BASELINE SOIL ANALYTICAL RESULTS SUMMARY

SAMPLE IDENTIFIER:	SCREENING	TRN-BLS-01	TRN-BLS-02	TRN-BLS-03	TRN-BLS-03-DUP	TRN-BLS-04	TRN-BLS-05	TRN-BLS-06	TRN-BLS-07	TRN-BLS-08	TRN-BLS-09	TRN-BLS-10
COLLECTION DATE:	VALUE*	7/7/15	7/7/15	7/7/15	7/7/15	7/7/15	7/7/15	7/7/15	7/7/15	7/7/15	7/7/15	7/7/15
Benzene, Toluene, Ethylbenzene, and Xylenes (mg/kg)												
Benzene	0.051	<0.00467	<0.00447	<0.00495	<0.00474	<0.00434	<0.00522	<0.00547	<0.00452	<0.00456	<0.00462	<0.00419
Ethylbenzene	19	<0.00467	<0.00447	<0.00495	<0.00474	<0.00434	<0.00522	<0.00547	<0.00452	<0.00456	<0.00462	<0.00419
Toluene	20	0.000583 J	<0.00447	0.000834 J	0.000852 J	0.000761 J	0.000679 J	0.000676 J	0.000764 J	0.000540 J	<0.00462	0.000561 J
Xylene (total)	150	<0.0140	<0.0130	<0.0150	<0.0140	<0.0130	<0.0160	<0.0160	<0.0140	<0.0140	<0.0140	<0.0130
Polynuclear Aromatic Hydrocarbons (mg/kg)												
2-Methylnaphthalene	1.7	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Acenaphthene	220	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Acenaphthylene	88	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Anthracene	120	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Benzo(a)anthracene	330	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Benzo(a)pyrene	23	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Benzo(b)fluoranthene	220	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Benzo(g,h,i)perylene	NL	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	0.00212 J	<0.00385	<0.00401	<0.00385	<0.00380
Benzo(k)fluoranthene	120	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Chrysene	76	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Dibenz(a,h)anthracene	540	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Fluoranthene	1200	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Fluorene	230	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Indeno(1,2,3-cd)pyrene	9.2	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	0.00221 J	<0.00385	<0.00401	<0.00385	<0.00380
Naphthalene	1.5	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Phenanthrene	660	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Pyrene	1100	<0.00387	<0.00387	<0.00391	<0.00392	<0.00382	<0.00383	<0.00473	<0.00385	<0.00401	<0.00385	<0.00380
Total Petroleum Hydrocarbons (mg/kg)												
Diesel Range Organics	65	<4.69	2.01 J	2.00 J	5.33	1.54 J	1.53 J	2.00 J	9.18	3.41 J	<4.67	2.55 J
Gasoline Range Organics	65	<4.68	1.12 J	1.43 J	1.67 J	<4.88	<4.65	0.723 J	0.776 J	0.867 J	0.828 J	<4.68
Metals (mg/kg)												
Arsenic	100	1.85	1.56	1.38	1.59	1.75	1.74	2.10	1.47	2.00	1.59	1.86
Barium	2,000	65.0	36.1	41.2	36.6	41.3	36.1	45.1	35.5	43.9	42.1	36.9
Beryllium	8.0	0.410 J	0.310 J	0.360 J	0.320 J	0.360 J	0.350 J	0.430 J	0.290 J	0.290 J	0.290 J	0.340 J
Boron	NL	1.16 J	<2.33	<2.37	<2.32	<2.30	<2.32 J	<2.78	<2.33	<2.37	<2.33	<2.30
Cadmium	20	<0.470	<0.470	<0.470	<0.460	<0.460	<0.460	<0.560	<0.470	<0.470	<0.470	<0.460
Calcium	NL	784	476	613	524	678	745	889	547	684	765	791
Chromium	10	4.09	3.83	4.35	3.95	4.42	3.48 J	4.29	4.48	4.10	3.79	3.71
Cobalt	4,400	1.57	1.02	1.26	1.07	1.32	1.12 J	1.42	1.08	1.18	1.12	1.17
Copper	1,500	1.84	1.45	1.25	1.49	1.68	1.38 J	1.77	1.42	1.39	1.50	1.48
Iron	NL	4,160	3,910	4,240	4,040	4,320	3,730	4,990	4,530	3,920	4,390	4,320

BASELINE SOIL ANALYTICAL RESULTS SUMMARY

SAMPLE IDENTIFIER:	SCREENING VALUE*	TRN-BLS-01	TRN-BLS-02	TRN-BLS-03	TRN-BLS-03-DUP	TRN-BLS-04	TRN-BLS-05	TRN-BLS-06	TRN-BLS-07	TRN-BLS-08	TRN-BLS-09	TRN-BLS-10
COLLECTION DATE:		7/7/15	7/7/15	7/7/15	7/7/15	7/7/15	7/7/15	7/7/15	7/7/15	7/7/15	7/7/15	7/7/15
Metals (mg/kg)												
Lead	10	5.98	5.67	5.54	5.65	5.94	5.06 J	6.09	5.75	5.55	5.51	5.13
Magnesium	NL	522	395	453	407	517	432 J	509	370	422	419	456
Manganese	NL	23.2	20.0	18.6	20.2	23.3	18.2	23.6	22.6	27.3	24.0	20.5
Mercury	4.0	0.00650 J	0.00600 J	0.00570 J	0.00590 J	<0.0140	<0.0120	<0.0170	0.00810 J	<0.0140	0.00780 J	<0.0140
Nickel	1,500	1.69	1.28	4.23	1.36	1.55	1.42 J	1.71	1.37	1.43	1.38	1.49
Potassium	NL	128	106	95.8	107	133	115 J	125	120	109	109	113
Selenium	20	0.200 J	0.260 J	0.240 J	0.230 J	0.160 J	<0.460	0.220 J	0.190 J	0.120 J	<0.470	0.280 J
Silver	10	<0.470	<0.470	<0.470	<0.460	<0.460	<0.460	<0.560	<0.470	<0.470	<0.470	<0.460
Sodium	NL	179	131	952	139	183	133	166	92.0	128	137	147
Zinc	2,800	2.78 J	<9.31	15.1	<9.28	<9.20	3.47 J	3.89 J	3.10 J	2.99 J	3.16 J	3.30 J
Miscellaneous (samples for these parameters were collected on 7/14/15)												
Cation Exchange Capacity (meq/100g)	NL	12.5	9.55	12.3	10.6	9.43	12.8	10.9	10.4	11.1	12.4	11.1
Electrical Conductivity (mmhos/cm)	NL	<1.00	1.01	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00	<1.00
Exchangable Sodium Percentage (%)	NL	4.20	4.30	4.00	5.20	5.60	3.10	4.80	3.60	3.70	3.70	3.90
Oil and Grease (%)	NL	0.0360 J	0.0380 J	0.0470 J	0.0340 J	<0.0590	0.0130 J	0.0500 J	0.0200 J	0.0210 J	0.0260 J	0.0250 J
pH (standard units)	NL	4.93	4.78	4.85	4.82	4.82	4.69	4.82	4.77	4.67	4.60	4.68
Sodium Absorption Ratio (no units)	NL	1.40	1.90	1.50	1.50	1.40	1.60	1.50	1.70	1.60	1.00	1.50

Notes:

DUP	Field duplicate
J	The analyte was positively identified; the associated value is the approximate concentration of the analyte in the sample.
mg/kg	Milligram per kilogram
ND	Not detected
NL	No limit given in LDEQ RECAP Table 1
RECAP	Risk Evaluation/Corrective Action Program.
*	Screening standard for the soil concentration protective of Groundwater Classifications 1, 2 and 3 ($Soil_{SSGW}$) are from the Louisiana Department of Environmental Quality (LDEQ) Risk Evalution/Corrective Action Program (RECAP) Table 1.
BLS	Baseline soil
TRN	Trenasse
U	The analyte was analyzed for, but was not detected at or above the associated value (reporting limit).
<	Not detected at or above the method detection limit