.6E-07 U
2,3,3',4,5,5'-Hexachlorobiphenyl (PCB 159)	mg/Kg		0.00013 U	4.2E-05	6.1E-07 U	1.1E-06 U	9E-07 U	4.5E-06 U	3.4E-07 U	3.5E-05	3.2E-07 U
2,3,3',4',5,5'-Hexachlorobiphenyl (PCB 162)	mg/Kg		0.00016 J	2.1E-05 J	5.9E-07 U	1.3E-06 J	1.1E-06 J	4.3E-06 U	3.3E-07 U	4.1E-05	3.1E-07 U
2,3,3',4,5,6-Hexachlorobiphenyl (PCB 160)	mg/Kg		0.00025 U	6.5E-06 U	1E-06 U	1.4E-06 U	1.6E-06 U	1.2E-05 U	2.5E-07 U	1.3E-05 U	4.5E-07 U
2,3,3',4,5',6-Hexachlorobiphenyl (PCB 161)	mg/Kg		0.00022 U	5.7E-06 U	8.7E-07 U	1.2E-06 U	1.4E-06 U	1.1E-05 U	2.2E-07 U	1.1E-05 U	3.9E-07 U
2,3,3',4',5',6-Hexachlorobiphenyl (PCB 164)	mg/Kg		0.0048	0.0002	2.3E-06 J	2.4E-05 J	2E-05 J	4.9E-05	2.4E-07 U	0.00039	4.4E-07 U
2,3,3',4,5-Pentachlorobiphenyl (PCB 106)	mg/Kg		0.0008 U	1.8E-05 U	1.5E-06 U	3.5E-06 U	3.2E-06 U	1.7E-05 U	3.1E-07 U	5.3E-05 UJ+	5.5E-07 U
2,3,3',4',5'-Pentachlorobiphenyl (PCB 122)	mg/Kg		0.00083 J	3E-05 J	1.6E-06 U	3.6E-06 U	3.2E-06 U	1.7E-05 U	3.1E-07 U	5.4E-05 UJ+	5.6E-07 U
2,3,3',4,6-Pentachlorobiphenyl (PCB 109)	mg/Kg		0.0026	0.00014	4.3E-06 J	1.1E-05 J	1.5E-05 J	4.1E-05	2.6E-07 U	0.00024 J+	4.7E-07 U
2,3,3',4-Tetrachlorobiphenyl (PCB 55)	mg/Kg		9.7E-05 U	8.1E-06 U	1.4E-06 U	1.2E-06 U	1.3E-06 U	3.5E-06 U	2.9E-07 U	8.3E-06 UJ	4.1E-07 U
2,3,3',4'-Tetrachlorobiphenyl (PCB 56)	mg/Kg		0.0016	0.00025 J+	1.1E-05 J	1.2E-05 J	7.8E-05	5.7E-05	3.2E-07 U	0.00044	1.6E-06 J
2,3,3',5,5',6-Hexachlorobiphenyl (PCB 165)	mg/Kg		0.00025 U	6.6E-06 U	1E-06 U	1.4E-06 U	1.6E-06 U	1.2E-05 U	2.5E-07 U	1.3E-05 U	4.5E-07 U
2,3,3',5,5'-Pentachlorobiphenyl (PCB 111)	mg/Kg		0.00065 U	1.5E-05 U	1.2E-06 U	2.9E-06 U	2.6E-06 U	1.3E-05 U	2.5E-07 U	4.3E-05 UJ+	4.5E-07 U
2,3,3',5,6-Pentachlorobiphenyl (PCB 112)	mg/Kg		0.00063 U	1.4E-05 U	1.2E-06 U	2.7E-06 U	2.5E-06 U	1.3E-05 U	2.4E-07 U	4.1E-05 UJ+	4.3E-07 U
2,3,3',5-Tetrachlorobiphenyl (PCB 57)	mg/Kg		9.5E-05 U	8E-06 U	1.4E-06 U	1.2E-06 U	1.3E-06 U	3.5E-06 U	2.9E-07 U	8.2E-06 U	4E-07 U
2,3,3',5'-Tetrachlorobiphenyl (PCB 58)	mg/Kg		9.6E-05 U	8E-06 U	1.4E-06 U	1.2E-06 U	1.3E-06 U	3.5E-06 U	2.9E-07 U	8.2E-06 U	4.1E-07 U
2,3',4,4',5,5'-Hexachlorobiphenyl (PCB 167)	mg/Kg		0.0028	0.00024 J+	2E-06 J	1.7E-05	1.6E-05	0.00024 J+	3.2E-07 U	0.00029 J+	8.6E-07 J
2,3,4,4',5-Pentachlorobiphenyl (PCB 114)	mg/Kg		0.00082 UJ+	5E-05 J+	1.5E-06 U	3.4E-06 J	5.7E-06	5.9E-05 J+	3.2E-07 U	9E-05 J+	5.4E-07 U
2,3',4,4',5-Pentachlorobiphenyl (PCB 118)	mg/Kg		0.044 J+	0.0024 J+	5.6E-05	0.00017	0.00021	0.002 J+	1.1E-06 J	0.0044 J	1.4E-05
2,3',4,4',5'-Pentachlorobiphenyl (PCB 123)	mg/Kg		0.0008 UJ+	3.5E-05 J+	1.4E-06 U	3.1E-06 U	4.2E-06 J	5.4E-05 J+	3.1E-07 U	5.2E-05 UJ+	5.5E-07 U
2,3,4,4',6-Pentachlorobiphenyl (PCB 115)	mg/Kg		--	--	--	--	--	0.00068	1.1E-06 J	--	--
2,3,4,4'-Tetrachlorobiphenyl (PCB 60)	mg/Kg		0.00057 J	0.00014 J+	4.7E-06 J	6.2E-06 J	4.7E-05	0.00018	3E-07 U	0.00022	4.3E-07 U
2,3',4,4'-Tetrachlorobiphenyl (PCB 66)	mg/Kg		0.0057	0.00059 J+	2.5E-05 J	3E-05 J	0.00015	0.00081	8.2E-07 J	0.001	3E-06 J
2,3',4,5,5'-Pentachlorobiphenyl (PCB 120)	mg/Kg		0.0007 U	1.6E-05 U	1.3E-06 U	3E-06 U	2.7E-06 U	1.4E-05 U	2.7E-07 U	4.5E-05 UJ+	4.8E-07 U
2,3',4,5',6-Pentachlorobiphenyl (PCB 121)	mg/Kg		0.00065 U	1.5E-05 U	1.2E-06 U	2.8E-06 U	2.6E-06 U	1.3E-05 U	2.5E-07 U	4.3E-05 UJ+	4.5E-07 U
2,3,4',5-Tetrachlorobiphenyl (PCB 63)	mg/Kg		8.9E-05 U	1.3E-05 J	1.3E-06 U	1.1E-06 J	4.9E-06 J	8.2E-06 J	2.7E-07 U	3.1E-05	3.8E-07 U
2,3',4,5-Tetrachlorobiphenyl (PCB 67)	mg/Kg		8.9E-05 U	7.5E-06 U	1.3E-06 U	1.1E-06 U	6.1E-06 J	6.5E-06 J	2.7E-07 U	2.1E-05	3.8E-07 U
2,3',4,5'-Tetrachlorobiphenyl (PCB 68)	mg/Kg		8.5E-05 U	7.1E-06 U	1.2E-06 U	1E-06 U	1.1E-06 U	3.1E-06 U	2.6E-07 U	7.3E-06 U	3.6E-07 U
2,3,4',6-Tetrachlorobiphenyl (PCB 64)	mg/Kg		0.0027	9.2E-05 J+	1.2E-05 J	2.4E-05 J	5.2E-05	4.7E-05	3.1E-07 J	0.00055	1.6E-06 J
2,3,4'-Trichlorobiphenyl (PCB 22)	mg/Kg		9.1E-05 J	6.4E-05 J+	7.8E-06 J	6.5E-06 J	7.3E-05	3.6E-05	3.6E-07 U	0.00024	8.6E-07 J
2,3',4-Trichlorobiphenyl (PCB 25)	mg/Kg		3.2E-05 U	6.9E-06 J	1.2E-06 U	8.6E-07 U	5.9E-06 J	1.2E-05 J	3.2E-07 U	3.1E-05	3E-07 U
2,3',5,5'-Tetrachlorobiphenyl (PCB 72)	mg/Kg		9.2E-05 U	7.7E-06 U	1.3E-06 U	1.1E-06 U	1.2E-06 U	3.4E-06 U	2.8E-07 U	7.9E-06 U	3.9E-07 U
2,3',5',6-Tetrachlorobiphenyl (PCB 73)	mg/Kg		5.1E-05 U	1.5E-06 U	6.5E-07 U	5.4E-07 U	4.7E-07 U	3.8E-07 U	1.8E-07 U	1.2E-06 U	2.2E-07 U
2,3,5-Trichlorobiphenyl (PCB 23)	mg/Kg		3.1E-05 U	3.5E-06 U	1.2E-06 U	8.3E-07 U	1.9E-06 U	3.3E-06 U	3.1E-07 U	8.5E-06 U	2.9E-07 U

Table 3-7. Soil Summary - PCBs
Soil Samples-Areas 5 and 8
TIMET
Henderson, Nevada

		Site Area	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8
		PSA (If Applicable)	Drainage Ditches	DrainageDitches	None	None	PSA-35	None	None	None	None
		Location	Alpha Line	DD-B-10	NE-B-1	NE-B-2	NE-B-3	NE-B-6	NE-B-6	NE-B-7	NE-B-7
		Sample Name	AL-2	DD-B-10_SS	NE-B-1_SS	NE-B-2_SS	NE-B-3_SS	NE-B-6 0-0.5	NE-B-6 5.0-6.5	NE-B-7 0-0.5	NE-B-7 5.0-6.5
		Start Depth	2	0	0	0	0	0	5	0	5
		End Depth	2.5	0.5	0.5	0.5	0.5	0.5	6.5	0.5	6.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	7/30/2014	12/4/2013	11/22/2013	11/22/2013	11/22/2013	3/20/2014	3/20/2014	3/20/2014	3/20/2014
		Parent Sample									
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL									
2,3',5'-Trichlorobiphenyl (PCB 34)	mg/Kg		3.3E-05 U	3.6E-06 U	1.2E-06 U	8.6E-07 U	2E-06 U	3.4E-06 U	3.2E-07 U	8.8E-06 U	3E-07 U
2,3,6-Trichlorobiphenyl (PCB 24)	mg/Kg		4.1E-05 U	1.5E-06 U	1.1E-06 U	1.1E-06 U	7.4E-07 U	7.6E-07 J	3.4E-07 U	4.1E-06 J	3.7E-07 U
2,3',6-Trichlorobiphenyl (PCB 27)	mg/Kg		4.1E-05 U	2.5E-06 J	1.1E-06 U	1.1E-06 U	3.7E-06 J	1.3E-06 J	3.4E-07 U	2.7E-05	3.7E-07 U
2,3-Dichlorobiphenyl (PCB 5)	mg/Kg		0.00031 U	1.2E-05 U	5.9E-06 U	5.6E-06 U	4.4E-06 U	2.7E-06 U	1.7E-06 U	5.3E-06 J	2E-06 U
2,3'-Dichlorobiphenyl (PCB 6)	mg/Kg		0.00031 U	4.3E-05 J+	5.9E-06 U	5.7E-06 U	4.4E-06 U	2.1E-05	1.7E-06 U	3.7E-05	2E-06 U
2,4',5-Trichlorobiphenyl (PCB 31)	mg/Kg		0.00031 J	0.00016 J+	1.6E-05 J	1.3E-05 J	0.00011	0.0001	5.9E-07 J	0.00047	2E-06 J
2,4',6-Trichlorobiphenyl (PCB 32)	mg/Kg		3.8E-05 J	9.5E-06 J	1.6E-06 J	2.8E-06 J	1.5E-05 J	5.1E-06 J	2.7E-07 U	8.8E-05	4.8E-07 J
2,4-Dichlorobiphenyl (PCB 7)	mg/Kg		0.00029 U	1.1E-05 U	5.5E-06 U	5.3E-06 U	4.1E-06 U	4.2E-06 J	1.6E-06 U	3.3E-06 J	1.8E-06 U
2,4'-Dichlorobiphenyl (PCB 8)	mg/Kg		0.00031 U	8.2E-05 J+	5.8E-06 U	5.5E-06 U	2E-05 J	9.6E-05	1.7E-06 U	0.00013	1.9E-06 U
2,5-Dichlorobiphenyl (PCB 9)	mg/Kg		0.00033 U	2.3E-05 J	6.2E-06 U	6E-06 U	4.6E-06 U	1E-05 J	1.8E-06 U	1.3E-05 J	2.1E-06 U
2,6-Dichlorobiphenyl (PCB 10)	mg/Kg		0.00015 U	3.2E-05 U	1.6E-05 U	1.7E-05 U	8.9E-06 U	2E-06 U	3.2E-06 U	3E-06 U	4E-06 U
2-Chlorobiphenyl (PCB 1)	mg/Kg		1.2E-05 J	5.1E-05	5.1E-06 J	3.4E-06 J	7E-06 J	5.4E-05	2.2E-07 U	3.6E-05	2.5E-07 U
3,3',4,4',5,5'-Hexachlorobiphenyl (PCB 169)	mg/Kg		0.00019 UJ+	2.1E-05 J+	5.9E-07 U	1.1E-06 U	9.1E-07 U	5E-06 UJ+	3.7E-07 U	1.2E-05 J+	3.5E-07 U
3,3',4,4',5-Pentachlorobiphenyl (PCB 126)	mg/Kg		0.0012 UJ+	0.00011 J+	1.5E-06 U	4.3E-06	5.8E-06	3.3E-05 J+	3.8E-07 U	7.8E-05 J+	6.4E-07 U
3,3',4,4'-Tetrachlorobiphenyl (PCB 77)	mg/Kg		0.0006 J	0.00034 J+	1.5E-06 U	9.6E-06	3.2E-05	0.00017 J+	4.1E-07 U	0.00025 J+	5.6E-07 U
3,3',4,5,5'-Pentachlorobiphenyl (PCB 127)	mg/Kg		0.0008 U	1.8E-05 U	1.5E-06 U	3.5E-06 U	3.2E-06 U	1.6E-05 U	3.1E-07 U	5.2E-05 UJ+	5.5E-07 U
3,3',4,5-Tetrachlorobiphenyl (PCB 78)	mg/Kg		0.00011 U	9.1E-06 U	1.5E-06 U	1.3E-06 U	1.4E-06 U	4E-06 U	3.2E-07 U	9.3E-06 U	4.6E-07 U
3,3',4,5'-Tetrachlorobiphenyl (PCB 79)	mg/Kg		0.00066 J	3.1E-05 J	1.3E-06 U	3.5E-06 J	3.2E-06 J	3.4E-06 U	2.8E-07 U	1.6E-05 J	4E-07 U
3,3',4-Trichlorobiphenyl (PCB 35)	mg/Kg		3.8E-05 U	2.1E-05 J	1.4E-06 U	1E-06 U	6.8E-06 J	1.6E-05 J	2.2E-06 J	2.8E-05	3.5E-07 U
3,3',5,5'-Tetrachlorobiphenyl (PCB 80)	mg/Kg		8.9E-05 U	7.5E-06 U	1.3E-06 U	1.1E-06 U	1.2E-06 U	3.3E-06 U	2.7E-07 U	7.7E-06 U	3.8E-07 U
3,3',5-Trichlorobiphenyl (PCB 36)	mg/Kg		3.3E-05 U	3.7E-06 U	1.2E-06 U	8.8E-07 U	2E-06 U	3.5E-06 U	3.3E-07 U	9E-06 U	3.1E-07 U
3,3'-Dichlorobiphenyl (PCB 11)	mg/Kg		0.00032 U	2.7E-05 J	6.1E-06 U	5.8E-06 U	1.8E-05 J	2E-05 J	9.3E-06 J	3.7E-05	6E-06 J
3,4,4',5-Tetrachlorobiphenyl (PCB 81)	mg/Kg		0.00015 UJ+	1.6E-05 J+	1.4E-06 U	1.2E-06 U	1.4E-06 U	1.5E-05 J+	3.9E-07 U	1.1E-05 UJ+	5.6E-07 U
3,4,4'-Trichlorobiphenyl (PCB 37)	mg/Kg		0.00041 J	0.00026	4.6E-06 J	1.9E-05 J	9.4E-05	0.00043	4.5E-07 U	0.00046	1.5E-06 J
3,4,5-Trichlorobiphenyl (PCB 38)	mg/Kg		3.6E-05 U	4E-06 U	1.3E-06 U	9.4E-07 U	2.1E-06 U	3.7E-06 U	3.5E-07 U	9.6E-06 U	3.3E-07 U
3,4',5-Trichlorobiphenyl (PCB 39)	mg/Kg		3.3E-05 U	4.3E-06 J	1.3E-06 U	8.8E-07 U	2E-06 U	3.5E-06 U	3.3E-07 U	9.1E-06 U	3.1E-07 U
3,5-Dichlorobiphenyl (PCB 14)	mg/Kg		0.00027 U	1E-05 U	5.1E-06 U	4.9E-06 U	3.8E-06 U	2.4E-06 U	1.5E-06 U	2.2E-06 U	1.7E-06 U
3-Chlorobiphenyl (PCB 2)	mg/Kg		1E-05 J	3.1E-05 J	3.1E-06 J	1.8E-06 J	1E-05 J	2.9E-05	2.3E-07 U	3.1E-05	2.5E-07 U
4,4'-Dichlorobiphenyl (PCB 15)	mg/Kg		0.00047 U	0.0002 J+	5.8E-06 U	5.4E-06 U	4.9E-05	0.00065	2E-06 U	0.0003	2.3E-06 U
4-Chlorobiphenyl (PCB 3)	mg/Kg		2.4E-05 J	6.6E-05	8.1E-06 J	3E-06 J	4.2E-05 J	8.7E-05	2.4E-07 U	4.1E-05	2.6E-07 U
Decachlorobiphenyl (PCB 209)	mg/Kg		0.11	0.012 J	7.9E-05	0.002	0.0016	0.026 J	7.4E-06 J	0.043 J	0.00024
PCB 107/124	mg/Kg		0.0013 J	8.3E-05 J	2.8E-06 J	6.2E-06 J	9.1E-06 J	2.6E-05 J	2.8E-07 U	0.00013 J+	5E-07 U
PCB 108/124	mg/kg		--	--	--	--	--	--	--	--	--
PCB 110/115	mg/Kg		0.065	0.0016 J+	0.00011	0.00029	0.00026	0.00068	1.1E-06 J	0.006 J	1.7E-05 J
PCB 12/13	mg/Kg		0.00033 U	7.3E-05 J	6.2E-06 U	5.9E-06 U	4.6E-06 U	5.2E-05	1.8E-06 U	5.3E-05	2.1E-06 U
PCB 128/166	mg/Kg		0.01	0.00047	6.9E-06 J	5.6E-05 J	4.7E-05 J	0.00021	2.7E-07 U	0.001	3.3E-06 J
PCB 129/138/163	mg/Kg		0.07	0.0028	5.1E-05 J	0.00035	0.0003	0.0015	1.4E-06 J	0.0065 J	1.9E-05 J
PCB 134/143	mg/Kg		0.0031	5.6E-05 J	2.2E-06 J	1.3E-05 J	9.7E-06 J	2.9E-05 J	3.2E-07 U	0.00023	5.9E-07 U
PCB 135/151	mg/Kg		0.016	0.00034	1.5E-05 J	6.6E-05 J	6E-05 J	0.00011	2.9E-07 U	0.0014	3.1E-06 J
PCB 139/140	mg/Kg		0.00078 J	1.7E-05 J	1.1E-06 U	4E-06 J	4.2E-06 J	3E-05 J	2.7E-07 U	8.6E-05	5E-07 U
PCB 147/149	mg/Kg		0.043	0.00091	4.3E-05 J	0.00017	0.00016	0.00035	1E-06 J	0.0039	8E-06 J
PCB 153/168	mg/Kg		0.049	0.0019	4.1E-05 J	0.00022	0.0002	0.002	8.7E-07 J	0.0044 J	1.1E-05 J
PCB 156/157	mg/Kg		0.0089	0.00057 J+	5.8E-06 J	5.2E-05	4.6E-05	0.00044 J+	4E-07 U	0.00087 J+	2.7E-06 J
PCB 171/173	mg/Kg		0.006	0.00038	2.6E-06 J	3.3E-05 J	3.2E-05 J	0.00016	2.5E-07 U	0.00059	8.3E-07 J
PCB 18/30	mg/Kg		4.7E-05 U	3.6E-05 J	2.7E-06 J	5.3E-06 J	3.7E-05 J	1.5E-05 J	3.9E-07 U	0.00018	1.7E-06 J
PCB 180/193	mg/Kg		0.047	0.0043	2.6E-05 J	0.00028	0.00028	0.0028	7.7E-07 J	0.0046 J	8.4E-06 J
PCB 198/199	mg/Kg		0.0066	0.0017	6.5E-06 J	5.2E-05 J	6.9E-05 J	0.00031	3.5E-07 U	0.0011	2.1E-06 J
PCB 20/28	mg/Kg		0.0004 J	0.00017	1.7E-05 J	1.8E-05 J	0.00016	0.00076	1.2E-06 J	0.00067	2.9E-06 J
PCB 21/33	mg/Kg		4.2E-05 J	6.7E-05 J	8E-06 J	6.8E-06 J	7.7E-05 J	4.6E-05	3.5E-07 J	0.00026	1.1E-06 J
PCB 26/29	mg/Kg		3.3E-05 U	2.2E-05 J	1.2E-06 U	1.7E-06 J	1.6E-05 J	1.1E-05 J	3.2E-07 U	7.1E-05	4E-07 J
PCB 40/41/71	mg/kg		--	--	--	--	--	--	--	--	--
PCB 40/71	mg/Kg		0.00056 J	8.8E-05 J+	9.4E-06 J	1.8E-05 J	5.9E-05 J	3.2E-05 J	5E-07 J	0.00047	1.4E-06 J
PCB 43/73	mg/kg		--	--	--	--	--	--	--	--	--
PCB 44/47/65	mg/Kg		0.0072	0.00023 J+	2.8E-05 J	4E-05 J	0.0001 J	0.00022	8E-07 J	0.0013	5.1E-06 J

Table 3-7. Soil Summary - PCBs
Soil Samples-Areas 5 and 8
TIMET
Henderson, Nevada

		Site Area	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8	Area 8
		PSA (If Applicable)	Drainage Ditches	DrainageDitches	None	None	PSA-35	None	None	None	None
		Location	Alpha Line	DD-B-10	NE-B-1	NE-B-2	NE-B-3	NE-B-6	NE-B-6	NE-B-7	NE-B-7
		Sample Name	AL-2	DD-B-10_SS	NE-B-1_SS	NE-B-2_SS	NE-B-3_SS	NE-B-6 0-0.5	NE-B-6 5.0-6.5	NE-B-7 0-0.5	NE-B-7 5.0-6.5
		Start Depth	2	0	0	0	0	0	5	0	5
		End Depth	2.5	0.5	0.5	0.5	0.5	0.5	6.5	0.5	6.5
		Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft
		Sample Date	7/30/2014	12/4/2013	11/22/2013	11/22/2013	11/22/2013	3/20/2014	3/20/2014	3/20/2014	3/20/2014
		Parent Sample									
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL									
PCB 45/51	mg/kg		--	--	--	--	--	--	--	--	--
PCB 49/69	mg/Kg		0.0057	0.00012 J+	1.4E-05 J	1.4E-05 J	5.1E-05 J	5.1E-05	4.8E-07 J	0.00062	1.6E-06 J
PCB 50/53	mg/Kg		0.00041 J	1.6E-05 J	2.2E-06 J	5.6E-06 J	1E-05 J	5.6E-06 J	2.1E-07 U	0.00011	2.6E-07 U
PCB 59/62/75	mg/Kg		4.8E-05 U	1.5E-05 J	1.4E-06 J	2.8E-06 J	1.1E-05 J	1.9E-05 J	1.7E-07 U	7.7E-05	2.1E-07 U
PCB 61/70/74/76	mg/Kg		0.0093	0.0011 J+	7.6E-05 J	6.4E-05 J	0.00024	0.00076	1.3E-06 J	0.0024	7E-06 J
PCB 83/99	mg/kg		--	--	--	--	--	--	--	--	--
PCB 85/116	mg/kg		--	--	--	--	--	--	--	--	--
PCB 85/116/117	mg/Kg		0.0069	0.0002 J+	1.2E-05 J	2.5E-05 J	3.3E-05 J	0.00018	3E-07 U	0.00074	2.2E-06 J
PCB 86/87/97/109/119/125	mg/Kg		0.033	0.00076 J+	6.4E-05 J	0.00011 J	0.00013 J	0.00035	3.1E-07 U	0.0029	7.2E-06 J
PCB 88/91	mg/Kg		0.0062	7.5E-05 J	1.1E-05 J	1.9E-05 J	2E-05 J	3.5E-05 J	3.4E-07 U	0.0005 J+	1.1E-06 J
PCB 90/101/113	mg/Kg		0.057	0.00097 J+	9.8E-05 J	0.00015	0.00017	0.00043	7.6E-07 J	0.0042	1.2E-05 J
PCB 93/100	mg/Kg		0.0009 U	2E-05 U	1.7E-06 U	3.9E-06 U	3.5E-06 U	1.8E-05 U	3.4E-07 U	5.9E-05 UJ+	6.1E-07 U
PCB 98/102	mg/Kg		0.00083 U	1.9E-05 U	1.6E-06 U	3.6E-06 U	3.6E-06 J	1.7E-05 U	3.2E-07 U	5.8E-05 J+	5.7E-07 U
Total Dichlorobiphenyl	mg/Kg		0.00047 U	0.00045 J+	2.8E-05 U	3.1E-05 U	8.6E-05 J	0.00088	9.3E-06 J	0.00063	6E-06 J
Total Heptachlorobiphenyl	mg/Kg		0.16	0.013 J+	8.4E-05 J	0.00091 J+	0.00091 J+	0.0053	7.7E-07 J	0.016	2.5E-05 J
Total Hexachlorobiphenyl	mg/Kg		0.27 J	0.0095 J+	0.00022 J	0.0013	0.0011	0.0058	3.2E-06 J	0.025	5.5E-05 J
Total Monochlorobiphenyl	mg/Kg		4.6E-05 J	0.00015 J	1.6E-05 J	8.1E-06 J	6E-05 J	0.00017 J	2.4E-07 U	0.00011 J	2.6E-07 U
Total Nonachlorobiphenyl	mg/Kg		0.0063 J	0.0026	1.5E-05 J	0.00015 J	0.00022 J	0.0054	3.9E-07 U	0.0024	7.5E-06 J
Total Octachlorobiphenyl	mg/Kg		0.027 J	0.0066	2.7E-05 J	0.00023 J	0.00031 J	0.004	4.1E-07 U	0.0042	7E-06 J
Total Pentachlorobiphenyl	mg/Kg		0.33	0.0093 J+	0.00055 J+	0.0012 J+	0.0013 J+	0.0056	3.6E-06 J	0.03 J	7.8E-05 J
Total Tetrachlorobiphenyl	mg/Kg		0.07 J	0.0036 J+	0.00025 J	0.00032 J	0.0011 J+	0.0026	5.4E-06 J	0.011 J	3E-05 J
Total Trichlorobiphenyl	mg/Kg		0.0013 J	0.00087 J+	5.8E-05 J	7.5E-05 J	0.00065 J+	0.0015	4.3E-06 J	0.0029	1.3E-05 J
Total PCBs (Lab calculated)	mg/Kg	0.83	0.97 J	0.058 J+	0.0013 J+	0.0061 J+	0.0073 J+	0.057	3.4E-05 J	0.13 J	0.00047 J
Total TEQ - Sum of Dioxin/Furan and PCB Congener	mg/Kg	0.001	0.00014 J	1.2E-05 J	2.6E-09	4.4E-07	3.3E-06 J	2.9E-05 J	8.7E-08 J	5E-05 J	1.3E-07 J
Total TEQ - Sum of Dioxin/Furan and PCB Congener	pg/g	1000	140 J	12 J	0.0026	0.44	3.3 J	29 J	0.087 J	50 J	0.13 J
Total TEQ-Dioxin/Furan only	mg/Kg	0.001	0.00013 J	--	--	--	2.7E-06 J	2.6E-05	8.7E-08 J	4.1E-05	1.3E-07 J
Total TEQ-Dioxin/Furan only	pg/g	1000	130 J	--	--	--	2.7 J	26	0.087 J	41	0.13 J
Total TEQ-PCB Congener Only	mg/Kg		2.3E-06 J	1.2E-05 J	2.6E-09	4.4E-07	6E-07	3.4E-06 J	3.3E-11 J	8.4E-06 J	7.6E-10 J
Total TEQ-PCB Congener Only	pg/g		2.3 J	12 J	0.0026	0.44	0.6	3.4 J	3.3E-05 J	8.4 J	0.00076 J

Notes:
-- = Sample not analyzed for this compound
* LCS or LCSD exceeds the control limits
+/- = suspected high or low bias
D = data reported from secondary dilution
J = estimated concentration
R = data rejected (qualifier may be used in conjunction with other qualifier)
U = analyte not detected above referenced laboratory limit
UJ = analyte not detected above referenced laboratory limit;
reporting limit may be inaccruate or imprecise
blue shading = analyte concentration exceeds
comparison level for Industrial Outdoor Worker BCL

Table 3-8. Soil Summary - Dioxins
Area 5 and Area 8 Soils
TIMET
Henderson, Nevada

			Site Area	Area 5	Area 5	Area 5	Area 5	Area 5	Area 5	Area 8	Area 8	Area 8	Area 8	Area 8
			PSA (if applicable)	DrainageDitches	DrainageDitches	DrainageDitches	FrancyMtn	FrancyMtn	FrancyMtn	Drainage Ditches	Drainage Ditches	PSA 35	None	None
			Location	DD-B-4	DD-B-8	DD-B-9	FM-SS-2	FM-SS-2	FM-SS-3	Alpha Line	Alpha Line	NE-B-3	NE-B-6	NE-B-6
			Sample Name	DD-B-4_SS	DD-B-8_SS	DD-B-9_SS	FM-SS-2_SS	FM-SS-2_SS DUP	FM-SS-3_SS	AL-1	AL-2	NE-B-3_SS	NE-B-6 0-0.5	NE-B-6 5.0-6.5
			Start Depth	0	0	0	0	0	0	5	2	0	0	5
			End Depth	0.5	0.5	0.5	0.5	0.5	0.5	5.5	2.5	0.5	0.5	6.5
			Depth Units	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft	ft
			Sample Date	12/2/2013	12/4/2013	12/3/2013	11/20/2013	11/20/2013	11/20/2013	7/30/2014	7/30/2014	11/22/2013	3/20/2014	3/20/2014
			Parent Sample					FM-SS-2_SS_11/20/13						
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL	NDEP LBCL DAF20											
1,2,3,4,5,6,7,8-Octachlorodibenzofuran (OCDF)	mg/Kg			0.037	0.0014	0.0066	0.0046 J	0.014 J-	0.1	0.0092	0.027	8.1E-05	0.00067	8E-06 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/Kg			0.00066	7.7E-05	0.00016	3.5E-05 J	0.00013 J-	0.00045	0.00015	0.0011	1E-05 J	7.3E-05 J+	5.4E-05 J+
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/Kg			0.0011	0.0002	0.00016	8.1E-05 J	0.00027 J-	0.00098	0.0003	0.0012	1.5E-05 J+	0.00014	1.2E-06 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/Kg			0.00011	2.2E-05	1.9E-05	3.8E-06 J	1.8E-05 J-	4.3E-05	2.3E-05 J	0.0002	1.9E-06 J	8.9E-06	2.3E-06 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/Kg			0.00039	6.6E-05	4E-05	4.2E-05 J	0.00015 J-	0.00048	8.3E-05	0.0004	3.2E-06 J	3.9E-05	5.5E-08 U
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/Kg			0.00056	9.2E-05	5E-05	7.2E-05 J	0.00025 J-	0.0007	8.1E-05	0.00047	6.1E-06 J	0.0001	1.5E-07 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/Kg			1E-05 J	2.1E-06 J	9.5E-07 J	3.8E-07 J	1.6E-06 J	3.6E-06 J	2E-06 J	1.7E-05 J	5.1E-08 U	2.7E-07 J	2.7E-08 U
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/Kg			0.00018	5.1E-05	2.1E-05	1.4E-05 J	5.6E-05 J-	0.00012	3.1E-05 J	0.00013	3E-06 J	2.9E-05	2.2E-08 U
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/Kg			1.9E-05	4.8E-06 J	2.3E-06 J	7.5E-07 J	3.6E-06 J	7E-06 J	3.6E-06 J	1.4E-05 J	4.8E-07 J	6.8E-07 J	1.1E-07 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/Kg			2.6E-05	6.1E-06 J	2.7E-06 J	2.2E-06 J	7.5E-06 J	2.3E-05	4.2E-06 J	1.9E-05 J	3.9E-07 J	3.6E-06 J	2.7E-08 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/Kg	0.000309		2E-05	4.3E-06 J	2.6E-06 J	5.7E-07 J	3.9E-06 J	6.6E-06 J	3.1E-06 J	1.5E-05 J	7E-07 J	1.1E-06 J	2E-08 U
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/Kg			0.00018	3.6E-05	1.6E-05	1.5E-05 J	5.8E-05 J-	0.00014	2.4E-05 J	0.00012	2.9E-06 J	3.1E-05	1.9E-08 U
1,2,3,7,8-Pentachlororodibenzo-p-dioxin (PeCDD)	mg/Kg			1.2E-05	2.5E-06 J	1.2E-06 J	4.7E-07 J	2.6E-06 J	4.2E-06 J	3.7E-06 U	5.6E-06 J	2E-07 J	5.3E-07 J	2.6E-08 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/Kg			7.8E-05	1.2E-05	8.3E-06 J	6.6E-06 J	2E-05 J-	5.6E-05	1.1E-05 J	4.3E-05 J	1.2E-06 J	1E-05	2.5E-08 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/Kg			0.0001	2.1E-05	9.7E-06 J	6.9E-06 J	2.7E-05 J-	6.1E-05	1.7E-05 J	5.7E-05	1.5E-06 J	2E-05	1.9E-08 U
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/Kg			0.00021	2.3E-05	1.8E-05	1.7E-05 J	7.5E-05 J-	0.00013	2.6E-05	8.5E-05	4.3E-06	1.5E-05	7.1E-08 J
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/Kg	0.001		5.1E-06	9.8E-07 J	6.9E-07 J	3.4E-07 J	1.1E-06 J	1.7E-06 J	2E-06 J	2.5E-06 J	1E-07 J	2.9E-07 J	2.1E-08 U

Notes:
-- = Sample not analyzed for this compound
* LCS or LCSD exceeds the control limits
+/- = suspected high or low bias
D = data reported from secondary dilution
J = estimated concentration
R = data rejected (qualifier may be used in conjunction with other qualifier)
U = analyte not detected above referenced laboratory limit
UJ = analyte not detected above referenced laboratory limit;
reporting limit may be inaccruate or imprecise
blue shading = analyte concentration exceeds
comparison level for Industrial Outdoor Worker BCL

Table 3-8. Soil Summary - Dioxins
Area 5 and Area 8 Soils
TIMET
Henderson, Nevada

			Site Area	Area 8	Area 8
			PSA (if applicable)	None	None
			Location	NE-B-7	NE-B-7
			Sample Name	NE-B-7 0-0.5	NE-B-7 5.0-6.5
			Start Depth	0	5
			End Depth	0.5	6.5
			Depth Units	ft	ft
			Sample Date	3/20/2014	3/20/2014
			Parent Sample		
Chemical Name	Units	NDEP Industrial Outdoor Worker BCL	NDEP LBCL DAF20		
1,2,3,4,5,6,7,8-Octachlorodibenzofuran (OCDF)	mg/Kg			0.0025	9.8E-06 J
1,2,3,4,6,7,8,9-Octachlorodibenzo-p-dioxin (OCDD)	mg/Kg			0.00023	8.3E-07 J
1,2,3,4,6,7,8-Heptachlorodibenzofuran (HpCDF)	mg/Kg			0.00027	1.3E-06 J
1,2,3,4,6,7,8-Heptachlorodibenzo-p-dioxin (HpCDD)	mg/Kg			3.8E-05	2.2E-07 J
1,2,3,4,7,8,9-Heptachlorodibenzofuran (HpCDF)	mg/Kg			8.4E-05	3.2E-07 J
1,2,3,4,7,8-Hexachlorodibenzofuran (HxCDF)	mg/Kg			0.00011	3E-07 J
1,2,3,4,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/Kg			3E-06 J	3.2E-08 J
1,2,3,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/Kg			5.1E-05	2E-07 J
1,2,3,6,7,8-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/Kg			7E-06	7.8E-08 J
1,2,3,7,8,9-Hexachlorodibenzofuran (HxCDF)	mg/Kg			6.5E-06	3.8E-08 U
1,2,3,7,8,9-Hexachlorodibenzo-p-dioxin (HxCDD)	mg/Kg	0.000309		6.9E-06	1.1E-07 J
1,2,3,7,8-Pentachlorodibenzofuran (PeCDF)	mg/Kg			4.4E-05	2.6E-07 J
1,2,3,7,8-Pentachlororodibenzo-p-dioxin (PeCDD)	mg/Kg			3.1E-06 J	3.1E-08 U
2,3,4,6,7,8-Hexachlorodibenzofuran (HxCDF)	mg/Kg			1.8E-05	3.6E-08 U
2,3,4,7,8-Pentachlorodibenzofuran (PeCDF)	mg/Kg			2.4E-05	3.3E-08 U
2,3,7,8-Tetrachlorodibenzofuran (TCDF)	mg/Kg			3.4E-05	2.5E-07 J
2,3,7,8-Tetrachlorodibenzo-p-dioxin (TCDD)	mg/Kg	0.001		1.3E-06	2.5E-08 U

Notes:
-- = Sample not analyzed for this compound
* LCS or LCSD exceeds the control limits
+/- = suspected high or low bias
D = data reported from secondary dilution
J = estimated concentration
R = data rejected (qualifier may be used in conjunction with other qualifier)
U = analyte not detected above referenced laboratory limit
UJ = analyte not detected above referenced laboratory limit;
reporting limit may be inaccruate or imprecise
blue shading = analyte concentration exceeds
comparison level for Industrial Outdoor Worker BCL

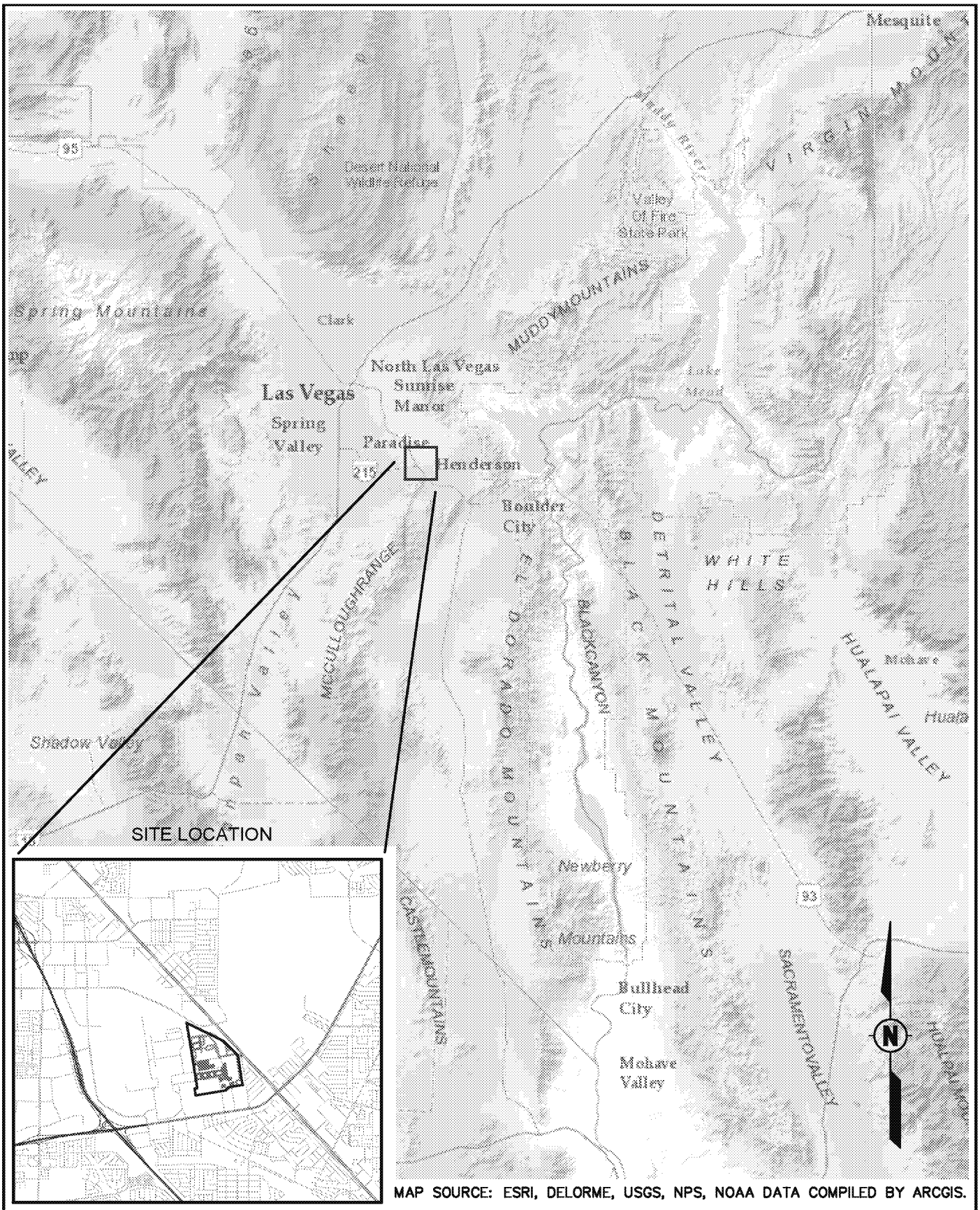
TABLE 3-9
ASBESTOS RESULTS (SURFACE SOIL) AND ANALYTICAL SENSITIVITIES
Area 5 and Area 8
Titanium Metals Corporation
Henderson, Nevada

Sample ID	Depth (ft bgs)	Sample Type	Sample Date	Analytical Sensitivity (10^6 s/gPM$_{10}$)	Concentration Total Protocol Structures[1]		Number of Protocol Structures[2]			
					Chrysotile (10^6 s/gPM$_{10}$)	Amphibole (10^6 s/gPM$_{10}$)	Chrysotile		Amphibole	
							Total	Long	Total	Long
DD-B-4	0	NORM	11/18/13	2.98	< 8.92 E+6	< 8.92 E+6	0	0	0	0
DD-B-8	0	NORM	11/18/13	2.97	< 8.90 E+6	< 8.90 E+6	0	0	0	0
DD-B-9	0	NORM	11/18/13	2.98	< 8.92 E+6	< 8.92 E+6	**1**	**1**	0	0
FM-SS-2	0	NORM	11/18/13	2.98	< 8.92 E+6	< 8.92 E+6	0	0	0	0
FM-SS-3	0	NORM	11/18/13	3.00	< 8.96 E+6	< 8.96 E+6	0	0	0	0
FM-SS-3-DUP	0	FD	11/18/13	2.96	< 8.85 E+6	< 8.85 E+6	0	0	0	0
NE-B-3	0	NORM	11/18/13	2.96	< 8.85 E+6	< 8.85 E+6	0	0	0	0

[1]Fiber dimensions are presented in the respective analytical reports for each sample.
[2]Only long structures (>10µm) present a potential risk and are used for estimating asbestos risks. Total fiber concentrations are presented for informational purposes only. Protocol structures are structures longer than 10 µm and thinner than 0.4 µm.

Figures

ED_002461_00000086-00069



MAP SOURCE: ESRI, DELORME, USGS, NPS, NOAA DATA COMPILED BY ARCGIS.

Titanium Metals Corporation 181 North Water Street Black Mountain Industrial Center Henderson, Nevada 89015	GEI Consultants	TIMET FACILITY LOCATION MAP
	Project 1323080	December 2014 Fig. 1-1

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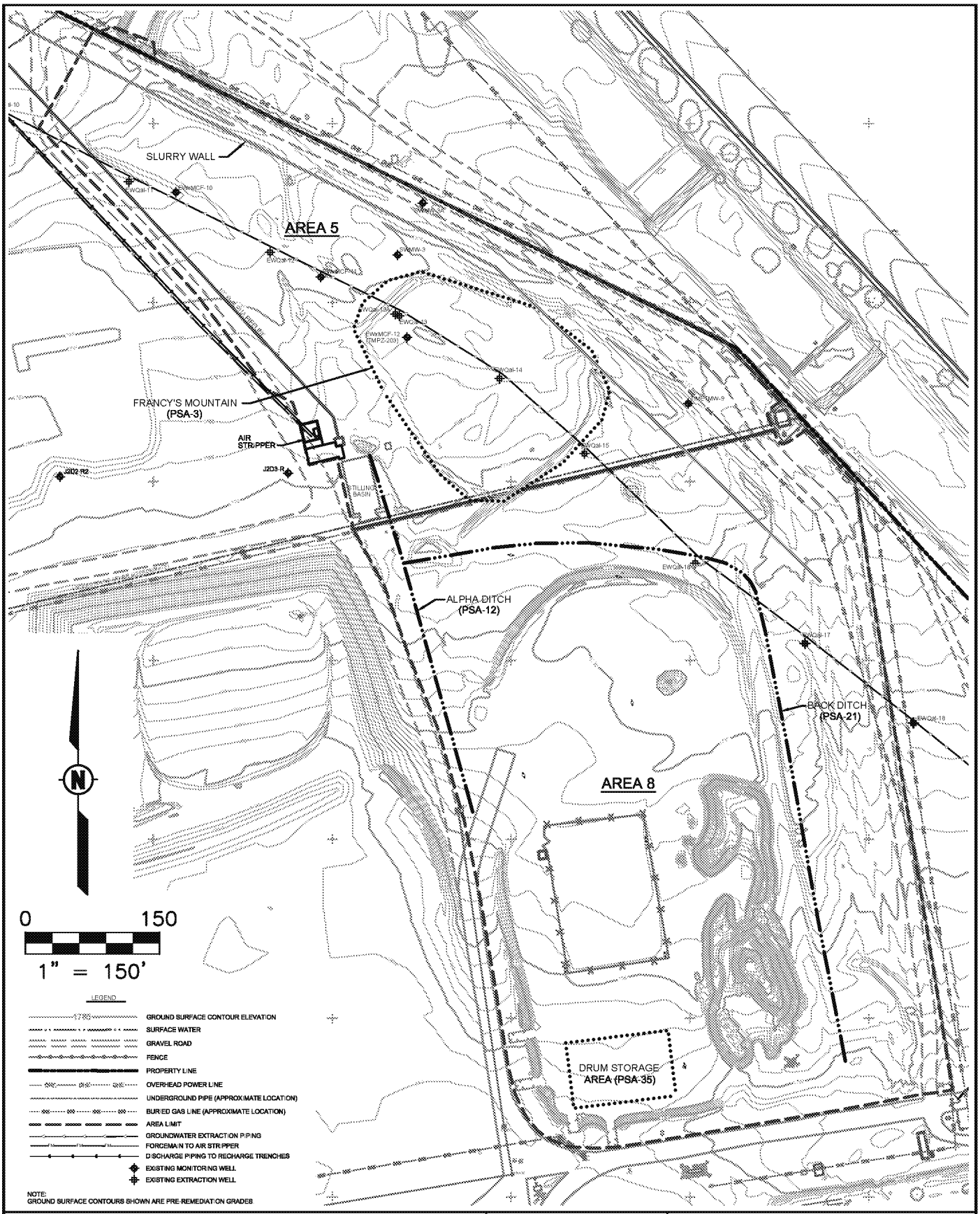

Titanium Metals Corporation
181 North Water Street
Black Mountain Industrial Center
Henderson, Nevada 89015

GEI Consultants

AREAS 5 & 8
LOCATION PLAN

Project 1323080 | December 2014 | Fig. 1-2

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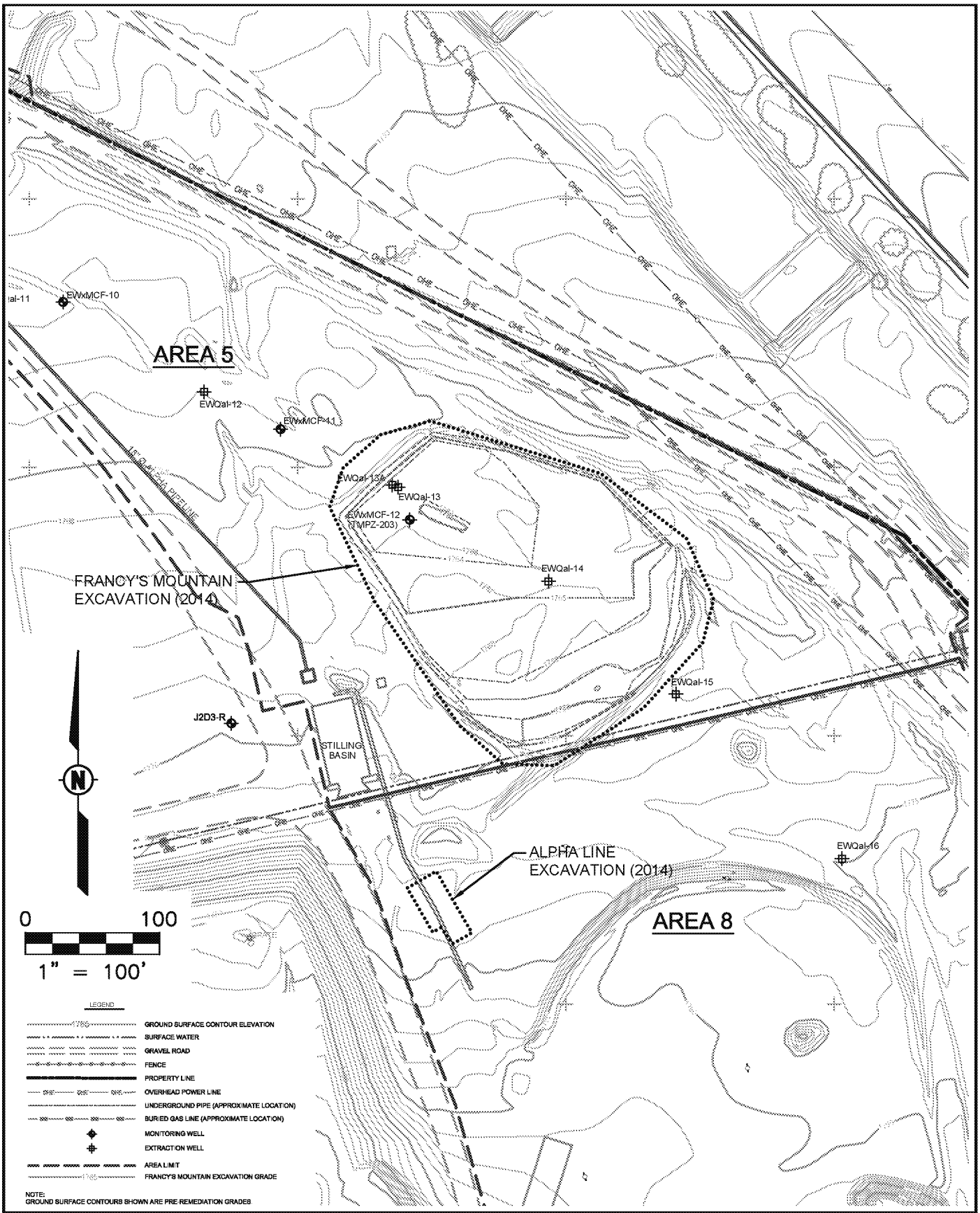

Titanium Metals Corporation
181 North Water Street
Black Mountain Industrial Center
Henderson, Nevada 89015

GEI Consultants

AREAS 5 & 8
FRANCY'S MOUNTAIN AND
ALPHA LINE EXCAVATIONS

Project 1323080 | December 2014 | Fig. 1-3

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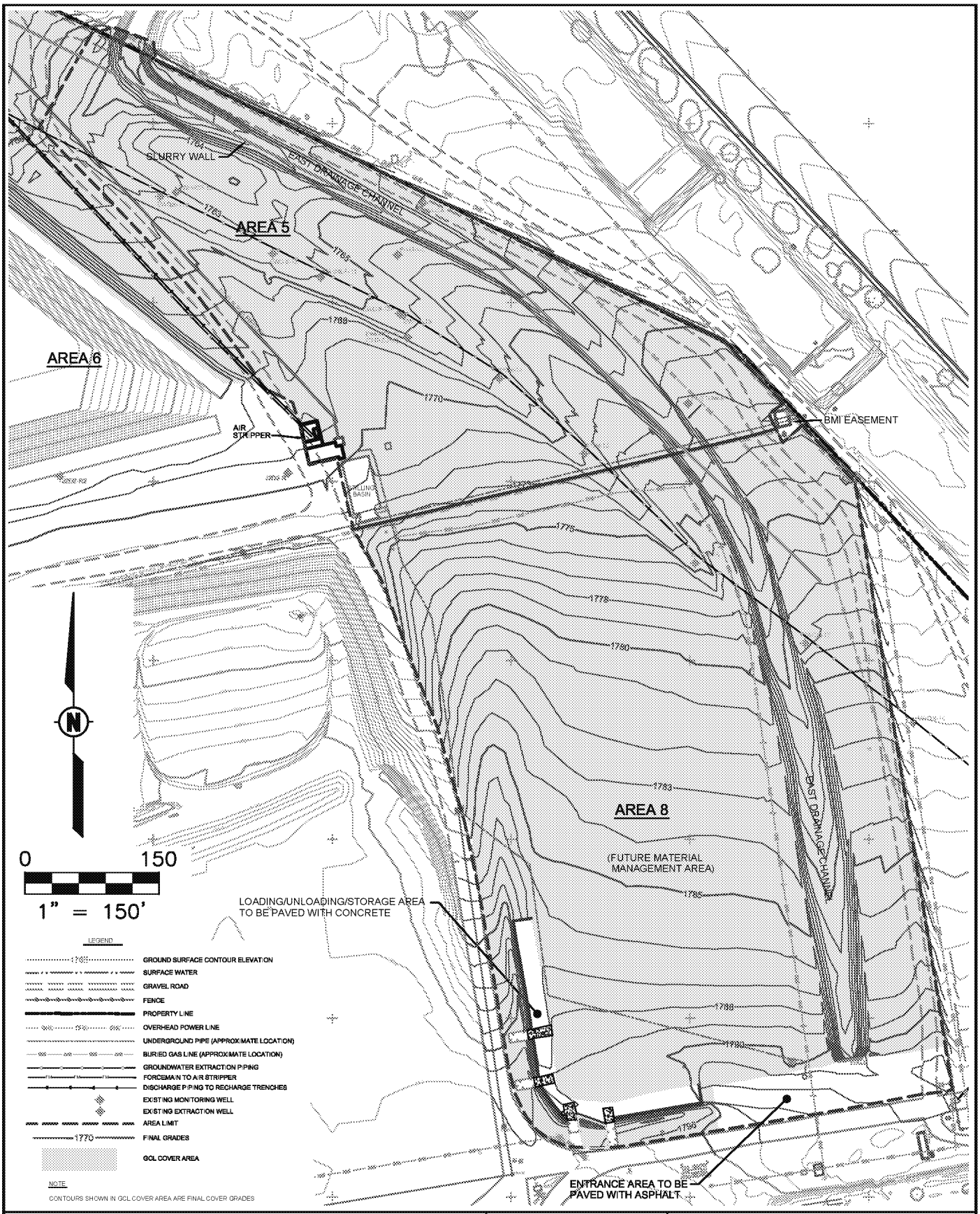

Titanium Metals Corporation
181 North Water Street
Black Mountain Industrial Center
Henderson, Nevada 89015

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AREAS 5 & 8
CURRENT CONDITIONS

Project 1323080 | December 2014 | Fig. 1-4

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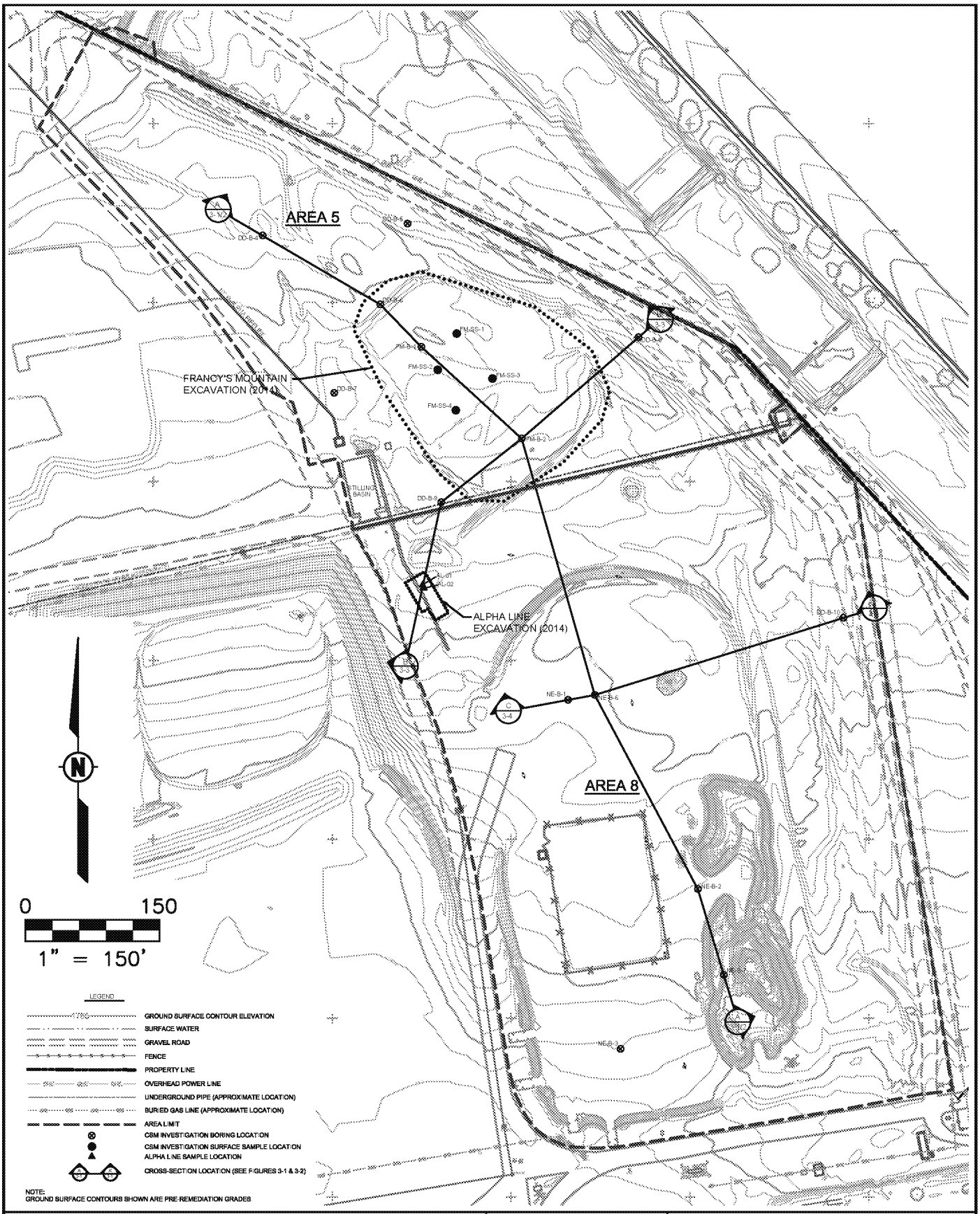

Titanium Metals Corporation
181 North Water Street
Black Mountain Industrial Center
Henderson, Nevada 89015

GEI Consultants

AREAS 5 & 8
SAMPLE LOCATIONS

Project 1323080 | December 2014 | Fig. 2-1

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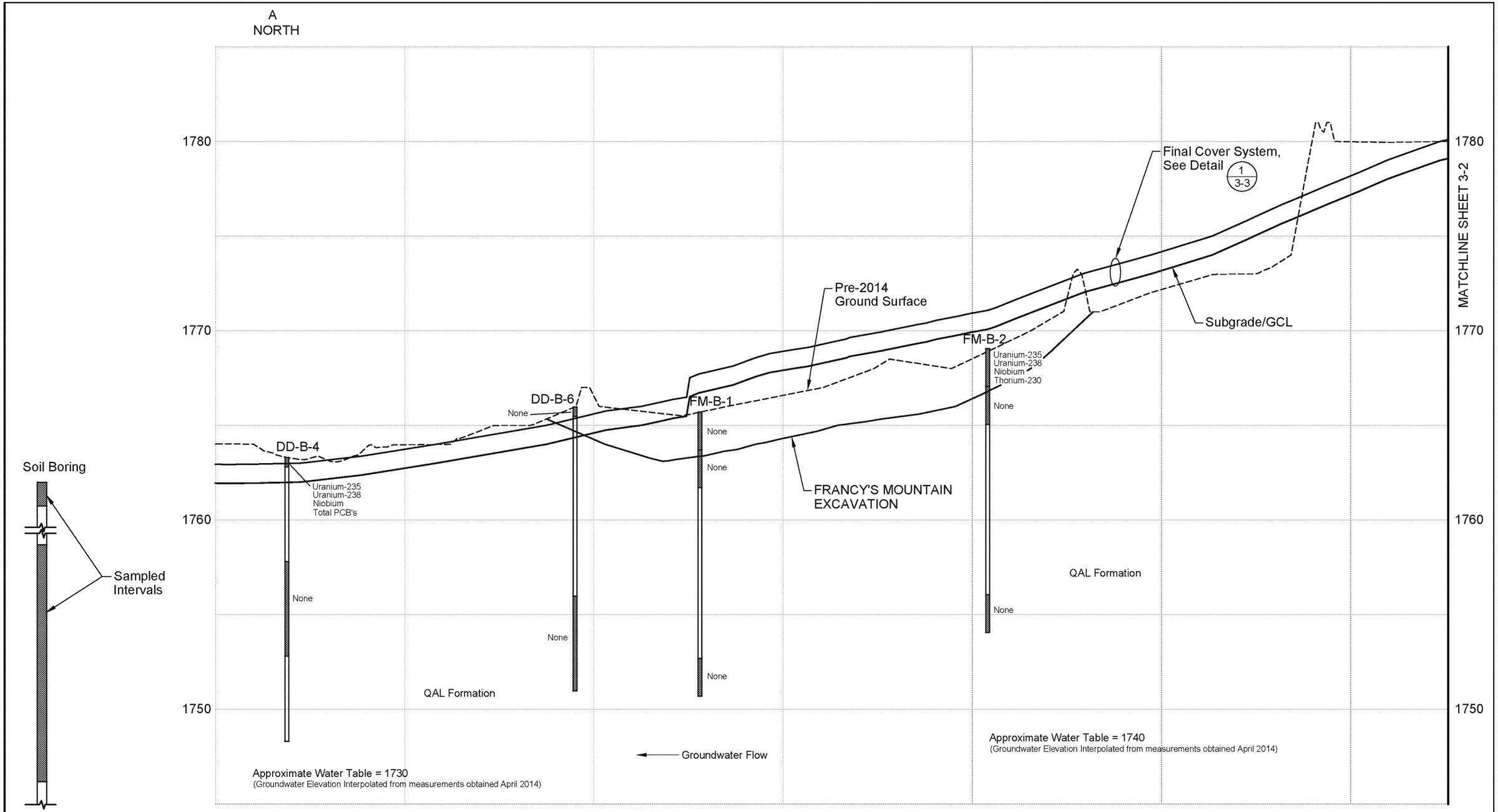

CROSS-SECTION A-A'

SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

Note:
Chemicals exceeding Basic Comparison Levels for Outdoor Industrial/Commercial Worker (non-cancer endpoint used for arsenic) are listed for each sampled interval.
Radium-226, Radium-228, and Thorium-228 exceed BCL's in all samples analyzed and are not listed.

Titanium Metals Corporation 181 North Water Street Black Mountain Industrial Center Henderson, Nevada 89015	GEI Consultants	AREAS 5 & 8 CROSS-SECTION A-A' (NORTH PORTION)
	Project 1323080	December 2014 Fig. 3-1

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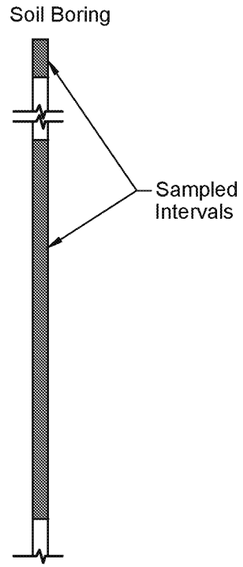
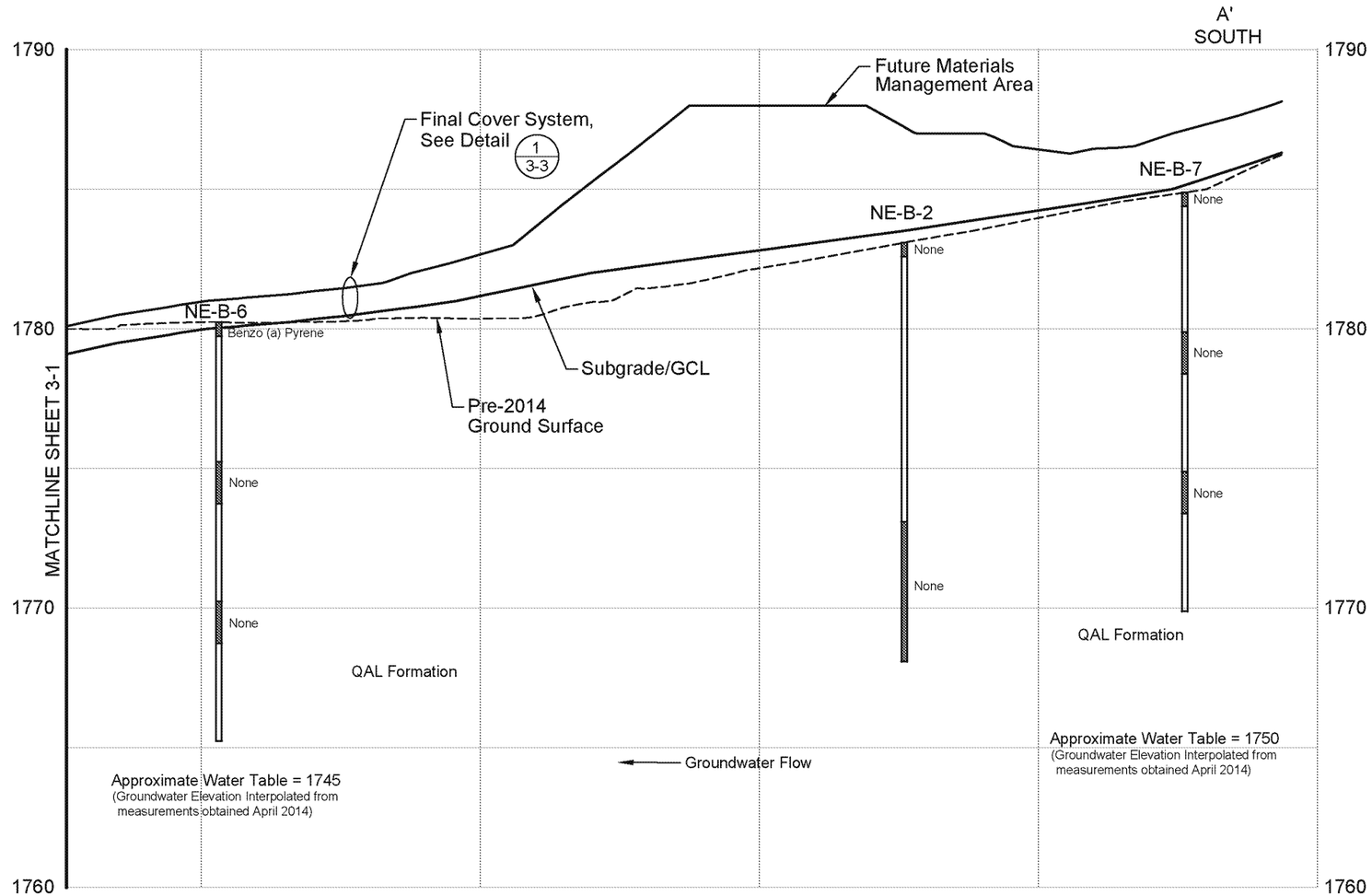




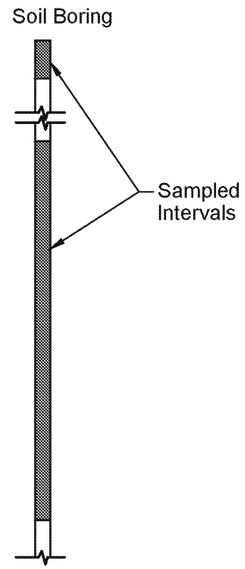
CROSS-SECTION A-A'

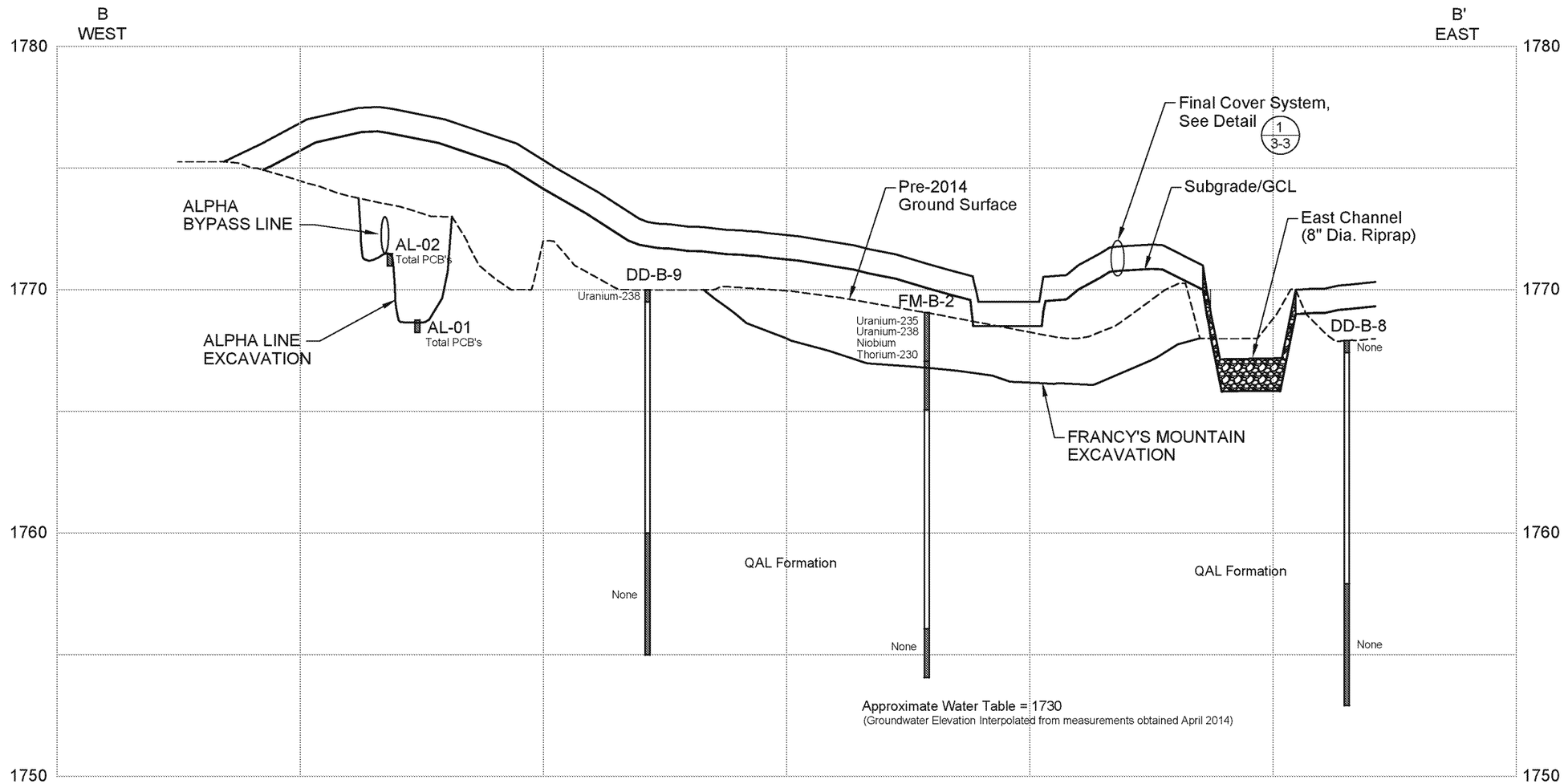
SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

Note:
Chemicals exceeding Basic Comparison Levels for Outdoor Industrial/Commercial Worker (non-cancer endpoint used for arsenic) are listed for each sampled interval.
Radium-226, Radium-228, and Thorium-228 exceed BCL's in all samples analyzed and are not listed.

Titanium Metals Corporation 181 North Water Street Black Mountain Industrial Center Henderson, Nevada 89015	GEI Consultants	AREAS 5 & 8 CROSS-SECTION A-A' (SOUTH PORTION)
	Project 1323080	December 2014 Fig. 3-2

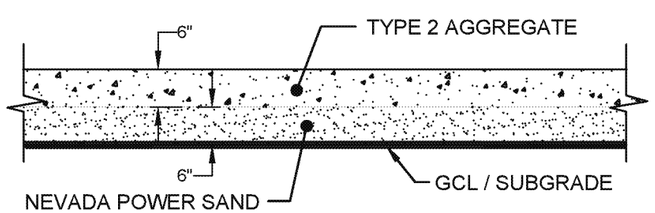
C:\GEI_Projects\Timet\NFA_Areas_5&8\Fig_3-1_3-4_Cross-Sections





CROSS-SECTION B-B'

SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

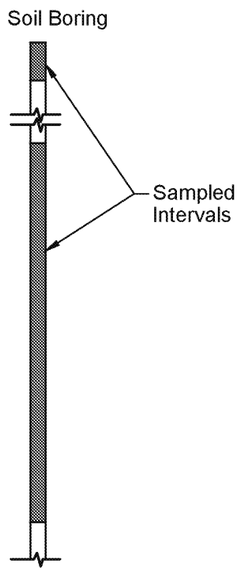


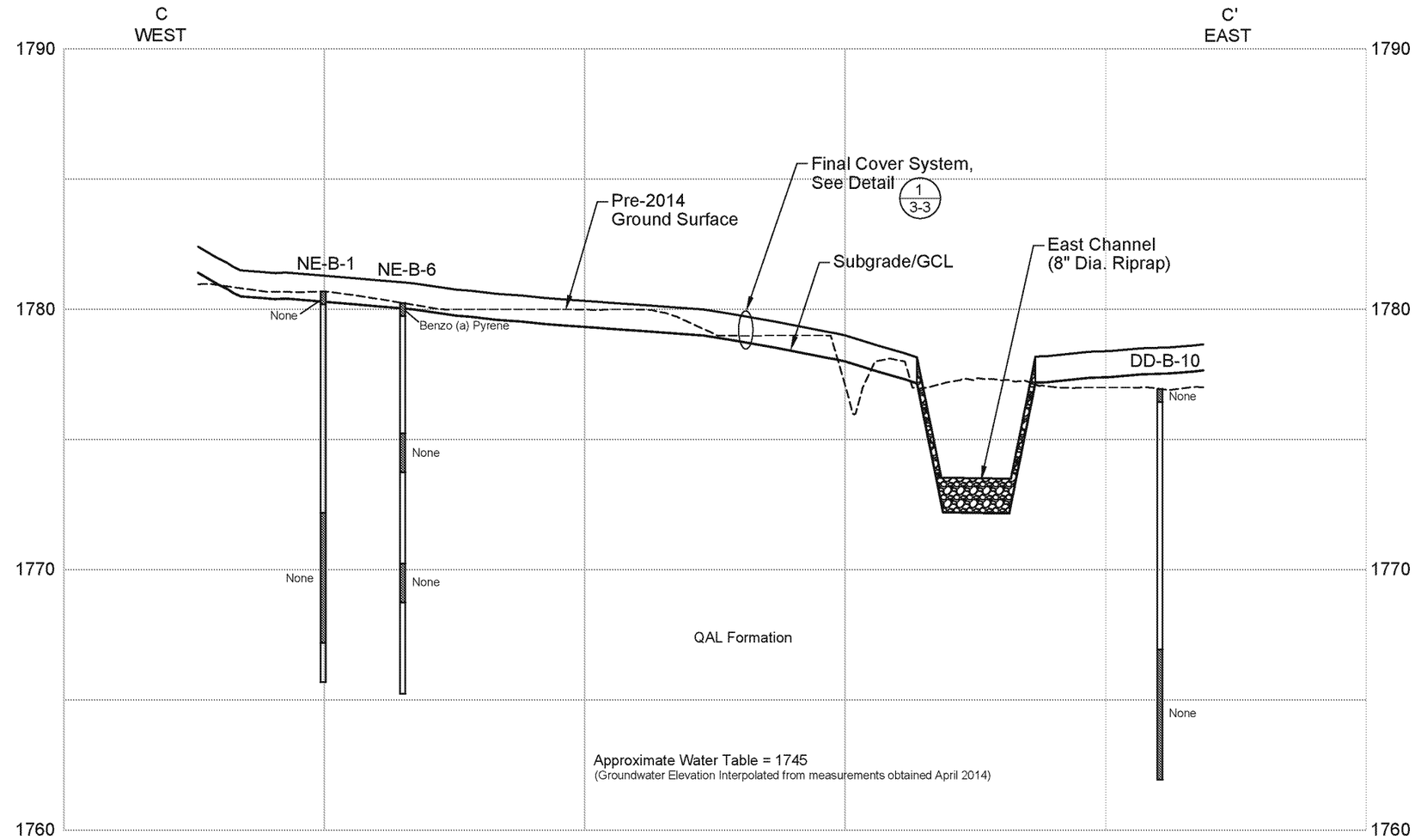
1/3-3 FINAL COVER DETAIL
SCALE: 1"=2'

Note:
Chemicals exceeding Basic Comparison Levels for Outdoor Industrial/Commercial Worker (non-cancer endpoint used for arsenic) are listed for each sampled interval.
Radium-226, Radium-228, and Thorium-228 exceed BCL's in all samples analyzed and are not listed.

Titanium Metals Corporation 181 North Water Street Black Mountain Industrial Center Henderson, Nevada 89015	GEI Consultants	AREAS 5 & 8 CROSS-SECTION B-B'
	Project 1323080	December 2014 Fig. 3-3

C:\GEI_Projects\Timet\NFA_Areas_5&8\Fig_3-1_3-4_Cross-Sections





CROSS-SECTION C-C'

SCALE: 1" = 50' HORIZ.
1" = 5' VERT.

Note:
Chemicals exceeding Basic Comparison Levels for Outdoor Industrial/Commercial Worker (non-cancer endpoint used for arsenic) are listed for each sampled interval.
Radium-226, Radium-228, and Thorium-228 exceed BCL's in all samples analyzed and are not listed.

Titanium Metals Corporation 181 North Water Street Black Mountain Industrial Center Henderson, Nevada 89015	GEI Consultants	AREAS 5 & 8 CROSS-SECTION C-C'
	Project 1323080	December 2014 Fig. 3-4

C:\GEI_Projects\Timet\NFA_Areas_5&8\Fig_3-1_3-4_Cross-Sections

Appendix A

Laboratory Reports

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.
TestAmerica St. Louis
13715 Rider Trail North
Earth City, MO 63045
Tel: (314)298-8566

TestAmerica Job ID: 160-5993-1
Client Project/Site: TIMET
Revision: 1

For:
GEI Consultants, Inc.
311 B Avenue
Suite F
Lake Oswego, Oregon 97034

Attn: Mr. Marc Chartier

Kathryn Smith

Authorized for release by:
5/23/2014 2:30:10 PM

Kathryn Smith, Project Manager II
(912)354-7858
kathy.smith@testamericainc.com

LINKS

Review your project results through TotalAccess

Have a Question? Ask The Expert

Visit us at: www.testamericainc.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Job ID: 160-5993-1

Laboratory: TestAmerica St. Louis

Narrative

CASE NARRATIVE

Client: GEI Consultants, Inc.

Project: TIMET

Report Number: 160-5993-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In some cases, due to interference or analytes present at high concentrations, samples were diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

TestAmerica St. Louis attests to the validity of the laboratory data generated by TestAmerica facilities reported herein. All analyses performed by TestAmerica facilities were done using established laboratory SOPs that incorporate QA/QC procedures described in the application methods. TestAmerica's operations groups have reviewed the data for compliance with the laboratory QA/QC plan, and data have been found to be compliant with laboratory protocols unless otherwise noted below.

The test results in this report meet all NELAP requirements for parameters for which accreditation is required or available. Any exceptions to NELAP requirements are noted in this report. Pursuant to NELAP, this report may not be reproduced, except in full, without the written approval of the laboratory.

Calculations are performed before rounding to avoid round-off errors in calculated results.

All holding times were met and proper preservation noted for the methods performed on these samples, unless otherwise detailed in the individual sections below.

All solid sample results for Chemistry analyses are reported on an "as received" basis unless otherwise indicated by the presence of a % solids value in the method header. All soil/sediment sample results for radiochemistry analyses are based upon sample as dried and disaggregated with the exception of tritium, carbon-14, and iodine-129 by gamma spectroscopy unless requested as wet weight by the client."

This laboratory report is confidential and is intended for the sole use of TestAmerica and its client.

RECEIPT

The samples were received on 03/21/2014; the samples arrived in good condition, properly preserved and on ice. The temperatures of the 2 coolers at receipt time were 1.8° C and 2.1° C.

VOLATILE ORGANIC COMPOUNDS BY GC/MS

Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), NE-B-7 10.0-11.5 (160-5993-3), DD-B-12 5-10 (160-5993-4), NE-B-6 10.0-11.5 (160-5993-5), NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for Volatile Organic Compounds by GC/MS in accordance with EPA SW-846 Method 8260C. The samples were prepared and analyzed on 03/24/2014.

1,2-Dichloroethane-d4 (Surr) failed the surrogate recovery criteria low for NE-B-7 10.0-11.5 (160-5993-3). 4-Bromofluorobenzene (Surr) and Toluene-d8 (Surr) failed the surrogate recovery criteria high. Refer to the QC report for details.

Dichlorodifluoromethane failed the recovery criteria high for LCS 160-112057/2-A. Bromomethane failed the recovery criteria high for LCS 160-112329/2-A. Dichlorodifluoromethane failed the recovery criteria high for LCSD 160-112057/3-A. Acetonitrile and Bromomethane exceeded the RPD limit for LCSD 160-112329/3-A. Refer to the QC report for details.

Job ID: 160-5993-1 (Continued)

Laboratory: TestAmerica St. Louis (Continued)

Internal standard (ISTD) and surrogate response for the following samples were outside control limits: DD-B-12 5-10 (160-5993-4), NE-B-6 0-0.5 (160-5993-7), NE-B-6 10.0-11.5 (160-5993-5), NE-B-6 5.0-6.5 (160-5993-6), NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2). The samples were re-extracted and/or re-analyzed with passing results, and the re-analysis sets of data have been reported.

The internal standard (ISTD) response for the following sample was outside control limits: NE-B-7 10.0-11.5 (160-5993-3). The sample was re-extracted and/or re-analyzed with concurring results, and the original set of data has been reported.

No other difficulties were encountered during the Volatiles analysis.
All other quality control parameters were within the acceptance limits.

SEMIVOLATILE ORGANIC COMPOUNDS (GC/MS)
Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for Semivolatile Organic Compounds (GC/MS) in accordance with EPA SW-846 Method 8270D. The samples were prepared on 03/24/2014 and analyzed on 03/27/2014.

2-Fluorobiphenyl (Surr) failed the surrogate recovery criteria high for NE-B-7 0-0.5MS (160-5993-1MS).

Naphthalene failed the recovery criteria high for the MS/MSD of sample NE-B-7 0-0.5MS/MSD (160-5993-1) in batch 160-113346.

No other difficulties were encountered during the Semi-VOA analysis.
All other quality control parameters were within the acceptance limits.

PCB CONGENERS
Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), DD-B-12 5-10 (160-5993-4), NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for PCB Congeners in accordance with EPA 1668C. The samples were prepared on 03/24/2014 and analyzed on 04/12/2014.

Several analytes were detected in method blank MB 320-38915/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

The concentration of one or more analytes associated with the following sample exceeded the instrument calibration range: NE-B-6 0-0.5 (160-5993-7), NE-B-7 0-0.5 (160-5993-1). These analytes have been qualified; however, the peaks did not saturate the instrument detector. Historical data indicate that for the isotope dilution method, dilution and re-analysis will not produce significantly different results from those reported above the calibration range.

No other difficulties were encountered during the PCB Congeners analysis.
All other quality control parameters were within the acceptance limits.

DIOXINS AND FURANS (HRGC/HRMS)
Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), DD-B-12 5-10 (160-5993-4), NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for Dioxins and Furans (HRGC/HRMS) in accordance with SW-846 Method 8290A. The samples were prepared on 03/24/2014 and analyzed on 04/12/2014 and 04/15/2014.

2,3,4,7,8-PeCDF, OCDD and OCDF were detected in method blank MB 320-38892/1-A at levels that were above the method detection limit but below the reporting limit. The values should be considered estimates, and have been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

No other difficulties were encountered during the Dioxins and Furans analysis.
All other quality control parameters were within the acceptance limits.

TOTAL METALS (ICP)
Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), NE-B-7 10.0-11.5 (160-5993-3), NE-B-6 10.0-11.5 (160-5993-5),

Job ID: 160-5993-1 (Continued)

Laboratory: TestAmerica St. Louis (Continued)

NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for total metals (ICP) in accordance with EPA SW-846 Method 6010C. The samples were prepared on 03/24/2014 and analyzed on 04/09/2014.

Zinc was detected in method blank MB 160-112069/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

Antimony, Magnesium and Manganese failed the recovery criteria low for the MS of sample NE-B-7 0-0.5MS (160-5993-1) in batch 160-115734. Aluminum and Calcium failed the recovery criteria high.

For the MSD of sample NE-B-7 0-0.5MSD (160-5993-1) in batch 160-115734, Antimony and Iron failed the recovery criteria low. Aluminum, Barium, Calcium and Manganese failed the recovery criteria high. Also, Calcium exceeded the RPD limit.

Samples NE-B-7 0-0.5 (160-5993-1)[10X], NE-B-7 5.0-6.5 (160-5993-2)[10X], NE-B-7 10.0-11.5 (160-5993-3)[10X], NE-B-6 10.0-11.5 (160-5993-5)[10X], NE-B-6 5.0-6.5 (160-5993-6)[10X] and NE-B-6 0-0.5 (160-5993-7)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analysis.
All other quality control parameters were within the acceptance limits.

METALS (ICPMS)

Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), NE-B-7 10.0-11.5 (160-5993-3), NE-B-6 10.0-11.5 (160-5993-5), NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for metals (ICPMS) in accordance with EPA SW-846 Methods 6020A. The samples were prepared on 03/24/2014 and analyzed on 04/09/2014.

Niobium failed the recovery criteria low for the MS/MSD of sample NE-B-7 0-0.5MS/MSD (160-5993-1) in batch 160-115685.

Samples NE-B-7 0-0.5 (160-5993-1)[10X], NE-B-7 5.0-6.5 (160-5993-2)[10X], NE-B-7 10.0-11.5 (160-5993-3)[10X], NE-B-6 10.0-11.5 (160-5993-5)[10X], NE-B-6 5.0-6.5 (160-5993-6)[10X] and NE-B-6 0-0.5 (160-5993-7)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No other difficulties were encountered during the metals analysis.
All other quality control parameters were within the acceptance limits.

MERCURY

Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), NE-B-7 10.0-11.5 (160-5993-3), NE-B-6 10.0-11.5 (160-5993-5), NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for mercury in accordance with EPA SW-846 Method 7471B. The samples were prepared on 03/31/2014 and analyzed on 04/01/2014.

No difficulties were encountered during the mercury analysis.
All quality control parameters were within the acceptance limits.

ANIONS, ION CHROMATOGRAPHY

Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), NE-B-7 10.0-11.5 (160-5993-3), NE-B-6 10.0-11.5 (160-5993-5), NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for Anions, Ion Chromatography in accordance with EPA Method 300.0. The samples were leached on 04/09/2014 and analyzed on 04/10/2014.

Nitrate as N was detected in method blank MB 160-116569/23-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

Samples NE-B-7 0-0.5 (160-5993-1)[20X], NE-B-7 0-0.5 (160-5993-1)[500X], NE-B-7 5.0-6.5 (160-5993-2)[20X], NE-B-7 10.0-11.5 (160-5993-3)[20X], NE-B-6 10.0-11.5 (160-5993-5)[500X], NE-B-6 5.0-6.5 (160-5993-6)[20X], NE-B-6 5.0-6.5 (160-5993-6)[500X] and NE-B-6 0-0.5 (160-5993-7)[500X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

Job ID: 160-5993-1 (Continued)

Laboratory: TestAmerica St. Louis (Continued)

No other difficulties were encountered during the anions analysis.
All other quality control parameters were within the acceptance limits.

PERCENT SOLIDS
Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), NE-B-7 10.0-11.5 (160-5993-3), DD-B-12 5-10 (160-5993-4), NE-B-6 10.0-11.5 (160-5993-5), NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for percent solids in accordance with EPA Method 160.3 MOD. The samples were analyzed on 03/25/2014.

No difficulties were encountered during the % solids analysis.
All quality control parameters were within the acceptance limits.

GROSS ALPHA AND GROSS BETA RADIOACTIVITY
Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for Gross Alpha and Gross Beta Radioactivity in accordance with EPA 900.0. The samples were leached on 03/21/2014, prepared on 03/28/2014 and analyzed on 03/31/2014.

Gross Beta was detected in method blank MB 160-113284/1-A at a level exceeding the reporting limit. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

No other difficulties were encountered during the Gross Alpha/Beta analysis.
All other quality control parameters were within the acceptance limits.

RADIUM-226 BY GAMMA SPEC (21 DAY INGROWTH)
Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for Radium-226 by gamma spec (21 day ingrowth) in accordance with EPA 901.1. The samples were leached on 03/21/2014, prepared on 03/25/2014 and analyzed on 04/15/2014 and 04/16/2014.

Cesium-134, Cobalt-57, Cobalt-60, Protactinium-234 and Thorium-227 exceeded the RPD limit for the duplicate of sample NE-B-7 0-0.5DU (160-5993-1).

No other difficulties were encountered during the Gamma spec analysis.
All other quality control parameters were within the acceptance limits.

RADIUM-226 (GFPC)-21 DAY INGROWTH
Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for Radium-226 (GFPC)-21 day ingrowth in accordance with EPA 903. The samples were leached on 03/21/2014, prepared on 03/25/2014 and analyzed on 04/17/2014.

No difficulties were encountered during the Radium-226 (GFPC) analysis.
All quality control parameters were within the acceptance limits.

RADIUM-228 (GFPC)
Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for Radium-228 (GFPC) in accordance with EPA Method 904.0. The samples were leached on 03/21/2014, prepared on 03/25/2014 and analyzed on 04/16/2014.

No difficulties were encountered during the Radium-228 analysis.
All quality control parameters were within the acceptance limits.

ISOTOPIC THORIUM (ALPHA SPECTROMETRY)
Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for Isotopic Thorium (Alpha Spectrometry) in accordance with DOE A01R_Th. The samples were leached on 03/21/2014, prepared on 03/28/2014 and analyzed on 04/09/2014.

Thorium-230 was detected in method blank MB 160-113328/1-A at a level that was above the method detection limit but below the

Job ID: 160-5993-1 (Continued)

Laboratory: TestAmerica St. Louis (Continued)

reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

No other difficulties were encountered during the Isotopic Thorium analysis.
All other quality control parameters were within the acceptance limits.

ISOTOPIC URANIUM (ALPHA SPECTROMETRY)
Samples NE-B-7 0-0.5 (160-5993-1), NE-B-7 5.0-6.5 (160-5993-2), NE-B-6 5.0-6.5 (160-5993-6) and NE-B-6 0-0.5 (160-5993-7) were analyzed for Isotopic Uranium (Alpha Spectrometry) in accordance with DOE. The samples were leached on 03/21/2014, prepared on 03/28/2014 and analyzed on 04/09/2014.

Uranium-233/234 was detected in method blank MB 160-113334/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Refer to the QC report for details.

No other difficulties were encountered during the Isotopic Uranium analysis.
All other quality control parameters were within the acceptance limits.

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information

Client Contact: Ms. Andrea Brazell
Company: GEI Consultants, Inc.
Address: 1375 Peachtree Street NE Suite A15
City: Atlanta
State, Zip: GA, 30309
Phone: 404.592.0074 (direct) / 770.355.9276 (cell)
Email: abrazell@geiconsultants.com
Project Name: TIMET
Site:

Sampler: Jeff Shelkey
Phone: 516.317.0245 (cell)
Due Date Requested:
TAT Requested (days): 28 - Day with Prelims due in 15 days for non-Radiochemistry parameters
PO #: 1323980-11-2104
WO #:
Project #: 68011884
SSOW#:

Lab PM: Smith, Kathryn E
E-Mail: kathy.smith@testamericainc.com
Carrier Tracking No(s):
COC No: 680-51812-23156.1
Page: Page 1 of 1
Job #:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Interval	Area	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	910.0, 903.0, 904.0, A01R_Th (Radionuclides)	300, 6020A_TotU_Mass (Anions / Total Uranium)	901.1_Ra - (MOD) NORM Target List (Radionuclides)	8270D PAHs	8260D - SVOCs	6010C, 6020A, 7471B (Metals)	1668C (PCB Congeners)	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8290A (PCB Aroclors)	8290A (Dioxins and Furans)	Special Instructions/Note:
NE-B-7 0-0.5	3/20/14	0-0.5 ft	Northeast Property	0910	C/G	S			0	1	1	2	1	0	1	1	1	1	1	1	0	^	2x500g, 250g, 4x120g
																							60g 4x vial

Possible Hazard Identification: Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ■ Radiological ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ■ Archive Until GEI releases for disposal.

Deliverable Requested: I, II, III, IV, Other (specify) Level IV

Special Instructions/QC Requirements: VOCs were not composited prior to collection. ^ - Dioxins will be run from the PCB Congeners jar.

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	3-20-14 1330	GEI	[signature]	3/20/14 1330	TAS
[signature]	3/21/14 [illegible]	→	[signature]	3/21/14 0900	TA

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks:

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information

Client Contact: Ms. Andrea Brazell
Company: GEI Consultants, Inc.
Address: 1375 Peachtree Street NE Suite A15
City: Atlanta
State, Zip: GA, 30309
Phone: 404.592.0074 (direct) / 770.355.9276 (cell)
Email: abrazell@geiconsultants.com
Project Name: TIMET
Site:

Sampler: Jeff Shelkey
Phone: 516.317.0245 (cell)
Due Date Requested:
TAT Requested (days): 28 - Day with Prelims due in 15 days for non-Radiochemistry parameters
PO #: 1323080-11-2104
WO #:
Project #: 68011884
SSOW#:

Lab PM: Smith, Kathryn E
E-Mail: kathy.smith@testamericainc.com
Carrier Tracking No(s):
COC No: 580-51812-23156.1
Page: Page 1 of 1
Job #:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Interval	Area	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010, 903.0, 904.0, A01R_Th (Radionuclides)	300, 6020_Total_Mass (Anions / Total Uranium)	901.1_Ra - (MOD) NORM Target List (Radionuclides)	8270D PAHs	8270D - SVOCs	6010C, 6020A, 7471B (Metals)	1668C (PCB Congeners)	8260C - DLM 4.2 VOCs	8260C - DLM 4.2 VOCs	8260C - DLM 4.2 VOCs	8260C - DLM 4.2 VOCs	8290A (PCB Aroclors)	8290A (Dioxins and Furans)	Total Number of containers	Special Instructions/Note:
NE-B-7 5.0-6.5	3/20/14	5-6.5 ft	Northeast Property	0945	C/G	S		0	1	1	2	1	0	1	1	1	1	1	1	0	^		

Possible Hazard Identification: Non-Hazard, Flammable, Skin Irritant, Poison B, Unknown, Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): Return To Client, Disposal By Lab, Archive Until GEI releases for disposal.

Deliverable Requested: I, II, III, IV, Other (specify) Level IV

Special Instructions/QC Requirements: VOCs were not composited prior to collection. ^ - Dioxins will be run from the PCB Congeners list.

Empty Kit Relinquished by:
Date:
Time:
Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	3-20-14 1230	GEI	[signature]	3/20/14 1230	TA
[signature]	3/20/14 1400	TA	[signature]	3/21/14 0900	TA

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks:

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information

Client Contact: Ms. Andrea Brazell
Company: GEI Consultants, Inc.
Address: 1375 Peachtree Street NE Suite A15
City: Atlanta
State, Zip: GA, 30309
Phone: 404.592.0074 (direct) / 770.355.9276 (cell)
Email: abrazell@geiconsultants.com
Project Name: TIMET
Site:

Sampler: Jeff Shelkey
Phone: 516.317.0245 (cell)
Due Date Requested:
TAT Requested (days): 28 - Day with Prelims due in 15 days for non-Radiochemistry parameters
PO #: 1323080-11-2104
WO #:
Project #: 68011884
SSOW#:

Lab PM: Smith, Kathryn E
E-Mail: kathy.smith@testamericainc.com
Carrier Tracking No(s):
COC No: 580-51812-23156.1
Page: Page 1 of 1
Job #:

Analysis Requested

Sample Identification	Sample Date	Sample Interval	Area	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	6010, 6014.6, A01R_Th (Radionuclides)	300, 5020_TotU_Mass (Anions / Total Uranium)	904.1_Ra - (MOD) NORM Target List (Radionuclides)	8270D PAHs	8270D - SVOCs	6010C, 6020A, 7471B (Metals)	1668C (PCB Congeners)	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8081A (POB Aroclors)	8290A (Dioxins and Furans)	Total Number of containers	Special Instructions/Note:
					Preservation Codes:																		
NE-B-7 10.0-11.5	3/20/14	10-11.5ft	Northeast Property	1005	C/G	S			0	0	1	0	0	0	1	0	1	1	1	1	0	0	2x120ml, 6oz G
																							2x1ml

Preservation Codes:
A - HCL
B - NaOH
C - Zn Acetate
D - Nitric Acid
E - NaHSO4
F - MeOH
G - Amchlor
H - Ascorbic Acid
I - Ice
J - DI Water
K - EDTA
L - EDA
M - Hexane
N - None
O - AsNaO2
P - Na2O4S
Q - Na2SO3
R - Na2S2O3
S - H2SO4
T - TSP Dodecahydrate
U - Acetone
V - MCAA
W - pH 4-5
Z - other (specify)
Other:

Possible Hazard Identification: Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ■ Radiological ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ■ Archive Until GEI releases for disposal.

Deliverable Requested: I, II, III, IV, Other (specify) Level IV

Special Instructions/QC Requirements: VOCs were not composited prior to collection. ^ - Dioxins will be run from the PCB Congeners jar.

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	3-20-14 13:30	GEI	[signature]	3/20/14 [illegible]	[illegible]
[signature]	3/20/14 [illegible]	TE	[signature]	3/21/14 0930	TE

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Page 10 of 130

5/23/2014

ED_002461_00000086-00089

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information

Client Contact: Ms. Andrea Brazell
Company: GSI Consultants, Inc.
Address: 1375 Peachtree Street NE Suite A15
City: Atlanta
State, Zip: GA, 30309
Phone: 404.592.0074 (direct) / 770.355.9276 (cell)
Email: abrazell@gsiconsultants.com
Project Name: TIMET
Site:

Sampler: Jeff Shelkey
Phone: 516.317.0245 (cell)
Due Date Requested:
TAT Requested (days): 28 - Day with Prelims due in 15 days for non-Radiochemistry parameters
PO #: 1323080-11-2104
WO #:
Project #: 68011884
SSOW#:

Lab PM: Smith, Kathryn E
E-Mail: kathy.smith@testamericainc.com
Carrier Tracking No(s):
COC No: 680-51812-23156.1
Page: Page 1 of 1
Job #:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA
M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2SO3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Interval	Area	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Preservation Code:	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	300.0, 353.2, 353.2_NO2, 353.2_NO3	903.0, 903.1, 904.0, A013B_Th (Radionuclides)	300, 6020 Total_Mass (Actinides / Total Uranium)	901.1_Ra - (HDG) NORM Target List (Radionuclides)	8270D PAHs	8270D - SVOCs	6010C, 6020A, 7471B (Metals)	1668C (PCB Congeners)	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8082A (PCB Aroclors)	8290A (Dioxins and Furans)	Total Number of containers	Special Instructions/Note:
DD-B-12 5-10	3/19/14	5-10	Drainage Ditches	1520	C/G	S				0	0	0	0	0	0	0	0	1	1	1	1	0	0		604, 4xVOA

Possible Hazard Identification: Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ■ Radiological ☐

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ■ Archive Until GSI releases for disposal.

Deliverable Requested: I, II, III, IV, Other (specify) Level IV

Special Instructions/QC Requirements: VOCs were not composited prior to collection. * - Dioxins will be run from the PCB Congeners list.

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	3-20-14 13:30	GSI	[signature]	3/20/14 1330	TA
[signature]	3/20/14 1700	GSI	[signature]	3/21/14 0900	TA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information

Client Contact: Ms. Andrea Brazell
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Address: 1375 Peachtree Street NE Suite A15
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Phone: 404.592.0074 (direct) / 770.355.9276 (cell)
Email: abrazell@geiconsultants.com
Project Name: TIMET
Site:

Sampler: Jeff Shelkoy
Phone: 516.317.0245 (cell)
Due Date Requested:
TAT Requested (days): 28 - Day with Prelims due in 15 days for non-Radiochemistry parameters
PO #: 1329080-11-2104
WO #:
Project #: 68011884
SSOW#:

Lab PM: Smith, Kathryn E
E-Mail: kathy.smith@testamericainc.com
Carrier Tracking No(s):
COC No: 880-51812-23156.1
Page: Page 1 of 1
Job #:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Interval	Area	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	900.0, 903.0, 904.0, A01R_Th (Radionuclides)	908, 6020 - Total Uranium	901.1_Ra - (MOD) NORM Target List (Radionuclides)	8270D PAHs	8270D - SVOCs	8260D, 6020A, 7471B (Metals)	1668C (PCB Congeners)	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8082A (PCB Aroclors)	8290A (Dioxins and Furans)	Total Number of containers	Special Instructions/Note:
						Preservation Code:																	
NE-B-6 10.0-11.5	3/20/14	10-11.5 ft	Northeast Property	0830	C/G	S		0	0	1	0	0	0	1	0	1	1	1	1	0	0		8x 8oz, 6oz, 4x vial

Possible Hazard Identification: Non-Hazard, Flammable, Skin Irritant, Poison B, Unknown, Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): Return To Client, Disposal By Lab, Archive Until GEI releases for disposal.

Deliverable Requested: I, II, III, IV, Other (specify) Level IV

Special Instructions/QC Requirements: VOCs were not composited prior to collection. ^ - Dioxins will be run from the PCB Congeners jar.

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by	Date/Time	Company	Received by	Date/Time	Company
[signature]	3-20-14 1330	GEI	[signature]	3/20/14 1330	TA
[signature]	3/20/14 1600	TA	[signature]	3/21/14 0940	TA

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Page 12 of 130

5/23/2014

ED_002461_00000086-00091

TestAmerica Savannah
5102 LaRoche Avenue
Savannah, GA 31404
Phone (912) 354-7858 Fax (912) 352-0165

Chain of Custody Record

TestAmerica
THE LEADER IN ENVIRONMENTAL TESTING

Client Information

Client Contact: Ms. Andrea Brazell
Company: GEI Consultants, Inc.
Address: 1375 Peachtree Street NE Suite A15
City: Atlanta
State, Zip: GA, 30309
Phone: 404.592.0074 (direct) / 770.355.9276 (cell)
Email: abrazell@geiconsultants.com
Project Name: TIMET
Site:

Sampler: Jeff Shelkey
Phone: 516.317.0245 (cell)
Due Date Requested:
TAT Requested (days): 28 - Day with Prelims due in 15 days for non-Radiochemistry parameters
PO #: 1323080-11-2104
WO #:
Project #: 68011884
SSOW#:

Lab PM: Smith, Kathryn E
E-Mail: kathy.smith@testamericainc.com
Carrier Tracking No(s):
COC No: 680-51812-23156.1
Page: Page 1 of 1
Job #:

Analysis Requested

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - ph 4-5, Z - other (specify)
Other:

Sample Identification	Sample Date	Sample Interval	Area	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260, 9034, A01R_Th (Radionuclides)	3H, 9320_TotU_Mass (Ankons / Total Uranium)	9315_Ra = (LUCI) NORM Target List (Radionuclides)	8270D PAHs	8270D - SVOCs	6010C, 6020A, 7471B (Metals)	1668C (PCB Congeners)	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8082A (PCB Aroclors)	8290A (Dioxins and Furans)	Total Number of containers	Special Instructions/Note:
						Preservation Codes																	
NE-B-6 5.0-6.5	3/20/14	5-6.5 ft	Northeast Property	0800	C/G	S		0	1	1	2	1	0	1	1	1	1	1	1	0	^		

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ■ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ■ Archive Until GEI releases for disposal.

Deliverable Requested: I, II, III, IV, Other (specify) Level IV

Special Instructions/QC Requirements: VOCs were not composited prior to collection. ^ - Dioxins will be run from the PCB Congeners list.

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	3-20-14 1330	GEI	[signature]	3/20/14 1330	TA
Relinquished by: [signature]	3/20/14 [illegible]	TA	Received by: [signature]	3/21/14 0800	TA
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

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Savannah, GA 31404
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Chain of Custody Record

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Project Name: TIMET
Site:

Sampler: Jeff Shelkey
Phone: 516.317.0245 (cell)
Due Date Requested:
TAT Requested (days): 28 - Day with Prelims due in 15 days for non-Radiochemistry parameters
PO #: 1323080-11-2104
WO #:
Project #: 68011884
SSOW#:

Lab PM: Smith, Kathryn E
E-Mail: kathy.smith@testamericainc.com
Carrier Tracking No(s):
COC No: 680-51812-23156.1
Page: Page 1 of 1
Job #:

Analysis Requested

Sample Identification	Sample Date	Sample Interval	Area	Sample Time	Sample Type (C=comp, G=grab)	Matrix (Water, Solid, Oil/Waste, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	900.0, 903.0, 904.0, Ad/Ra_Th (Radionuclides)	900, 6020_Total_Mass (Anions / Total Uranium)	901.1_Ra - (SOD) NORM Target List (Radionuclides)	8270D PAHs	8270D - SVOCs	6010C, 6020A, 7471B (Metals)	1668C (PCB Congeners)	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8260C - OLM 4.2 VOCs	8290A (PCB Aroclors)	8290A (Dioxins and Furans)	Total Number of containers	Special Instructions/Note:
						Preservation Codes																	
NE-B-6 0-0.5	3/20/14	0-0.5 ft	Northeast Property	0715	C/G	S		0	1	1	2	1	0	1	1	1	1	1	1	0	^		

Preservation Codes:
A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA, M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
Other:

Possible Hazard Identification: ☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ■ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month): ☐ Return To Client ☐ Disposal By Lab ■ Archive Until GEI releases for disposal.

Deliverable Requested: I, II, III, IV, Other (specify) Level IV

Special Instructions/QC Requirements: VOCs were not composited prior to collection. ^ - Dioxins will be run from the PCB Congeners list.

Empty Kit Relinquished by: Date: Time: Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	3-20-14 13:30	GEI	[signature]	3/20/14 1330	TA
[signature]	3/20/14 1600	GEI	[signature]	8/21/14 0800	TA

Custody Seals Intact: Δ Yes Δ No
Custody Seal No.:
Cooler Temperature(s) °C and Other Remarks:

Login Sample Receipt Checklist

Client: GEI Consultants, Inc.

Job Number: 160-5993-1

Login Number: 5993
List Number: 1
Creator: Barnett, Eddie T

List Source: TestAmerica St. Louis

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	False	Containers for PCB/Dioxins received for -4 but not listed on COC.
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: GEI Consultants, Inc.

Job Number: 160-5993-1

Login Number: 5993
List Number: 321
Creator: Hytrek, Cheryl

List Source: TestAmerica Sacramento
List Creation: 03/22/14 11:01 AM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	True	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	N/A	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
*	ISTD response or retention time outside acceptable limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
*	LCS or LCSD exceeds the control limits
*	RPD of the LCS and LCSD exceeds the control limits
X	Surrogate is outside control limits

GC/MS Semi VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.
X	Surrogate is outside control limits
F1	MS and/or MSD Recovery exceeds the control limits
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Dioxin

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
q	The reported result is the estimated maximum possible concentration of this analyte, quantitated using the theoretical ion ratio. The measured ion ratio does not meet qualitative identification criteria and indicates a possible interference.
B	Compound was found in the blank and sample.
U	Indicates the analyte was analyzed for but not detected.
G	The reported quantitation limit has been raised due to an exhibited elevated noise or matrix interference
E	Result exceeded calibration range.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.
B	Compound was found in the blank and sample.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.
F1	MS and/or MSD Recovery exceeds the control limits
F2	MS/MSD RPD exceeds control limits
E	Result exceeded calibration range.

General Chemistry

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
U	Indicates the analyte was analyzed for but not detected.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Rad

Qualifier	Qualifier Description
U	Result is less than the sample detection limit.
X	Carrier exceeds control limit

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Method Summary

Client: GEI Consultants, Inc.
Project/Site: TIMET

TestAmerica Job ID: 160-5993-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL SL
8270D	Semivolatile Organic Compounds (GC/MS)	SW846	TAL SL
1668C	Chlorinated Biphenyl Congeners (HRGC/HRMS)	EPA	TAL SAC
8290A	Dioxins and Furans (HRGC/HRMS)	SW846	TAL SAC
6010C	Metals (ICP)	SW846	TAL SL
6020A	Metals (ICP/MS)	SW846	TAL SL
7471B	Mercury in Solid or Semisolid Waste (Manual Cold Vapor Technique)	SW846	TAL SL
300.0	Anions, Ion Chromatography	MCAWW	TAL SL
Moisture	Percent Moisture	EPA	TAL SL
900.0	Gross Alpha and Gross Beta Radioactivity	EPA	TAL SL
901.1	Radium-226 & Other Gamma Emitters (GS)	EPA	TAL SL
903.0	Radium-226 (GFPC)	EPA	TAL SL
904.0	Radium-228 (GFPC)	EPA	TAL SL
A-01-R	Isotopic Thorium (Alpha Spectrometry)	DOE	TAL SL
A-01-R	Isotopic Uranium (Alpha Spectrometry)	DOE	TAL SL

Protocol References:

DOE = U.S. Department of Energy

EPA = US Environmental Protection Agency

MCAWW = "Methods For Chemical Analysis Of Water And Wastes", EPA-600/4-79-020, March 1983 And Subsequent Revisions.

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL SAC = TestAmerica Sacramento, 880 Riverside Parkway, West Sacramento, CA 95605, TEL (916)373-5600

TAL SL = TestAmerica St. Louis, 13715 Rider Trail North, Earth City, MO 63045, TEL (314)298-8566

Sample Summary

Client: GEI Consultants, Inc.
Project/Site: TIMET

TestAmerica Job ID: 160-5993-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
160-5993-1	NE-B-7 0-0.5	Solid	03/20/14 09:10	03/21/14 09:00
160-5993-2	NE-B-7 5.0-6.5	Solid	03/20/14 09:45	03/21/14 09:00
160-5993-3	NE-B-7 10.0-11.5	Solid	03/20/14 10:05	03/21/14 09:00
160-5993-4	DD-B-12 5-10	Solid	03/19/14 15:20	03/21/14 09:00
160-5993-5	NE-B-6 10.0-11.5	Solid	03/20/14 08:30	03/21/14 09:00
160-5993-6	NE-B-6 5.0-6.5	Solid	03/20/14 08:00	03/21/14 09:00
160-5993-7	NE-B-6 0-0.5	Solid	03/20/14 07:15	03/21/14 09:00