TABLES

Sample ID	Matrix	Depth (feet)	Task No. 83 Total Metals	Task No. 84 WET Extractio	Task No. 85 Solable Metals	Task No. 98 TPH-gas	Task No. 100 TPH-diesel	Task No. 106 Organochlorine Pesticides	Task No. 109 Organophosphorus Pesticides	Task No. 111 VOCs	Task No. 113 SVOCs	Task No. 119 Asbestos	Soil Samples	Water Samples
H-1	Soil	Surface	1	1	4	0	0	0	0	0	0	1	1	0
H-2	Soil	Surface	1	1	1	0	0	0	0	0	0	1	1	0
H-3	Soil	Surface	1	1	1	0	0	0	0	0	0	1	1	
H-4	Soil	Surface	1	1	3	0	0	0	0	0	0	1	1	
Y-1-0	Soil	Surface	1	0	0	0	0	1	1	0	1	0	1	
Y-1-1.5	Soil	1.5	1	0	0	0	0	1	1	0	1	0	1	
Y-1-3	Soil	3	1	0	0	0	0	1	1	0	1	0	1	
Y-2-0	Soil	Surface	1	0	0	0	0	1	1	0	1	0	1	
Y-2-1.5	Soil	1.5	1	0	0	0	0	1	1	0	1	0	1	
Y-2-3	Soil	3	1	0	0	0	0	1	1	0	1	0	1	
Y-3-0	Soil	Surface	1	0	0	0	0	1	1	0	1	0	1	
Y-3-1.5	Soil	1.5	1	0	0	0	0	1	1	0	1	0	1	
Y-3-3	Soil	3	1	0	0	0	0	1	1	0	1	0	1	
Y-4-0	Soil	Surface	1	0	0	0	0	1	1	0	1	0	1	
Y-4-1.5	Soil	1.5	1	0	0	0	0	1	1	0	1	0	1	
Y-4-3	Soil	3	1	0	0	0	0	1	1	0	1	0	1	
Y-5-0	Soil	Surface	1	1	1	0	0	1	1	0	1	0	1	
Y-5-1.5	Soil	1.5	1	0	0	0	0	1	1	0	1	0	1	
Y-5-3	Soil	3	1	0	0	0	0	1	1	0	1	0	1	
Y-6-0	Soil	Surface	1	0	0	0	0	1	1	0	1	0	1	
Y-6-1.5	Soil	1.5	1	0	0	0	0	1	1	0	1	0	1	
Y-6-3	Soil	3	1	0	0	0	0	1	1	0	1	0	1	
Y-7-0	Soil	Surface	1	0	0	0	0	1	1	0	1	0	1	
Y-7-1.5	Soil	1.5	1	0	0	0	0	1	1	0	1	0	1	
Y-7-3	Soil	3	1	0	0	0	0	1	1	0	1	0	1	
Y-8-0	Soil	Surface	1	0	0	0	0	1	1	0	1	0	1	
Y-8-1.5	Soil	1.5	1	0	0	0	0	1	1	0	1	0	1	
Y-8-3	Soil	3	1	0	0	0	0	1	1	0	1	0	1	
Y-9-0	Soil	Surface	1	0	0	0	0	1	1	0	1	0	1	
Y-9-1.5	Soil	1.5	1	0	0	0	0	1	1	0	1	0	1	
Y-9-3	Soil	3	1	0	0	0	0	1	1	0	1	0	1	
Y-10-0	Soil	Surface	1	0	0	0	0	1	1	0	1	0	1	
Y-10-1.5	Soil	1.5	1	0	0	0	0	1	1	0	1	0	1	
Y-10-3	Soil	3	1	0	0	0	0	1	1	0	1	0	1	
Y-11-0	Soil	Surface	1	0	0	0	0	1	1	0	1	0	1	
Y-11-1.5	Soil	1.5	1	0	0	0	0	1	1	0	1	0	1	
Y-11-3	Soil	3	1	0	0	0	0	1	1	0	1	0	1	
Y-12-0	Soil	Surface	1	0	0	0	0	1	1	0	1	0	1	
Y-12-1.5	Soil	1.5	1	0	0	0	0	1	1	0	1	0	1	
Y-12-3	Soil	3	1	0	0	0	0	1	1	0	1	0	1	

Summary of Samples Collected
Caltrans Task Order No. 11-199361-VB

Sample ID	Matrix	Depth (feet)	Task No. 83 Total Metals	Task No. 84 WET Extractio	Task No. 85 Soluble Metals	Task No. 98 TPH-gas	Task No. 100 TPH-diesel	Task No. 106 Organochlorine Pesticides	Task No. 109 Organophosphorus Pesticides	Task No. 111 VOCs	Task No. 113 SVOCs	Task No. 119 Asbestos	Soil Samples	Water Samples
G-1-0	Soil	Surface	0	0	0	0	0	0	0	1	1	0	1	
G-1-1.5	Soil	1.5	0	0	0	0	0	0	0	1	1	0	1	
G-1-3	Soil	3	0	0	0	0	0	0	0	1	1	0	1	
G-2-0	Soil	Surface	0	0	0	0	0	0	0	1	1	0	1	
G-2-1.5	Soil	1.5	0	0	0	0	0	0	0	1	1	0	1	
G-2-3	Soil	3	0	0	0	0	0	0	0	1	1	0	1	
G-3-0	Soil	Surface	0	0	0	0	0	0	0	1	1	0	1	
G-3-1.5	Soil	1.5	0	0	0	0	0	0	0	1	1	0	1	
G-3-3	Soil	3	0	0	0	0	0	0	0	1	1	0	1	
GW-1-0	Soil	Surface	0	0	0	0	0	0	0	1	1	0	1	
GW-1-6	Soil	6	0	0	0	0	0	0	0	1	1	0	1	
GWW-1	Water	5	0	0	0	0	0	0	0	1	1	0		1
AST-1-0	Soil	Surface	0	0	0	1	1	0	0	1	0	0	1	
AST-1-5	Soil	5	0	0	0	1	1	0	0	1	0	0	1	
AST-1-10	Soil	10	0	0	0	1	1	0	0	1	0	0	1	
ASTW-1	Water	5	0	0	0	1	1	0	0	1	0	0		1
AST-2-0	Soil	Surface	0	0	0	1	1	0	0	1	0	0	1	
AST-2-5	Soil	5	0	0	0	1	1	0	0	1	0	0	1	
AST-2-10	Soil	10	0	0	0	1	1	0	0	1	0	0	1	
ASTW-2	Water	5	0	0	0	1	1	0	0	1	0	0		1
AST-3-0	Soil	Surface	0	0	0	1	1	0	0	1	0	0	1	
AST-3-5	Soil	5	0	0	0	1	1	0	0	1	0	0	1	
AST-3-10	Soil	10	0	0	0	1	1	0	0	1	0	0	1	
ASTW-3	Water	5	0	0	0	1	1	0	0	1	0	0		1
AST-4-0	Soil	Surface	0	0	0	1	1	0	0	1	0	0	1	
AST-4-5	Soil	5	0	0	0	1	1	0	0	1	0	0	1	
AST-4-10	Soil	10	0	0	0	1	1	0	0	1	0	0	1	
ASTW-4	Water	5	0	0	0	1	1	0	0	1	0	0		1
AST-5-0	Soil	Surface	0	0	0	1	1	0	0	1	0	0	1	
AST-5-5	Soil	5	0	0	0	1	1	0	0	1	0	0	1	
AST-5-10	Soil	10	0	0	0	1	1	0	0	1	0	0	1	
ASTW-5	Water	5	0	0	0	1	1	0	0	1	0	0		1
AST-6-0	Soil	Surface	0	0	0	1	1	0	0	1	0	0	1	
AST-6-5	Soil	5	0	0	0	1	1	0	0	1	0	0	1	
AST-6-10	Soil	10	0	0	0	1	1	0	0	1	0	0	1	
AST-7-5	Soil	5	0	0	0	1	1	0	0	1	0	0	1	
AST-7-10	Soil	10	0	0	0	1	1	0	0	1	0	0	1	
ASTW-7	Water	5	0	0	0	1	1	0	0	1	0	0		1
AST-8-5	Soil	5	0	0	0	1	1	0	0	1	0	0	1	
AST-8-10	Soil	10	0	0	0	1	1	0	0	1	0	0	1	
AST-9-5	Soil	5	0	0	0	1	1	0	0	1	0	0	1	
AST-9-10	Soil	10	0	0	0	1	1	0	0	1	0	0	1	
AST-10-5	Soil	5	0	0	0	1	1	0	0	1	0	0	1	
AST-11-5	Soil	5	0	0	0	1	1	0	0	1	0	0	1	
AST-12-5	Soil	5	0	0	0	1	1	0	0	1	0	0	1	
AST-13-5	Soil	5	0	0	0	0	0	0	0	0	0	0	1	
Project Totals			**40**	**5**	**10**	**33**	**33**	**36**	**36**	**45**	**48**	**4**	**79**	**7**

Table 2
Soil Sample Results
Metals and Asbestos
Caltrans Task Order No. 11-199361-VB

Sample No.	Depth (ft)	Asbestos Content	Antimony	Arsenic	Barium	Barium	Barium*	Beryllium	Cadmium	Chromium	Cobalt	Copper	Copper	Lead	Lead	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc	Zinc
Units		%	mg/kg	mg/kg	mg/kg	mg/l	mg/l	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/l	mg/kg	mg/l	mg/l	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/l
H-1	Surface	ND	4.8	15	**3,300**	**100**	<5	<0.5	4.9	38	10	**460**	1.1	**11,000**	**520**	**16**	0.13	1.3	22	<3.5	<1	<2.5	19	**13,000**	**540**
H-2	Surface	ND	<3.5	11	840	NA	<5	0.59	1.8	19	5.2	200	NA	**1,700**	**21**	0.53	0.11	0.77	15	<3.5	<1	<2.5	20	1,700	NA
H-3	Surface	ND	<3.5	12	680	NA	6.6	0.55	7.2	20	6.0	110	NA	**2,500**	**190**	1.4	<0.1	0.85	16	<3.5	<1	<2.5	21	**2,700**	NA
H-4	Surface	ND	17	19	**2,500**	**310**	<5	<0.5	4.5	34	13	220	NA	**7,800**	**190**	1.1	<0.1	1.4	18	<3.5	<1	<2.5	19	**12,000**	**630**
Y-1-0	Surface	NA	<3.5	6.3	180	NA	NA	0.78	<0.5	12	5.2	16	NA	10	NA	NA	<0.1	<0.5	13	<3.5	<1	<2.5	21	46	NA
Y-1-1.5	1.5	NA	<3.5	6.4	190	NA	NA	0.80	<0.5	13	5.4	16	NA	9.5	NA	NA	<0.1	<0.5	14	<3.5	<1	<2.5	22	44	NA
Y-1-3	3	NA	<3.5	6.0	180	NA	NA	0.67	<0.5	10	5.8	15	NA	9.3	NA	NA	<0.1	0.64	13	<3.5	<1	<2.5	19	41	NA
Y-2-0	Surface	NA	<3.5	6.7	150	NA	NA	0.63	0.74	10	4.7	18	NA	25	NA	NA	<0.1	<0.5	12	<3.5	<1	<2.5	19	390	NA
Y-2-1.5	1.5	NA	<3.5	5.7	170	NA	NA	0.72	<0.5	11	5.1	16	NA	8.8	NA	NA	<0.1	<0.5	13	<3.5	<1	<2.5	20	40	NA
Y-2-3	3	NA	<3.5	6.0	170	NA	NA	0.73	<0.5	12	5.3	15	NA	8.6	NA	NA	<0.1	<0.5	13	<3.5	<1	<2.5	21	40	NA
Y-3-0	Surface	NA	<3.5	6.7	170	NA	NA	0.66	<0.5	11	4.7	17	NA	23	NA	NA	<0.1	<0.5	12	<3.5	<1	<2.5	18	63	NA
Y-3-1.5	1.5	NA	<3.5	3.4	120	NA	NA	<0.5	<0.5	6.1	2.9	4.8	NA	3.4	NA	NA	<0.1	<0.5	7.2	<3.5	<1	<2.5	12	19	NA
Y-3-3	3	NA	<3.5	4.2	130	NA	NA	<0.5	<0.5	6.0	3.3	5.3	NA	3.7	NA	NA	<0.1	<0.5	7.2	<3.5	<1	<2.5	12	20	NA
Y-4-0	Surface	NA	<3.5	7.1	160	NA	NA	0.59	<0.5	9.6	4.4	17	NA	23	NA	NA	<0.1	<0.5	11	<3.5	<1	<2.5	17	76	NA
Y-4-1.5	1.5	NA	<3.5	3.3	200	NA	NA	0.59	<0.5	10	4.6	16	NA	7.0	NA	NA	<0.1	<0.5	11	<3.5	<1	<2.5	17	35	NA
Y-4-3	3	NA	<3.5	3.6	190	NA	NA	<0.5	<0.5	8.6	5.1	11	NA	5.4	NA	NA	<0.1	<0.5	11	<3.5	<1	<2.5	16	32	NA
Y-5-0	Surface	NA	3.6	6.4	160	NA	NA	0.66	<0.5	11	4.7	16	NA	**88**	**5.4**	NA	<0.1	<0.5	12	<3.5	<1	<2.5	19	54	NA
Y-5-1.5	1.5	NA	<3.5	7.0	210	NA	NA	0.76	<0.5	12	5.2	15	NA	7.9	NA	NA	<0.1	<0.5	13	<3.5	<1	<2.5	21	39	NA
Y-5-3	3	NA	<3.5	3.6	130	NA	NA	<0.5	<0.5	6.3	2.9	4.5	NA	3.4	NA	NA	<0.1	<0.5	6.6	<3.5	<1	<2.5	12	18	NA
Y-6-0	Surface	NA	<3.5	6.3	160	NA	NA	0.79	<0.5	12	5.3	15	NA	8.5	NA	NA	<0.1	<0.5	14	<3.5	<1	<2.5	20	41	NA
Y-6-1.5	1.5	NA	<3.5	4.8	160	NA	NA	0.68	<0.5	11	4.6	15	NA	7.2	NA	NA	<0.1	<0.5	12	<3.5	<1	<2.5	18	35	NA
Y-6-3	3	NA	<3.5	3.7	130	NA	NA	<0.5	<0.5	6.6	3.2	5.6	NA	3.4	NA	NA	<0.1	<0.5	7.5	<3.5	<1	<2.5	12	19	NA
Y-7-0	Surface	NA	<3.5	9.4	170	NA	NA	0.77	<0.5	12	5.3	14	NA	8.7	NA	NA	<0.1	<0.5	13	<3.5	<1	<2.5	19	39	NA
Y-7-1.5	1.5	NA	<3.5	5.6	140	NA	NA	0.75	<0.5	13	5.2	15	NA	8.2	NA	NA	<0.1	<0.5	13	<3.5	<1	<2.5	20	39	NA
Y-7-3	3	NA	<3.5	5.7	150	NA	NA	<0.5	<0.5	8.8	4.0	11	NA	12	NA	NA	<0.1	<0.5	9.3	<3.5	<1	<2.5	15	32	NA
Y-8-0	Surface	NA	<3.5	8.7	61	NA	NA	<0.5	<0.5	8.0	3.7	10	NA	7.3	NA	NA	<0.1	<0.5	9.1	<3.5	<1	<2.5	14	26	NA
Y-8-1.5	1.5	NA	<3.5	5.8	180	NA	NA	0.72	<0.5	13	5.4	13	NA	7.8	NA	NA	<0.1	<0.5	13	<3.5	<1	<2.5	20	39	NA
Y-8-3	3	NA	<3.5	2.6	60	NA	NA	<0.5	<0.5	3.8	1.7	2.1	NA	1.6	NA	NA	<0.1	<0.5	3.7	<3.5	<1	<2.5	7.4	11	NA
Y-9-0	Surface	NA	<3.5	6.6	220	NA	NA	0.71	<0.5	12	5.5	15	NA	7.9	NA	NA	<0.1	<0.5	13	<3.5	<1	<2.5	21	40	NA
Y-9-1.5	1.5	NA	<3.5	3.9	120	NA	NA	<0.5	<0.5	6.1	2.9	4.7	NA	3.0	NA	NA	<0.1	<0.5	6.4	<3.5	<1	<2.5	12	18	NA
Y-9-3	3	NA	<3.5	3.8	140	NA	NA	<0.5	<0.5	6.2	3.2	5.7	NA	3.4	NA	NA	<0.1	<0.5	7.2	<3.5	<1	<2.5	12	20	NA
Y-10-0	Surface	NA	<3.5	6.4	160	NA	NA	0.84	<0.5	14	5.3	16	NA	8.3	NA	NA	<0.1	<0.5	14	<3.5	<1	<2.5	22	43	NA
Y-10-1.5	1.5	NA	<3.5	5.8	160	NA	NA	<0.5	<0.5	7.6	4.2	11	NA	5.0	NA	NA	<0.1	<0.5	9.7	<3.5	<1	<2.5	14	27	NA
Y-10-3	3	NA	<3.5	4.4	150	NA	NA	<0.5	<0.5	5.4	3.3	4.7	NA	3.3	NA	NA	<0.1	<0.5	7.3	<3.5	<1	<2.5	12	18	NA
Y-11-0	Surface	NA	<3.5	5.7	170	NA	NA	0.61	<0.5	10	4.5	22	NA	43	NA	NA	<0.1	<0.5	11	<3.5	<1	<2.5	17	64	NA
Y-11-1.5	1.5	NA	<3.5	5.1	150	NA	NA	0.72	<0.5	11	5.2	16	NA	8.2	NA	NA	<0.1	<0.5	13	<3.5	<1	<2.5	19	39	NA
Y-11-3	3	NA	<3.5	2.7	89	NA	NA	<0.5	<0.5	4.7	2.2	3.8	NA	2.2	NA	NA	<0.1	<0.5	5.0	<3.5	<1	<2.5	9.3	14	NA
Y-12-0	Surface	NA	<3.5	8.7	150	NA	NA	0.56	<0.5	11	4.0	13	NA	15	NA	NA	<0.1	<0.5	10	<3.5	<1	<2.5	17	40	NA
Y-12-1.5	1.5	NA	<3.5	3.4	110	NA	NA	<0.5	<0.5	6.3	2.8	4.4	NA	2.8	NA	NA	<0.1	<0.5	6.4	<3.5	<1	<2.5	12	18	NA
Y-12-3	3	NA	<3.5	4.1	150	NA	NA	<0.5	<0.5	9.3	4.5	8.7	NA	4.2	NA	NA	<0.1	<0.5	10	<3.5	<1	<2.5	17	25	NA
TTLC		NA	500	500	10,000	10,000	10,000	75	100	2,500	8,000	2,500	2,500	1,000	1,000	1,000	20	3,500	2,000	100	500	700	2,400	5,000	5,000
STLC (mg/l)		NA	15	5	100	100	100	0.75	1	5	80	25	25	5	5	5	0.2	350	20	1	5	7	24	250	250
TCLP (mg/l)		NA	NA	5	100	100	100	NA	1	5	NA	NA	5	5	5	5	0.2	NA	NA	1	5	NA	NA	NA	NA
10 x STLC		NA	150	50	1,000	1,000	1,000	7.5	10	50	800	250	250	50	50	50	2	3,500	200	10	50	70	240	2,500	2,500

Notes:

mg/l - Milligrams per liter

mg/kg - Milligrams per Kilogram

<0.5 - Not detected at indicated method detection limit

ND - Not Detected

NA - Not analyzed/Not applicable

* - Results from TCLP leachate extraction.

MDLs - Laboratory Detection Limits

TTLC - California Code of Regulations Title 22 Total Threshold Limit Concentration

STLC - California Code of Regulations Title 22 Soluble Threshold Limit Concentration

10XSTLC - Concentration that triggers the need to perform the Wet Extraction Test per California Code of Regulations Title 22

The results in **bold** are above more or more of the regulatory limits listed in this table.

Table 3
Soil Sample Results
Total Petroleum Hydrocarbons and Volatile Organic Compounds
Caltrans Task Order 11-199361-VB

Sample No.	Depth	Total Petroleum Hydrocarbons as diesel	Total Petroleum Hydrocarbons as gasoline	Benzene	n-Butylbenzene	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Methyl-tert-butyl ether	Naphthalene	n-Propylbenzene	Tetrachloroethene	Toluene	Trichlorofluoromethene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes
	(feet)	(mg/kg)	(mg/kg)	(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg	(ug/kg
AST-1-0	Surface	34	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-1-5	5	190	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-1-10	10	<10	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-2-0	Surface	<10	<0.50	<1	<2	<1	3	7	<5	34	7	<5	<1	<1	18	7	3
AST-2-5	5	<10	<0.50	<1	<2	<1	<1	<2	<5	3	<1	<5	<1	<1	<1	<1	<3
AST-2-10	10	<10	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-3-0	Surface	960	<0.50	<1	<2	<1	<1	<2	<5	27	<1	<5	<1	<1	<1	<1	<3
AST-3-5	5	51,000	<0.50	<50	310	64	<50	<100	<250	150	96	<50	<50	<50	420	120	<150
AST-3-10	10	<10	<0.50	<1	<2	<1	<1	<2	<5	3	<1	<5	<1	<1	<1	<1	<3
AST-4-0	Surface	16	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-4-5	5	270	<0.50	<200	6,000	1,200	600	600	<1,000	1,600	2,100	<200	<200	<200	5,000	800	1,700
AST-4-10	10	<10	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-5-0	Surface	36,000	<0.50	<1	<2	<1	<1	<2	<5	30	<1	6	<1	<1	15	<1	<3
AST-5-5	5	28,000	<0.50	<250	13,000	4,900	1,500	2,100	<1,300	4,600	5,700	<250	260	<250	27,000	8,300	8,800
AST-5-10	10	16	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-6-0	Surface	17	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-6-5	5	20	<0.50	<50	1,800	110	130	130	<250	350	380	<50	<50	<250	720	140	<150
AST-6-10	10	<10	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-7-5	5	88	<0.50	<1	95	7	7	8	<5	24	20	<5	<1	<1	51	6	<3
AST-7-10	10	<10	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-8-5	5	15	<0.50	<50	8,500	2,400	1,500	500	<250	2,900	4,600	<50	<50	<50	1,700	150	520
AST-8-10	10	<10	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-9-5	5	9,500	<0.50	1	84	64	17	10	<5	16	23	55	<5	<1	<1	110	20	30
AST-9-10	10	<10	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-10-5	5	17	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-11-5	5	61	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-12-5	5	<10	<0.50	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
AST-13-5	5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
G-1-0	Surface	NA	NA	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	1	<1	<1	<3
G-1-1.5	1.5	NA	NA	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	1	<1	<3
G-1-3	3	NA	NA	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
G-2-0	Surface	NA	NA	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
G-2-1.5	1.5	NA	NA	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
G-2-3	3	NA	NA	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3
G-3-0	Surface	NA	NA	<1	<2	<1	<1	<2	<5	200	<1	<5	<1	<1	4	1	<3
G-3-1.5	1.5	NA	NA	<1	<2	<1	<1	<2	<5	190	<1	<5	<1	<1	1	<1	<3
G-3-3	3	NA	NA	<1	<2	<1	<1	<2	<5	180	<1	<5	<1	<1	2	<1	<3
GW-1-0	Surface	NA	NA	<1	<2	<1	<1	<2	<5	16	<1	<5	1	<1	1	<1	<3
GW-1-6	6	NA	NA	<1	<2	<1	<1	<2	<5	<2	<1	<5	<1	<1	<1	<1	<3

Notes:
<5 - Not detected at indicated method detection limit
NA - Not analyzed
ND - Not Detected
ug/kg - Mircograms per Kilogram
mg/kg - Milligrams per Kilogram

Table 4
Soil Sample Results
Semivolatile Ogranic Compounds and Pesticide Results
Caltrans Task Order No. 11-199361-VB

Sample No.	Depth (ft)	USEPA Method 8141	Beta-BHC	4,4'DDE	4,4'DDT	Acenaphthene	Anthracene	Benzo(a)anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(k)fluoranthene	Butylbenzylphthalate	bis(2-Ethylhexyl)phthalate	Chrysene	Dibenzofuran	Fluoranthene	Fluorene	2-Methylnaphthalene	Naphthalene	Phenanthrene	Phenol	Pyrene
Units		ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Y-1-0	Surface	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-1-1.5	1.5	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-1-3	3	ND	<1	2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-2-0	Surface	ND	<1	78	7	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-2-1.5	1.5	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-2-3	3	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-3-0	Surface	ND	<1	2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-3-1.5	1.5	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-3-3	3	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-4-0	Surface	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-4-1.5	1.5	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-4-3	3	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-5-0	Surface	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-5-1.5	1.5	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-5-3	3	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-6-0	Surface	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-6-1.5	1.5	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-6-3	3	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-7-0	Surface	ND	<1	16	28	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-7-1.5	1.5	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-7-3	3	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-8-0	Surface	ND	<1	300	190	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	170	<33
Y-8-1.5	1.5	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-8-3	3	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-9-0	Surface	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-9-1.5	1.5	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	140	<33
Y-9-3	3	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-10-0	Surface	ND	<1	7	3	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-10-1.5	1.5	ND	<1	8	3	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-10-3	3	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-11-0	Surface	ND	<10	<20	<20	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-11-1.5	1.5	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-11-3	3	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-12-0	Surface	ND	5	600	280	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-12-1.5	1.5	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
Y-12-3	3	ND	<1	<2	<2	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
G-1-0	Surface	NA	NA	NA	NA	<33	<33	<66	<66	<33	<99	<33	18,000	<33	<33	<33	<33	<33	<33	<66	<130	<33
G-1-1.5	1.5	NA	NA	NA	NA	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
G-1-3	3	NA	NA	NA	NA	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
G-2-0	Surface	NA	NA	NA	NA	<330	<330	770	<660	<330	<990	<330	<330	<330	<330	510	<330	1,500	<330	9,000	<1,300	1,300
G-2-1.5	1.5	NA	NA	NA	NA	<33	<33	<66	<66	<33	<99	81	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
G-2-3	3	NA	NA	NA	NA	<33	<33	<66	<66	<33	<99	130	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
G-3-0	Surface	NA	NA	NA	NA	580	800	390	260	480	480	<33	<330	440	640	2,400	840	300	300	4,000	<130	1,400
G-3-1.5	1.5	NA	NA	NA	NA	95	170	100	<66	110	110	<33	<330	120	<33	450	160	66	100	740	<130	450
G-3-3	3	NA	NA	NA	NA	190	260	140	110	180	180	<33	<330	170	200	760	250	110	120	1,300	<130	580
GW-1-0	Surface	NA	NA	NA	NA	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
GW-1-6	6	NA	NA	NA	NA	<33	<33	<66	<66	<33	<99	<33	<330	<33	<33	<33	<33	<33	<33	<66	<130	<33
TTLC		NA	NA	1,000	1,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
STLC		NA	NA	100	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

Notes:

<33 - Not detected at indicated method detection limit

NA - Not analyzed/Not applicable

ND - Not Detected

ug/kg - Micrograms per Kilogram

mg/kg - Milligrams per Kilogram

TTLC - California Code of Regulations Title 22 Total Threshold Limit Concentration

STLC - California Code of Regulations Title 22 Soluble Threshold Limit Concentration

Table 5
Groundwater Sample Results
Caltrans Task Order No. 11-199361-VB

Sample	Total Petroleum Hydrocarbons as diesel	Total Petroleum Hydrocarbons as gasoline	Acetone	Benzene	2-Butanone (MEK)	Ethylbenzene	Methyl-tert-butyl ether	Napthalene	n-Prpylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Total Xylenes	Semivolatile Organic Compounds by USEPA 8270
Units	mg/l	mg/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l	ug/l
ASTW-1	3	<0.5	<50	<0.5	<10	<0.5	<1	<1	<0.5	0.7	<0.5	<0.5	<1.5	NA
ASTW-2	0.97	<0.5	<50	<0.5	<10	0.7	<1	2	0.6	0.7	2.3	<0.5	<1.5	NA
ASTW-3	4.5	<0.5	<50	1	<10	1.2	<1	1.5	<0.5	0.8	2	<0.5	2.4	NA
ASTW-4	1.7	<0.5	940	0.8	<10	0.9	<1	<1	<0.5	0.9	1.5	<0.5	1.9	NA
ASTW-5	1	<0.5	<50	0.9	<10	2.3	2.6	1.1	0.9	0.9	4.6	1.3	4.1	NA
ASTW-7	5.3	<0.5	61	<0.5	12	<0.5	6.5	<1	<0.5	0.7	<0.5	<0.5	<1.5	NA
6WW-1	NA	NA	<50	<0.5	<10	<0.5	<1	<1	<0.5	0.6	<0.5	<0.5	<1.5	ND
MCL	**NA**	**NA**	**NA**	**1**	**NA**	**700**	**NA**	**NA**	**NA**	**150**	**NA**	**NA**	**1,750**	**NA**

Notes:

<0.5 - Not detected at indciated laboratory detection limit.

ND - Constituents of concern not detected at laboratory detections limits (refer to Appendix ?)

NA - Not applicable/Not analyzed

MCL - Maxmium Contaminant Level

mg/l - Milligrams per liter

ug/l - Micrograms per liter

Check ITD for well info or Imperial County

Env. Health 760-339-4203 wells

Well info in area

TDS Total Dissolved Solids

are not contributing to

1/4 mile

Table 6
Summary of USEPA Region 9 PRG For Detected SVOCs and Pesticides

CONTAMINANT	Highest Detected Concentration mg/kg	INDUSTRIAL SOIL							
		Cancer Risk = 1E-06				Chronic HQ = 1			
		soil-inhale (mg/kg)	soil-dermal (mg/kg)	soil-ingest (mg/kg)	integrated (mg/kg)	soil-inhale (mg/kg)	soil-dermal (mg/kg)	soil-ingest (mg/kg)	integrated (mg/kg)
Acenaphthene	5.80E-01					5.58E+04		1.23E+05	3.84E+04
Anthracene	8.00E-01					1.07E+06		6.13E+05	3.90E+05
Benz[a]anthracene	7.70E-01	6.07E+04	4.57E+00	7.84E+00	2.89E+00				
Benzo[a]pyrene	2.60E-01	6.07E+03	4.57E-01	7.84E-01	2.89E-01				
Benzo[b]fluoranthene	4.80E-01	6.07E+04	4.57E+00	7.84E+00	2.89E+00				
Benzo[k]fluoranthene	4.80E-01	6.07E+05	4.57E+01	7.84E+01	2.89E+01				
Bis(2-ethylhexyl)phthalate (DEHP)	1.80E+00	1.34E+06	3.10E+02	4.09E+02	1.76E+02	1.48E+08	3.10E+04	4.09E+04	1.76E+04
Butyl benzyl phthalate	1.30E-01					1.34E+09	3.10E+05	4.09E+05	1.76E+05
Chrysene	4.40E-01	6.07E+06	4.57E+02	7.84E+02	2.89E+02				
DDE	6.00E-01	5.54E+04	4.25E+01	1.68E+01	1.21E+01				
DDT	2.80E-01	5.55E+04	4.25E+01	1.68E+01	1.21E+01	3.36E+06	2.58E+03	1.02E+03	7.32E+02
Dibenzofuran	6.40E-01					1.33E+04		8.18E+03	5.06E+03
Fluoranthene	2.40E+00					2.69E+08	4.76E+04	8.18E+04	3.01E+04
Fluorene	8.40E-01					5.57E+04		8.18E+04	3.31E+04
Naphthalene	3.00E-01					1.89E+02		4.09E+04	1.89E+02
Phenol	1.70E-01					4.03E+09	9.29E+05	1.23E+06	5.29E+05
Pyrene	1.80E+00					4.69E+05		6.13E+04	5.42E+04