FINAL

General Motors Corporation Saginaw Malleable Iron Plant Property, and REALM, Inc. Green Point Landfill and Drum Remediation Area Saginaw, Michigan

Remedial Investigation Report Volume II of V

July 5, 2001

BBL®
BLASLAND, BOUCK & LEE, INC.
engineers & scientists

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SUMMARY OF GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
B-1R	44-49	7/20/95	16.3	0.84	7.33	29	11.7	Colorless	Clear	Odorless
B-1BAUG	3-13	7/20/95	13.4	2.21	7.03	18	13.6	Colorless	Clear	Odorless
B-1CAUG	19.5-24.5	7/20/95	13.1	1.88	6.85	51	13.4	Colorless	Clear	Odorless
B-1DAUG	32-37	7/20/95	13.6	1.80	6.87	80	13.3	Colorless	Clear	Odorless
B-2R	3-13	7/29/95	17.0	3.26	6.99	96	8.2	Colorless	Clear	Odorless
B-2R	3-13	6/11/96	13.4	1.93	7.62	28	0.5	Colorless	Clear	Odorless
B-2R	3-13	5/23/00	18.8	0.904	6.72	3.5	0.36	Colorless	Clear	Odorless
B-2BAUG	20-25	7/29/95	15.2	2.89	7.08	78	9.5	Colorless	Clear	Odorless
B-3R	16-26	7/26/95	14.4	1.84	6.61	223	17.0	Light black	Slightly turbid	Odorless
B-3BAUG	22.2-27.2	7/25/95	13.6	2.90	7.03	101	14.3	Colorless	Clear	Odorless
B-3BAUG	22.2-27.2	6/6/96	13.4	2.81	6.99	3	9.56	Colorless	Clear	Odorless
B-3BAUG	22.2-27.2	5/18/00	NA	NA	NA	NA	NA	NA	NA	NA
B-4AR	22-27	7/25/95	14.2	0.97	9.08	>1000	10.7	Dark brown	Turbid	Odorless
B-4AR[1]	22-27	6/12/96	14.0	0.95	7.50	1	2.65	Light black	Slightly turbid	Odorless
B-4AR	22-27	3/9/97	15.4	2.41	6.73	NA	1.06	Dark brown	Turbid	Odorless
B-4AR	22-27	6/29/99	12.81	1.115	9.23	7.6	0.17	Colorless	Clear	Odorless
B-4AR	22-27	9/2/99	14.39	1.175	8.83	1.7	1.34	Colorless	Clear	Odorless
B-4AR	22-27	5/23/00	NA	0.92	7.05	6.8	NA	NA	NA	NA
B-4BR	31.2-36.2	7/25/95	15.6	5.38	11.53	>1000	12.2	Light brown	Turbid	Odorless
B-4BR	31.2-36.2	6/5/96	17.3	3.82	10.22	497	1.73	Brown	Turbid	Sulfur odor
B-4BR	31.2-36.2	3/9/97	13.4	4.21	8.46	NA	1.07	Light brown	Turbid	Sulfur odor
B-4BR	31.2-36.2	9/2/99	20.42	4.249	8.92	76.4	3.62	Brown	Turbid	Odorless
B-4BR	31.2-36.2	5/22/00	NA	4.57	8.41	38.2	NA	NA	NA	NA
B-4CAUG	48.2-53.2	7/25/95	14.3	5.22	11.84	133	10.7	Colorless	Slightly turbid	Odorless
B-4CAUG	48.2-53.2	6/4/96	13.5	4.83	12.64	38	2.93	Yellow	Clear	Sulfur odor
B-4CAUG	48.2-53.2	6/29/99	19.34	3.709	12.12	22	0.1	Colorless	Slightly turbid	Organic
B-4CAUG	48.2-53.2	9/2/99	19.22	3.556	12.31	27.9	0.51	Colorless	Slightly turbid	Odorless
B-4CAUG	48.2-53.2	5/23/00	NA	2.41	11.3	28.1	NA	NA	NA	NA
B-4DAUG	64.5 - 69.5	7/25/95	13.4	6.98	7.60	319	12.4	Light brown	Slightly turbid	Odorless
B-4DAUG	64.5 - 69.5	6/4/96	13.4	6.7	7.5	0	1.56	Colorless	Clear	Odorless
B-4DAUG	64.5 - 69.5	9/2/99	14.34	7.71	7.23	4.6	0.98	Cloudy	None	Odorless
B-4DAUG	64.5 - 69.5	5/22/00	NA	9.35	7.32	15.7	NA	NA	NA	NA
B-5R	5-15	7/12/95	14.4	2.78	7.63	10	13.7	Colorless	Clear	Odorless
B-5BAUG	35-40	7/12/95	14.4	2.18	7.24	35	13.5	Colorless	Clear	Odorless
B-5CAUG	42.5-47.5	7/12/95	14.3	10.30	7.24	4	14.9	Colorless	Clear	Odorless

See Notes, Page 17.

TABLE 4-16

SUMMARY OF GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
B-6R	5.5-15.5	7/21/95	14.2	1.01	6.68	40	11.6	Colorless	Clear	Odorless
B-6R	5.5-15.5	6/6/96	10.2	0.752	7.31	22	1.5	Colorless	Clear	Odorless
B-6BAUG	24.5-29.5	7/21/95	13.3	1.65	6.46	52	12.6	Colorless	Clear	Odorless
B-6BAUG	24.5-29.5	6/6/96	12.6	1.45	6.93	3	5.39	Colorless	Clear	Odorless
B-6CAUG	32-37	7/21/95	13.6	1.55	6.52	23	11.9	Colorless	Clear	Odorless
B-6CAUG	32-37	6/6/96	12.5	1.37	7.05	3	1.67	Colorless	Clear	Odorless
B-6DAUG	44.5-49.5	7/21/95	13.7	3.64	6.60	85	12.2	Colorless	Clear	Odorless
B-6DAUG	44.5-49.5	6/6/96	12.7	3.24	7.3	33	3.08	Colorless	Clear	Odorless
B-7R	5-15	7/17/95	17.4	0.52	9.05	106	13.1	Colorless	Clear	Odorless
B-7R	5-15	6/13/96	13.2	0.586	7.92	6	1.38	Colorless	Clear	Odorless
B-7R	5-15	3/5/97	9.6	2.07	7.61	NA	1.9	Colorless	Clear	Sulfur odor
B-7R	5-15	6/29/99	11.69	0.961	NA	0.2	3.8	Colorless	Slightly turbid	Odorless
B-7R	5-15	9/2/99	14.92	1.09	7.72	0.3	1.37	Colorless	Clear	Odorless
B-7R	5-15	5/20/00	NA	1.23	6.49	0	NA	NA	NA	NA
B-7BAUG	37.5 - 42.5	7/17/95	15.3	2.10	7.30	53	12.8	Colorless	Clear	Odorless
B-7BAUG	37.5 - 42.5	6/11/96	14.6	2.16	7.69	22	0.97	Colorless	Clear	Sulfur odor
B-7CAUG	44.3 - 49.3	7/17/95	15.2	3.40	11.28	67	15.3	Colorless	Clear	Odorless
B-7CAUG	44.3 - 49.3	6/11/96	14.8	2.79	11.12	11	0.74	Colorless	Clear	Odorless
B-7CAUG	44.3 - 49.3	5/20/00	NA	NA	NA	NA	NA	NA	NA	NA
MW-1A	5-15	7/17/95	13.4	1.47	6.77	87	12.7	Colorless	Clear	Odorless
MW-1A	5-15	6/8/96	9.9	1.4	7.03	3	5.81	Colorless	Clear	Odorless
MW-1B	20-25	7/15/95	16.3	1.48	6.79	225	13.8	NA	NA	NA
MW-1CAUG	37.5-42.5	7/15/95	13.6	2.20	6.82	46	14.9	Colorless	Clear	Odorless
MW-2A	4-14	7/27/95	11.4	0.80	7.09	160	13.5	Colorless	Clear	Odorless
MW-2B	36-46	7/27/95	11.4	2.36	6.88	80	13.3	Colorless	Clear	Odorless
MW-2B	36-46	6/11/96	11.3	2.24	7.09	2	2.99	Colorless	Clear	Odorless
MW-2B	36-46	5/20/00	NA	NA	NA	NA	NA	NA	NA	NA
MW-2CAUG	24-29	7/27/95	11.8	1.89	6.89	161	13.8	Colorless	Clear	Odorless
MW-3A	2.5 - 12.5	7/27/95	15.6	1.66	6.72	>1000	12.3	Brown	Turbid	Odorless
MW-3A	2.5 - 12.5	6/12/96	13.7	1.2	7.23	209	5.51	Brown	Turbid	Odorless
MW-3B	23-28	7/27/95	11.7	1.91	6.71	74	14.3	Colorless	Clear	Odorless
MW-4	2-12	7/29/95	16.1	4.75	6.62	NA	NA	NA	NA	NA
MW-4	2-12	6/10/96	12.5	3.2	6.15	58	2.95	NA	NA	NA
MW-4	2-12	5/18/00	NA	NA	NA	NA	NA	NA	NA	NA

See Notes, Page 17.

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SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
MW-5A	5-15	7/13/95	15.7	1.16	7.65	65	12.1	Colorless	Clear	Odorless
MW-5A	5-15	6/8/96	10.5	0.765	7.71	5	0.66	Colorless	Clear	Odorless
MW-5A	5-15	3/10/97	6.6	1.3	6.11	NA	0.01	Colorless	Clear	Odorless
MW-5B	25-30	7/13/95	13.1	2.46	7.67	69	14.2	Colorless	Clear	Odorless
MW-5B	25-30	6/8/96	10.9	2.26	7.51	6	0.91	Colorless	Clear	Sulfur odor
MW-6A	6-16	7/13/95	16.8	0.72	7.65	17	13.8	NA	NA	NA
MW-6A	6-16	6/9/96	13.5	1.12	7.53	4	1.62	Colorless	Clear	Odorless
MW-6A	6-16	3/10/97	5.5	0.759	6.23	NA	0.49	Colorless	Clear	Odorless
MW-6B	27.5-32.5	7/13/95	15.3	0.99	9.52	71	14.7	Colorless	Clear	Odorless
MW-6B	27.5-32.5	6/9/96	11.7	0.866	7.56	3	1.48	Colorless	Clear	Sulfur odor
MW-6B	27.5-32.5	5/20/00	NA	NA	NA	NA	NA	NA	NA	NA
MW-6CAUG	37.5-42.5	7/13/95	17.5	3.66	12.23	248	13.4	Colorless	Clear	Odorless
MW-6CAUG	37.5-42.5	6/9/96	13.6	2.79	9.35	6	1.65	NA	NA	NA
MW-6CAUG	37.5-42.5	5/22/00	NA	NA	NA	NA	NA	NA	NA	NA
MW-6DAUG	47.8-52.8	7/13/95	16.2	4.29	10.19	15	15.0	NA	NA	NA
MW-6DAUG	47.8-52.8	6/9/96	13.2	4.87	8.93	4	2.98	Colorless	Clear	Sulfur odor
X-1A	9.7-12.7	7/29/95	17.3	6.78	6.88	174	10.9	Colorless	Clear	Slight
X-1A	9.7-12.7	6/10/96	12	10.8	6.8	2	2.63	Yellow	Clear	Odor
X-1A	9.7-12.7	3/8/97	6.3	5.56	6.69	NA	NA	Colorless	Clear	Slight odor
X-1A	9.7-12.7	5/23/00	13.54	4.7	7	NA	0.65	Colorless	Clear	Slight odor
X-1B	20.7-23.7	7/29/95	14.2	6.87	6.66	154	NA	Colorless	Clear	Odorless
X-1B	20.7-23.7	6/10/96	13.8	13.3	68.3	84	2.68	Yellow	Slightly turbid	Odor
X-1B	20.7-23.7	3/9/97	6.4	6.6	5.55	NA	NA	Colorless	Clear	Odorless
X-1B	20.7-23.7	5/24/00	18.15	6.43	6.77	0	0.51	Colorless	Clear	Slight odor
X-1CR	2-12	7/29/95	16.3	5.01	6.60	152	10.8	Colorless	Clear	Odor
X-1CR	2-12	6/10/96	12.7	10.2	6.89	3	2.07	Yellow	Clear	Odor
X-1CR	2-12	3/11/97	8	5.59	5.38	10	0.03	Colorless	Clear	Odor
X-1CR	2-12	5/24/00	16.8	2.37	6.72	7.2	0.18	Colorless	Clear	Odor
X-1CR2	43.7-48.7	7/29/95	14.5	1.62	8.18	NA	NA	Brown	Turbid	Odorless
X-1CR2	43.7-48.7	6/11/96	12.6	1.29	7.55	527	2.7	Brown	Turbid	Odorless
X-1CR2	43.7-48.7	3/12/97	10.3	1.23	6.62	349	2.75	Brown	Turbid	Odorless
X-1CR2	43.7-48.7	5/24/00	18.1	1.35	6.33	13.8	0.23	Colorless	Clear	Odorless
X-2A	8.6-11.6	7/15/95	15.6	2.35	7.30	>1000	13.9	Black	Turbid	Odorless
X-2A	8.6-11.6	6/12/96	10.6	2.09	7.87	3	6.45	Colorless	Clear	Odorless
X-2A	8.6-11.6	5/19/00	12.6	3.14	7.55	2.1	1.8	Colorless	Clear	Slight odor

See Notes, Page 17.

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SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
X-2B	22.1-25.1	7/15/95	14.0	1.58	6.79	89	14.8	Colorless	Clear	Odorless
X-2C	43.1-46.1	7/15/95	13.6	2.67	6.60	53	15.0	Colorless	Clear	Odorless
X-2DAUG	31-36	7/15/95	13.6	2.82	6.55	27	15.3	Colorless	Clear	Odorless
X-3AR	7.6-17.6	6/20/95	19.1	8.13	6.59	NA	NA	Brown	Turbid	Odorless
X-3AR	7.6-17.6	7/14/95	15.0	33.90	5.96	530	9.1	Yellow	Clear	Odorless
X-3AR	7.6-17.6	6/6/96	11.3	56.5	5.73	3	8.51	Light yellow	Clear	Odorless
X-3BR	31-36	6/20/95	19.2	2.6	5.95	NA	NA	Colorless	Clear	Odorless
X-3BR	31-36	7/15/95	13.7	1.63	6.42	8	14.4	Colorless	Clear	Odorless
X-3BR	31-36	6/5/96	12.3	1.49	6.96	2	6.14	Colorless	Clear	Odorless
X-3CAUG	46.5-51.5	6/20/95	18.7	2.6	7.15	NA	NA	Light brown	Slightly turbid	Odorless
X-3CAUG	46.5-51.5	7/14/95	14.4	2.36	6.98	32	16.9	Colorless	Clear	Odorless
X-3CAUG	46.5-51.5	6/5/96	12.7	1.72	7.37	0	7.2	Colorless	Clear	Odorless
X-4AR	6.2-9.2	7/24/95	16.6	0.94	6.71	NA	NA	Brown	Turbid	Odorless
X-4AR	6.2-9.2	6/9/96	11.3	0.97	6.9	81	4.23	Colorless	Clear	Odorless
X-4AR	6.2-9.2	3/5/97	3.4	1.02	7.45	NA	NA	Colorless	Clear	Odorless
X-4AR	6.2-9.2	5/21/00	NA	NA	NA	NA	NA	NA	NA	NA
X-4CAUG	18-23	7/24/95	11.5	0.95	6.96	83	13.9	Colorless	Clear	Odorless
X-4CAUG	18-23	6/8/96	9.7	0.92	7.23	10	10.0	Colorless	Clear	Odorless
X-5A	8.9-11.9	6/21/95	18.4	3.47	6.74	NA	NA	Colorless	Clear	Slight odor
X-5A	8.9-11.9	7/19/95	17.1	3.56	6.92	774	12.8	Light yellow	Clear	Slight
X-5A	8.9-11.9	6/6/96	11.3	2.85	6.75	5	8.55	Yellow	Clear	Odor
X-5B	15.4-18.4	6/21/95	20	3.96	8.85	NA	NA	Light yellow	Clear	Slight odor
X-5B	15.4-18.4	7/19/95	15.3	7.87	7.57	76	12.1	Light yellow	Clear	Slight
X-5B	15.4-18.4	6/6/96	13.4	13.7	7.6	5	9.27	Yellow	Clear	Slight odor
X-5CR	40-45	6/21/95	12.9	2.14	9.33	NA	NA	Light brown	Turbid	Odorless
X-5CR	40-45	7/19/95	16.2	1.12	8.48	47	14.2	Colorless	Clear	Odorless
X-5CR	40-45	6/5/96	14.1	1.06	7.22	414	9.49	Light brown	Turbid	Odorless
X-6A	40-45	9/26/95	25.4	8.77	7.57	> 1000	0.02	Dark brown	Turbid	Odor/sheen
X-6B	70-75	9/26/95	26.2	10.1	7.41	> 1000	0.02	Dark brown	Turbid	Odor/sheen
X-7A	15.6-18.6	6/20/95	20.8	4.29	5.8	NA	NA	Black	Turbid	Slight
X-7A	15.6-18.6	7/19/95	17.6	15.50	6.79	NA	NA	NA	NA	NA
X-7A	15.6-18.6	6/12/96	12.2	27.4	6.96	841	224	Black	Very turbid	Odor
X-7A	15.6-18.6	3/11/97	NA	NA	NA	NA	NA	Black	Very turbid	Odor

See Notes, Page 17.

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REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
X-7BR	22-27	6/20/95	18.5	5.28	6.97	NA	NA	Light brown	Slightly turbid	Odorless
X-7BR	22-27	7/19/95	15.2	24.40	6.58	185	12.9	Colorless	Slightly turbid	Odorless
X-7BR	22-27	6/5/96	14.4	37.1	6.41	1	6.6	Colorless	Clear	Odorless
X-7BR	22-27	3/11/97	14.9	19.6	4.94	<50	0.16	Colorless	Clear	Odorless
X-7CAUG	34-39	6/21/95	16.3	2.25	7.98	NA	NA	Light brown	Slightly turbid	Odorless
X-7CAUG	34-39	7/19/95	14.9	1.95	7.42	53	13.5	Colorless	Clear	Odorless
X-7CAUG	34-39	6/5/96	14.1	1.37	7.11	0	3.67	Colorless	Clear	Odorless
X-7CAUG	34-39	3/9/97	14	1.49	5.54	NA	0.01	Colorless	Clear	Odorless
X-7DAUG	46-51	6/20/95	22.4	2.3	7.03	NA	NA	Light brown	Slightly turbid	Odorless
X-7DAUG	46-51	7/19/95	15.0	1.78	7.49	9	13.1	Colorless	Clear	Odorless
X-7DAUG	46-51	6/5/96	14.1	1.64	7.39	1	3.07	Colorless	Clear	Odorless
X-7DAUG	46-51	3/11/97	13.6	1.78	5.88	50	0.3	Colorless	Clear	Odorless
X-9AR	2-12	7/24/95	12.4	1.30	6.62	27	12.7	Colorless	Clear	Odorless
X-9AR	2-12	6/9/96	10.3	0.96	6.94	0	4.38	Colorless	Clear	Odorless
X-9AR	2-12	3/5/97	6	1.12	7.31	10	2.1	Colorless	Clear	Odorless
X-9BR	20-25	7/24/95	11.5	1.22	6.75	31	13.3	Colorless	Clear	Odorless
X-9BR	20-25	6/8/96	10.4	1.04	6.97	3	4.11	Colorless	Clear	Odorless
X-9CAUG	26-31	7/24/95	11.5	1.11	6.72	21	13.2	Colorless	Clear	Odorless
X-9CAUG	26-31	6/8/96	9.8	1.09	6.9	2	3.34	Colorless	Clear	Odorless
X-10A	7.7-10.7	7/24/95	NA[2]	NA[2]	NA[2]	NA[2]	NA[2]	NA[2]	NA[2]	NA[2]
X-10A	7.7-10.7	6/13/96	15.6	0.645	7.13	2	3.46	Colorless	Clear	Odorless
X-10A	7.7-10.7	5/24/00	15.8	1.58	6.42	1	1.06	Colorless	Clear	Odorless
X-10BR	26.3-31.3	7/24/95	16.5	2.05	6.59	48	12.3	Colorless	Clear	Odorless
X-10CR	36.6-41.6	7/24/95	16.3	3.06	6.58	32	12.1	Colorless	Clear	Odorless
X-10DAUG	22-27	7/24/95	15.5	1.96	6.52	50	12.5	Colorless	Clear	Odorless
X-11AR	2-12	7/26/95	16.6	5.15	6.55	191	11.1	Colorless	Slightly turbid	Odorless
X-12AR	2-7	7/26/95	19.9	0.96	6.84	108	10.5	Colorless	Clear	Odorless
X-12B	41.7-44.7	7/26/95	13.2	0.96	7.05	177	12.3	NA	NA	NA
X-12B	41.7-44.7	6/5/96	10.9	0.716	7.88	10	8.01	Colorless	Clear	Odorless
X-12CAUG	17.5 - 20	7/26/95	15.5	1.31	7.01	234	13.3	Light brown	Slightly turbid	Odorless
X-13AR	2-12	7/18/95	12.4	1.78	6.67	24	13.9	Colorless	Clear	Odorless
X-13AR	2-12	6/8/96	10	0.787	6.99	4	3.18	Colorless	Clear	Odorless
X-13AR	2-12	5/20/00	NA	NA	NA	NA	NA	NA	NA	NA
X-13B	19.9-22.9	7/18/95	11.9	1.49	6.74	28	13.8	Colorless	Clear	Odorless
X-13CAUG	36.2-41.2	7/18/95	12.5	1.86	7.09	33	13.4	Colorless	Clear	Odorless
X-13CAUG	36.2-41.2	6/8/96	11.1	7.62	7.15	3	3.3	Colorless	Clear	Odorless

See Notes, Page 17.

TABLE 4-16

SUMMARY OF GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
X-14A	2.8-5.8	7/18/95	15.7	1.63	7.20	>1000	12.9	Brown	Turbid	Odorless
X-14B	21.3-24.3	7/18/95	11.7	1.53	7.23	3	14.6	Colorless	Clear	Odorless
X-14CAUG	26-31	7/18/95	11.7	1.62	7.33	9	14.2	Colorless	Clear	Odorless
X-14CAUG	26-31	6/4/96	11.1	1.52	7.17	1	7.43	Colorless	Clear	Odorless
X-14CAUG	26-31	5/18/00	NA	NA	NA	NA	NA	NA	NA	NA
X-15AR	2-12	7/19/95	13.9	0.93	7.52	366	11.9	Colorless	Cloudy	Odorless
X-15BR	35-40	7/19/95	12.3	1.27	8.30	NA	NA	Colorless	Clear	Odorless
X-15BR	35-40	6/5/96	11.8	1.29	8	1	6.82	Colorless	Slightly turbid	Odorless
X-15BR	35-40	5/19/00	NA	NA	NA	NA	NA	NA	NA	NA
X-16A	5.8-8.8	7/27/95	18.3	2.20	6.86	NA	NA	NA	NA	NA
X-16A	5.8-8.8	6/6/96	12.1	3.14	7.25	10	8.95	Colorless	Slightly turbid	Odorless
X-16A	5.8-8.8	5/24/00	15.36	3.21	6.89	2.8	3.86	Colorless	Clear	Odorless
X-16B	20.4-23.4	7/28/95	12.5	1.18	7.25	NA	NA	NA	NA	NA
X-16B	20.4-23.4	5/19/00								
X-17R	2-12	7/26/95	15.2	2.07	7.00	350	12.1	Colorless	Turbid	Odorless
X-17R	2-12	6/4/96	13	1.78	6.77	38	9.53	Colorless	Clear	Odorless
X-17R	2-12	5/18/00								
X-18R	4.2-7.2	7/25/95	19.5	0.67	8.03	NA	NA	NA	NA	NA
X-19AR	2-12	7/28/95	16.6	1.96	6.66	188	11.2	Colorless	Clear	Odorless
X-19AR	2-12	6/4/96	11	2.08	6.84	5	8.43	Colorless	Clear	Odorless
X-20	4.7-7.7	7/25/95	16.3	3.58	6.90	>1000	12.2	Brown	Turbid	Odorless
MW-101WT	13-23	7/28/95	16.3	1.37	7.51	>1000	11.8	Light brown	Turbid	Odorless
MW-101WT	13-23	6/5/96	13.3	1.31	7.55	44	6.49	Colorless	Clear	Odorless
MW-101WT	13-23	3/12/97	10.2	1.48	5.92	NA	2.2	Light brown	Turbid	Odorless
MW-102WT	9 - 19	7/25/95	14.6	1.48	6.90	662	14.1	Light brown	Turbid	Odorless
MW-102WT	9 - 19	6/3/96	12.4	1.41	7.38	54	1.09	Light gray	Slightly turbid	Odorless
MW-102S1	27 - 32	7/25/95	14.8	2.07	6.82	550	13.7	Light brown	Turbid	Odorless
MW-102S1	27 - 32	6/3/96	13.2	1.93	7.13	15	1.18	Light yellow	Clear	Sulfur odor
MW-103WT	8 - 18	7/12/95	13.5	2.86	8.89	79	12.7	Colorless	Clear	Odorless
MW-103WT	8 - 18	6/4/96	11.7	2.44	8.53	45	0.74	Light yellow	Clear	Gas odor
MW-103S1	32.5 - 37.5	7/12/95	13.6	4.75	7.01	182	12.1	Colorless	Clear	Odorless
MW-103S1	32.5 - 37.5	6/4/96	12.4	3.63	7.26	33	1.84	Light gray	Clear	Odorless
MW-103S1	32.5 - 37.5	5/18/00	NA	NA	NA	NA	NA	NA	NA	NA

See Notes, Page 17.

TABLE 4-16

SUMMARY OF GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
MW-103S2	47.5 - 52.5	7/12/95	13.6	27.00	6.96	2	12.1	Colorless	Clear	Odorless
MW-103S2	47.5 - 52.5	6/4/96	12.5	20.6	6.97	7	1.26	Colorless	Clear	Sulfur odor
MW-104WT	7 - 17	7/12/95	14.0	10.20	7.38	65	14.2	Slightly yellow brown	Clear	Odorless
MW-104WT	7 - 17	6/4/96	10.5	6.11	7.4	2	0.34	Colorless	Clear	Odorless
MW-104S1	33 - 38	7/12/95	13.5	3.15	7.06	23	13.5	Colorless	Clear	Odorless
MW-104S1	33 - 38	6/4/96	12.6	2.59	7.11	13	1.68	Colorless	Clear	Sulfur odor
MW-104S2	45 - 50	7/12/95	13.9	24.10	7.05	104	13.1	Light brown	Turbid	Odorless
MW-104S2	45 - 50	6/5/96	13.1	19.7	7.1	3	2.24	NA	NA	NA
MW-105WT	5 - 15	7/12/95	15.4	0.79	7.79	25	13.2	Colorless	Clear	Odorless
MW-105S1	36.5 - 41.5	7/12/95	14.1	3.35	7.12	10	13.7	Colorless	Clear	Odorless
MW-105S2	43 - 48	7/12/95	14.5	10.80	7.02	43	13.9	Colorless	Clear	Odorless
MW-106WT	8 - 13	7/12/95	14.8	0.84	7.96	62	14.5	Colorless	Clear	Odorless
MW-106WT	8 - 13	6/7/96	10.7	0.814	7.69	12	1.4	Colorless	Clear	Odorless
MW-106S1	16.5 - 19	7/12/95	13.7	0.75	7.69	32	16.1	Colorless	Clear	Odorless
MW-106S1	16.5 - 19	6/7/96	10.5	0.774	7.32	4	1.41	Colorless	Clear	Odorless
MW-106S2	23 - 25.5	7/12/95	14.8	0.97	7.66	NA	NA	Brown	Turbid	Odorless
MW-106S2	23 - 25.5	6/7/96	11.3	1.02	7.45	92	2.49	Light brown	Slightly turbid	Sulfur odor
MW-107WT	4 - 9	7/12/95	20.3	1.02	7.90	NA	NA	NA	NA	NA
MW-107WT	4 - 9	6/7/96	15.2	0.806	7.38	4	2.79	Colorless	Clear	Odorless
MW-107WT	4 - 9	3/10/97	5.5	0.738	6.09	NA	2.85	Colorless	Clear	Odorless
MW-107S1	12.5 - 17.5	7/12/95	13.8	0.85	7.86	7	16.3	Light brown	Clear	Odorless
MW-107S1	12.5 - 17.5	6/7/96	11.6	0.791	7.56	2	2.11	Brown	Clear	Sulfur odor
MW-107S2	21.4 - 26.4	7/12/95	14.2	1.33	7.60	2	15.9	Colorless	Clear	Odorless
MW-107S2	21.4 - 26.4	6/7/96	12.3	1.46	7.32	14	0.84	Colorless	Clear	Odorless
MW-108WT	2.5 - 7.5	7/13/95	20.7	0.86	7.42	66	11.2	Brownish orange	Slightly turbid	Odorless
MW-108WT	2.5 - 7.5	6/8/96	13.3	0.869	7.34	7	1.2	Colorless	Clear	Odorless
MW-108WT	2.5 - 7.5	3/10/97	4.6	1.07	5.91	41	0.1	Colorless	Clear	Odorless
MW-108WT	2.5 - 7.5	5/21/00	NA	NA	NA	NA	NA	NA	NA	NA
MW-108S1	8.8 - 13.8	7/13/95	17.4	0.79	7.74	14	11.7	Colorless	Clear	Odorless
MW-108S1	8.8 - 13.8	6/8/96	12.6	0.735	7.21	2	1.04	Colorless	Clear	Odorless
MW-108S1	8.8 - 13.8	3/10/97	5.6	0.737	5.96	0	0.05	Colorless	Clear	Odorless
MW-108S1	8.8 - 13.8	6/29/99	19.81	0.874	7.27	0.2	0.21	Colorless	Clear	Odorless
MW-108S1	8.8 - 13.8	9/2/99	17.5	0.769	6.87	0.1	1.64	Colorless	Clear	Odorless
MW-108S1	8.8 - 13.8	5/23/00	NA	0.99	6.48	6.1	NA	NA	NA	NA
MW-108S2	22 - 27	7/13/95	13.4	1.66	7.98	180	12.8	Light brown	Slightly turbid	Odorless
MW-108S2	22 - 27	6/8/96	10.6	1.53	7.59	2	0.61	Colorless	Clear	Sulfur odor

See Notes, Page 17.

TABLE 4-16

SUMMARY OF GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
MW-108S3	39.8-44.8	7/13/95	15.4	5.50	7.80	2	14.7	Colorless	Clear	Odorless
MW-108S3	39.8-44.8	6/8/96	12.5	5.33	7.56	4	1.25	Colorless	Clear	Odorless
MW-108S4	45 - 50	7/13/95	14.5	7.02	7.64	42	14.0	Colorless	Clear	Odorless
MW-108S4	45 - 50	6/8/96	12.8	6.62	7.52	22	1.65	Colorless	Clear	Odor
MW-108S4	45 - 50	5/21/00	NA	NA	NA	NA	NA	NA	NA	NA
MW-109WT	3 - 8	7/13/95	20.0	0.66	7.58	>1000	12.4	NA	NA	NA
MW-109WT	3 - 8	6/12/96	17.3	0.659	7.48	7	0.99	Colorless	Clear	Odorless
MW-109WT	3 - 8	3/10/97	6.9	0.743	6.15	NA	0.24	Colorless	Clear	Odorless
MW-109WT	3 - 8	5/21/00	NA	NA	NA	NA	NA	NA	NA	NA
MW-110WT	3 - 8	7/13/95	NA[2]	NA[2]	NA[2]	NA[2]	NA[2]	NA[2]	NA[2]	NA[2]
MW-110WT	3 - 8	6/12/96	18.4	0.63	7.3	13	0.45	Colorless	Clear	Odorless
MW-110WT	3 - 8	3/6/97	3	0.828	7.7	7	1.3	Colorless	Clear	Odorless
MW-110WT	3 - 8	5/22/00	NA	0.848	6.17	0	NA	NA	NA	NA
MW-111WT	5.5 - 10.5	7/14/95	16.0	1.47	6.99	421	13.6	NA	NA	NA
MW-111WT	5.5 - 10.5	6/12/96	14.6	3.2	7.07	17	1.06	Brownish orange	Clear	Odorless
MW-111WT	5.5 - 10.5	3/7/97	9.2	4.47	6.65	150	0.25	Light brown	Turbid	Odorless
MW-111WT	5.5 - 10.5	6/30/99	14.93	1.366	7.04	9	6.5	Colorless	Clear	Odorless
MW-111WT	5.5 - 10.5	9/2/99	17.44	1.658	6.75	0.6	4.39	Colorless	Clear	Odorless
MW-111WT	5.5 - 10.5	5/19/00	NA	3.1	6.44	1.2	NA	NA	NA	NA
MW-111S1	12 - 17	7/14/95	15.8	0.69	8.87	363	13.5	Light brown	Turbid	Odorless
MW-111S1	12 - 17	6/12/96	14	0.536	7.65	10	0.6	Colorless	Clear	Sulfur odor
MW-111S2	25 - 30	7/13/95	16.5	0.73	6.75	61	13.3	Colorless	Clear	Odorless
MW-111S2	25 - 30	6/10/96	13.6	0.717	7.25	13	0.7	Colorless	Clear	Odorless
MW-111S3	36 - 41	7/13/95	16.5	10.00	13.18	NA	NA	NA	NA	NA
MW-111S3	36 - 41	6/10/96	19	2.72	11.89	277	1.36	Light gray	Turbid	Odor
MW-111S3	36 - 41	6/29/99	12.95	1.265	11.07	5.7	0.36	Colorless	Clear	Odorless
MW-111S3	36 - 41	5/19/00	NA	NA	NA	NA	NA	NA	NA	NA
MW-111S4	46 - 51	7/14/95	16.5	9.02	11.88	7	13.0	Colorless	Clear	Odorless
MW-111S4	46 - 51	6/10/96	15.5	5.22	12.08	30	1.05	NA	NA	NA
MW-111S4	46 - 51	3/7/97	13.5	4.33	11.33	100	0.41	Colorless	Clear	Odorless
MW-111S4	46 - 51	7/2/99	13.61	4.113	10.7	0.1	1.08	Colorless	Clear	Odorless
MW-111S4	46 - 51	9/2/99	17.3	NA	7.25	0	5.96	Colorless	Clear	Odorless
MW-111S4	46 - 51	5/23/00	NA	4.59	9.6	0	NA	NA	NA	NA
MW-112WT	3.5 - 8.5	7/17/95	16.7	1.55	7.30	642	11.8	Black	Turbid	Odorless
MW-112WT	3.5 - 8.5	6/12/96	13.5	2.44	7.87	12	0.62	Colorless	Clear	Odorless
MW-112WT	3.5 - 8.5	3/5/97	6.5	3.42	7.42	NA	2.16	Colorless	Clear	Odorless
MW-112WT	3.5 - 8.5	6/30/99	13.47	1.042	7.89	1.1	0.24	Colorless	Clear	Odorless

See Notes, Page 17.

TABLE 4-16

SUMMARY OF GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
MW-112WT	3.5 - 8.5	9/2/99	19.81	0.882	7.86	1.5	0.93	Slightly red	Clear	Odorless
MW-112WT	3.5 - 8.5	5/20/00	NA	2.6	6.48	3.2	NA	NA	NA	NA
MW-113WT	3.5 - 8.5	7/17/95	17.3	0.66	7.72	NA	NA	NA	NA	NA
MW-113WT	3.5 - 8.5	6/13/96	13.5	0.8	7.65	22	1.21	Light gray	Clear	Odorless
MW-113WT	3.5 - 8.5	3/6/97	4.9	1.31	7.46	158	1.39	NA	NA	NA
MW-114WT	3.5 - 8.5	7/17/95	19.5	1.68	7.18	NA	NA	NA	NA	NA
MW-114WT	3.5 - 8.5	6/8/96	11.8	13.4	5.95	30	9.28	Colorless	Clear	Odorless
MW-114WT	3.5 - 8.5	3/6/97	4.7	2.06	7.63	NA	2.5	Colorless	Clear	Odorless
MW-114WT	3.5 - 8.5	5/22/00	NA	4.49	6.01	10.4	NA	NA	NA	NA
MW-114S1	10.7 - 15.7	7/17/95	18.0	0.42	7.41	156	12.4	Colorless	Clear	Odorless
MW-114S1	10.7 - 15.7	6/7/96	13	0.417	7.62	55	10.9	Colorless	Clear	Odorless
MW-114S2	22.5 - 27.5	7/17/95	14.2	0.55	7.56	74	13.2	Colorless	Clear	Odorless
MW-114S2	22.5 - 27.5	6/7/96	12	0.451	7.35	2	9.39	Colorless	Clear	Odorless
MW-114S3	37.6 - 42.6	7/17/95	15.6	2.41	7.38	28	13.1	Colorless	Clear	Odorless
MW-114S3	37.6 - 42.6	6/7/96	13.5	2.15	7.59	4	8.19	Colorless	Clear	Odorless
MW-114S4	47.8 - 52.8	7/17/95	15.5	3.27	11.34	164	13.2	Colorless	Clear	Odorless
MW-114S4	47.8 - 52.8	6/7/96	13.8	2.21	9.03	3	8.51	Colorless	Clear	Odorless
MW-115WT	2.5 - 7.5	7/15/95	17.7	0.55	7.14	73	11.8	Colorless	Clear	Odorless
MW-115WT	2.5 - 7.5	6/7/96	10.8	0.661	7.54	6	10.1	Colorless	Clear	Odorless
MW-115S1	20 - 25	7/15/95	13.7	0.60	6.82	84	14.1	Colorless	Clear	Odorless
MW-115S1	20 - 25	6/7/96	11.7	0.479	7.25	0	9.77	Colorless	Clear	Odorless
MW-115S1	20 - 25	5/18/00	NA	NA	NA	NA	NA	NA	NA	NA
MW-115S2	32.5 - 37.5	7/15/95	14.2	2.19	6.73	375	13.4	Colorless	Clear	Odorless
MW-115S2	32.5 - 37.5	6/7/96	12.8	2	7.16	1	9.2	Colorless	Clear	Odorless
MW-115S3	41.5 - 46.5	7/15/95	14.3	2.42	6.83	81	13.6	Colorless	Clear	Odorless
MW-115S3	41.5 - 46.5	6/7/96	12.7	2.24	7.27	0	9.42	Colorless	Clear	Odorless
MW-116WT	2 - 7	7/15/95	15.6	2.83	6.77	11	13.5	Colorless	Clear	Odorless
MW-116WT	2 - 7	6/7/96	11.5	2.53	7.12	8	9.85	Colorless	Clear	Odorless
MW-116S1	27 - 32	7/15/95	13.1	1.73	6.48	29	15.2	Colorless	Clear	Odorless
MW-116S1	27 - 32	6/7/96	12	1.59	6.78	3	9.94	Colorless	Clear	Odorless
MW-116S2	44 - 49	7/15/95	14.2	2.29	6.82	22	14.3	Colorless	Clear	Odorless
MW-116S2	44 - 49	6/7/96	12.3	2.02	7.18	38	8.21	Colorless	Clear	Odorless
MW-117WT	3 - 13	6/20/95	14.8	4.13	6.51	NA	NA	Brown	Turbid	Odorless
MW-117WT	3 - 13	7/14/95	12.7	12.80	5.97	13	15.4	Colorless	Clear	Odorless
MW-117WT	3 - 13	6/11/96	10	25.7	6.16	3	2.94	Colorless	Clear	Odorless
MW-117WT	3 - 13	5/19/00	11.8	15.4	6.44	35.3	0.37	Colorless	Clear	Slight odor

See Notes, Page 17.

TABLE 4-16

SUMMARY OF GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
MW-117S1	24.2 - 29.2	6/20/95	18.3	2.63	7.46	NA	NA	Colorless	Clear	Odorless
MW-117S1	24.2 - 29.2	7/14/95	13.4	1.72	6.64	36	13.7	Colorless	Clear	Odorless
MW-117S1	24.2 - 29.2	6/11/96	11.5	1.57	6.78	3	2.73	Colorless	Clear	Odorless
MW-117S1	24.2 - 29.2	5/19/00	12.2	1.8	6.99	11.3	0.36	Colorless	Clear	Slight odor
MW-117S2	35 - 40	6/20/95	17.3	2.81	8.47	NA	NA	Colorless	Clear	Odorless
MW-117S2	35 - 40	7/14/95	13.1	2.14	6.94	59	15.3	Colorless	Slightly cloud	Odorless
MW-117S2	35 - 40	6/11/96	12.5	1.8	7.02	3	2.95	Colorless	Clear	Odorless
MW-117S2	35 - 40	5/20/00	NA	NA	NA	NA	NA	NA	NA	NA
MW-118WT	1.6 - 11.6	6/20/95	17.8	4.35	7.68	NA	NA	Brown	Turbid	Odorless
MW-118WT	1.6 - 11.6	7/14/95	14.1	13.60	6.13	20	14.8	Colorless	Clear	Odorless
MW-118WT	1.6 - 11.6	6/11/96	9.7	20.7	6.3	3	2.88	Colorless	Clear	Odorless
MW-118WT	1.6 - 11.6	5/17/00	10.2	2.96	6.4	33	NA	Colorless	Clear	Slight odor
MW-118S1	23.5 - 28.5	6/20/95	19.4	2.68	7.2	NA	NA	Colorless	Clear	Odorless
MW-118S1	23.5 - 28.5	7/14/95	13.4	1.65	6.67	56	15.6	Colorless	Clear	Odorless
MW-118S1	23.5 - 28.5	6/11/96	11.6	1.57	6.96	2	2.76	Colorless	Clear	Odorless
MW-118S1	23.5 - 28.5	5/17/00	12.8	0.174	7	28	0.36	Colorless	Clear	Slight odor
MW-118S2	38.5 - 43.5	6/20/95	18.1	2.85	8.62	NA	NA	Colorless	Clear	Odorless
MW-118S2	38.5 - 43.5	7/14/95	14.2	1.99	6.95	82	14.6	Colorless	Clear	Odorless
MW-118S2	38.5 - 43.5	6/11/96	12	1.87	7.22	2	2.74	Colorless	Clear	Odorless
MW-119WT	2 - 12	7/17/95	12.5	1.83	6.71	118	14.6	Colorless	Clear	Odorless
MW-119WT	2 - 12	6/10/96	9.8	1.76	6.96	23	2.28	Colorless	Clear	Odorless
MW-119WT	2 - 12	5/21/00	NA	NA	NA	NA	NA	NA	NA	NA
MW-119S1	24 - 29	7/17/95	13.2	1.55	6.59	26	14.9	Colorless	Clear	Odorless
MW-119S1	24 - 29	6/10/96	12.1	1.44	6.92	0	2.22	Colorless	Clear	Odorless
MW-119S2	36.5 - 41.5	7/17/95	14.0	1.88	6.96	125	14.6	Colorless	Slightly cloud	Odorless
MW-119S2	36.5 - 41.5	6/10/96	12.1	1.66	7.33	15	2.43	Colorless	Clear	Odorless
MW-120WT	4 - 14	7/18/95	12.1	1.75	6.63	35	14.3	Colorless	Clear	Odorless
MW-120WT	4 - 14	6/11/96	9	1.54	7	12	1.61	Colorless	Clear	Odorless
MW-120S1	23.8 - 28.8	7/18/95	11.5	1.60	7.16	1	14.4	Colorless	Clear	Odorless
MW-120S1	23.8 - 28.8	6/11/96	10.6	1.59	7.11	7	1.96	Colorless	Clear	Sulfur odor
MW-120S2	36 - 41	7/18/95	12.1	1.83	6.94	65	14.0	Colorless	Clear	Odorless
MW-120S2	36 - 41	6/11/96	10.9	1.77	7.29	15	0.69	Colorless	Clear	Sulfur odor
MW-121WT	3.5 - 13.5	7/18/95	12.3	1.30	7.10	8	13.9	Colorless	Clear	Odorless
MW-121WT	3.5 - 13.5	6/4/96	9.3	1.15	6.98	3	7.78	Colorless	Clear	Odorless
MW-121S1	21.5 - 26.5	7/18/95	11.7	1.65	7.24	59	14.4	Colorless	Clear	Odorless
MW-121S1	21.5 - 26.5	6/13/96	10.5	1.42	6.89	3	5.39	Colorless	Clear	Odorless

See Notes, Page 17.

TABLE 4-16

SUMMARY OF GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
MW-121S2	34.8 - 39.8	7/18/95	12.0	1.74	7.42	39	14.7	Colorless	Clear	Odorless
MW-121S2	34.8 - 39.8	6/13/96	11.2	1.57	7.07	2	5.3	Colorless	Clear	Odorless
MW-122WT	2 - 12	7/18/95	13.9	1.52	7.11	373	13.3	Light brown	Slightly turbid	Odorless
MW-122S1	18.1 - 23.1	7/18/95	11.2	1.55	7.16	38	14.6	Colorless	Clear	Odorless
MW-122S1	18.1 - 23.1	6/4/96	10	1.47	7.04	4	8.25	Colorless	Clear	Odorless
MW-122S2	25.8 - 30.8	7/18/95	11.4	1.70	7.22	44	15.5	Colorless	Clear	Odorless
MW-122S2	25.8 - 30.8	6/4/96	11.2	1.58	7.06	10	5.01	Colorless	Clear	Odorless
MW-123WT	3 - 8	7/18/95	12.2	1.19	7.25	59	14.7	Colorless	Clear	Odorless
MW-123S1	15 - 20	7/18/95	11.8	1.30	7.28	43	14.3	Colorless	Clear	Odorless
MW-124WT	2 - 7	7/19/95	15.4	0.66	7.39	657	10.2	Light brown	Cloudy	Odorless
MW-124WT	2 - 7	6/3/96	12.7	0.546	7.25	0	5.19	Colorless	Clear	Odorless
MW-124S1	11.5 - 16.5	7/19/95	12.0	0.78	7.57	21	12.1	Colorless	Clear	Odorless
MW-124S1	11.5 - 16.5	6/3/96	9.9	0.678	7.48	0	4.72	Colorless	Clear	Odorless
MW-125WT	2.5 - 12.5	7/19/95	14.4	0.87	7.28	54	11.9	Colorless	Slightly cloud	Odorless
MW-125WT	2.5 - 12.5	6/4/96	13.1	0.662	7.18	6	9.24	Colorless	Clear	Odorless
MW-126WT	3 -13	7/30/95	16.0	1.32	7.29	>1000	8.0	Light brown	Turbid	Odorless
MW-126WT	3 -13	6/6/96	11.6	1.25	7.26	0	8.56	Colorless	Clear	Odorless
MW-127WT	2 - 12	7/26/95	13.1	0.97	6.66	>1000	13.2	Brown	Turbid	Odorless
MW-127S1	16.5 - 21.5	7/26/95	11.7	1.41	6.76	127	14.3	Colorless	Clear	Odorless
MW-128WT	3 - 13	7/26/95	14.2	6.18	6.45	578	12.3	Light brown	Slightly turbid	Slight
MW-128WT	3 - 13	3/12/97	7.4	5.73	5.32	50	0.87	Colorless	Clear	Odorless
MW-128WT	3 - 13	5/19/00	16.6	3.52	7.34	10.8	0.25	Colorless	Clear	Odorless
MW-128S1	18.5 - 23.5	7/26/95	12.9	5.66	6.45	166	13.1	Colorless	Clear	NA
MW-128S1	18.5 - 23.5	3/12/97	11.9	6.1	5.19	10	0.05	Colorless	Clear	Odorless
MW-128S1	18.5 - 23.5	5/19/00	16.2	5.7	6.49	8.2	0.2	Colorless	Clear	NA
MW-129WT	2 - 12	7/28/95	16.1	2.21	7.01	>1000	12.4	Brown	Turbid	Odorless
MW-129WT	2 - 12	6/12/96	12.6	2.14	6.36	118	4.03	Brown	Turbid	Odorless
MW-130WT	3 - 13	7/20/95	17.9	4.52	6.45	11	10.8	Colorless	Clear	Odorless
MW-130WT	3 - 13	6/6/96	11.7	3.85	7.13	14	1.17	Colorless	Clear	Odorless
MW-130S1	26 - 31	7/20/95	14.9	1.84	6.99	37	12.6	Colorless	Clear	Odorless
MW-130S1	26 - 31	6/6/96	13.6	1.5	7	30	1.7	Light yellow	Clear	Sulfur odor
MW-130S2	36 - 41	7/20/95	14.9	1.76	6.67	16	12.6	Colorless	Clear	Odorless
MW-130S2	36 - 41	6/6/96	13.7	1.53	7.15	6	2.13	Colorless	Clear	Odorless
MW-130S3	46 - 51	7/20/95	15.4	1.95	6.85	23	12.2	Colorless	Clear	Odorless
MW-130S3	46 - 51	6/6/96	13.8	1.52	7.43	10	1.7	Light yellow	Clear	Sulfur odor
MW-131WT	42.5 - 45	7/27/95	20.3	0.51	7.28	76	9.5	Colorless	Clear	Odorless
MW-131S1	2 - 12	7/27/95	14.2	1.71	6.80	137	13.0	Colorless	Clear	Odorless

See Notes, Page 17.

TABLE 4-16

SUMMARY OF GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
MW-131S2	49.5 - 52	7/27/95	14.6	3.25	6.94	115	12.4	Colorless	Clear	Odorless
MW-131S2	49.5 - 52	6/6/96	13.2	2.94	7.45	9	1.43	Colorless	Clear	Odorless
MW-132WT	4 - 14	7/21/95	19.3	1.19	6.59	64	9.6	Colorless	Clear	Odorless
MW-132WT	4 - 14	6/6/96	14.5	0.35	7.79	23	1.06	Colorless	Clear	Odorless
MW-132S1	22 - 27	7/21/95	18.2	1.05	6.80	452	10.3	Light brown	Turbid	Odorless
MW-132S1	22 - 27	6/7/96	16.5	1.13	7.14	211	1.78	Light gray	Turbid	Odorless
MW-133WT	4 - 14	7/20/95	17.9	3.91	6.77	90	10.6	Colorless	Clear	Odorless
MW-133S1	37 - 42	7/20/95	14.0	2.36	6.79	20	12.3	Colorless	Clear	Odorless
MW-133S2	49 - 54	7/20/95	13.3	4.98	7.02	10	12.7	Colorless	Clear	Odorless
MW-134WT	4 - 9	7/20/95	14.9	1.27	7.52	44	12.0	Colorless	Clear	Odorless
MW-134S1	34 - 39	7/20/95	13.7	2.04	6.77	44	12.6	Colorless	Clear	Odorless
MW-134S2	46.7 - 51.7	7/20/95	14.6	8.52	6.67	66	12.1	Colorless	Clear	Odorless
MW-135WT	5 - 15	7/21/95	18.7	1.84	7.00	15	9.6	Colorless	Clear	Slight odor
MW-135WT	5 - 15	6/18/96	15.6	1.45	6.58	2	0.6	Colorless	Clear	Odor
MW-135WT	5 - 15	7/31/98	20.3	2.8	7.7	79	4	NA	NA	NA
MW-135WT	5 - 15	10/27/98	21	2.5	7.87	4.11	0.54	NA	NA	NA
MW-135WT	5 - 15	1/28/99	14.3	2.04	7.98	33.7	0.18	NA	NA	NA
MW-135WT	5 - 15	4/12/99	16.3	2.43	7.58	6.75	0.29	NA	NA	NA
MW-135WT	5 - 15	7/14/99	27	2.055	7.13	65.6	0.39	NA	NA	NA
MW-135WT	5 - 15	10/22/99	17.8	2.05	6.88	3.62	0.75	NA	NA	NA
MW-135WT	5 - 15	1/12/00	25.4	1.15	7.1	8	0.29	NA	NA	NA
MW-135WT	5 - 15	5/18/00	17.8	2.97	7.11	12	0.34	NA	NA	NA
MW-135WT	5 - 15	8/23/00	20.2	0.309	7.57	3	0.4	NA	NA	NA
MW-135S1	23.7 - 28.7	7/21/95	16.9	1.95	6.57	224	10.2	Light brown	Slightly turbid	Odorless
MW-135S2	32 - 37	7/21/95	17.9	1.01	6.83	107	9.9	Colorless	Clear	Odorless
MW-135S3	42.5 - 47.5	7/21/95	17.7	0.87	6.92	>1000	10.0	Light brown	Turbid	Odorless
MW-136WT	13 - 23	7/20/95	12.9	2.25	7.83	40	14.3	Colorless	Clear	Odorless
MW-136WT	13 - 23	6/6/96	11	1.88	8.21	10	1.86	Colorless	Clear	Odorless
MW-136S1	37 - 42	7/20/95	13.6	1.75	6.81	130	13.4	Colorless	Slightly turbid	Odorless
MW-136S2	44 - 49	7/20/95	13.8	3.62	7.03	357	13.6	Light brown	Turbid	Odorless
MW-136S2	44 - 49	6/5/96	12.6	3.34	7.46	41	2.32	Colorless	Clear	Odorless
MW-137WT	4 - 14	7/28/95	20.4	7.26	7.62	>1000	10.0	Gray	Turbid	Odorless
MW-138WT	14 - 24	7/28/95	13.7	1.24	7.09	NA	NA	Brown	Turbid	Odorless
MW-138WT	14 - 24	6/10/96	13.9	1.34	7.48	55	5.15	Light yellow	Turbid	Odorless
MW-138WT	14 - 24	3/12/97	8.2	1.3	7.02	NA	2.45	Light yellow	Turbid	Odorless

See Notes, Page 17.

TABLE 4-16

SUMMARY OF GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
MW-139WT	13 - 23	7/30/95	16.1	1.84	7.69	46	8.4	Colorless	Clear	Odorless
MW-139WT	13 - 23	6/13/96	14.7	1.14	7.51	2	5.92	Colorless	Clear	Odorless
MW-139WT	13 - 23	3/12/97	NA	NA	NA	NA	NA	Colorless	Clear	Odorless
MW-139WT	13 - 23	7/31/98	13.5	1.44	7.35	28.6	5.6	NA	NA	NA
MW-139WT	13 - 23	10/27/98	18.5	1.665	7.37	3.67	0.85	NA	NA	NA
MW-139WT	13 - 23	1/28/99	11.5	1.7	7.4	3.71	0.86	NA	NA	NA
MW-139WT	13 - 23	4/12/99	12	1.448	7.48	2.8	1.22	NA	NA	NA
MW-139WT	13 - 23	7/14/99	20.3	1.41	7.34	3.58	0.45	NA	NA	NA
MW-139WT	13 - 23	10/22/99	15.6	1.56	7.22	2.46	0.97	NA	NA	NA
MW-139WT	13 - 23	1/12/00	26.2	1.28	7.2	1	0.48	NA	NA	NA
MW-139WT	13 - 23	5/19/00	14.6	1.4	6.87	41	1.17	NA	NA	NA
MW-139WT	13 - 23	8/23/00	17.7	1.358	7.69	1	1.17	NA	NA	NA
MW-140WT	11 - 21	7/20/95	17.2	3.83	6.60	>1000	11.0	Brown	Turbid	Odorless
MW-140WT	11 - 21	6/5/96	11.6	3.54	7.46	>1000	6.78	Brown	Turbid	Odorless
MW-140WT	11 - 21	5/17/00	NA	NA	NA	NA	NA	NA	NA	NA
MW-140S1	28.5 - 33.5	7/20/95	13.7	21.90	6.47	42	12.4	Colorless	Clear	Odorless
MW-140S1	28.5 - 33.5	6/5/96	13.3	1.85	7.09	50	1.41	Colorless	Clear	Odorless
MW-140S2	45.5 - 50.5	7/20/95	14.0	20.00	6.60	47	12.4	Colorless	Clear	Odorless
MW-140S2	45.5 - 50.5	6/5/96	13.8	16.53	7.18	10	2.29	Colorless	Clear	Sulfur odor
MW-140S2	45.5 - 50.5	5/17/00	NA	NA	NA	NA	NA	NA	NA	NA
MW-141WT	4 - 14	7/28/95	16.7	3.69	6.88	706	11.5	Colorless	Slightly turbid	Odorless
MW-142WT	3 - 13	7/30/95	13.7	10.00	7.36	122	9.9	Colorless	Clear	Odorless
MW-142WT	3 - 13	6/11/96	12.4	3.84	7.8	32	0.32	Colorless	Clear	Sulfur odor
MW-143WT	6 - 16	7/25/95	14.4	1.91	7.64	605	13.5	Black	Turbid	Slight odor
MW-143WT	6 - 16	6/8/96	9.9	1.81	8.26	4	10.4	Colorless	Clear	Odorless
MW-144WT	2 - 12	7/29/95	17.5	3.92	6.82	292	8.7	Colorless	Clear	Slight odor
MW-144WT	2 - 12	6/8/96	11.8	3.95	6.74	4	11.3	Colorless	Clear	Odorless
MW-144WT	2 - 12	5/23/00	NA	NA	NA	NA	NA	NA	NA	NA
MW-145WT	7 - 17	7/28/95	14.1	9.17	8.23	159	12.3	olorless, sheen inititall	Clear	Slight odor
MW-145WT	7 - 17	6/4/96	10.4	2.25	9.3	3	2.08	ight yellow, slight shin	Clear	Slight odor
MW-146WT	7 - 17	7/28/95	13.8	2.65	7.70	358	12.9	Light black	Slightly turbid	Slight odor
MW-146WT	7 - 17	6/12/96	11.5	2.35	7.63	7	3.12	olorless, sheen inititall	Clear	Odorless
MW-147WT	5 - 15	7/30/95	NA[3]	NA[3]	NA[3]	NA[3]	NA[3]	Colorless	Clear	Slight odor
MW-148WT	5 - 15	7/30/95	NA[3]	NA[3]	NA[3]	NA[3]	NA[3]	Colorless	Clear	Slight odor
MW-149WT	7 - 17	6/12/96	11.2	0.78	7.4	22	1.64	Colorless	Clear	Odorless
MW-149WT	7 - 17	3/10/97	11	0.854	5.88	NA	0.29	Colorless	Clear	Odorless
MW-149WT	7 - 17	5/21/00	NA	NA	NA	NA	NA	NA	NA	NA

See Notes, Page 17.

TABLE 4-16

SUMMARY OF GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
MW-150WT	3 - 13	6/13/96	14.5	2.07	7.63	10	0.75	Colorless	Clear	Odorless
MW-151WT	6 - 16	10/20/95	16.8	1.65	7.49	10	NA	Colorless	Clear	Odorless
MW-152WT	6 - 16	10/20/95	16.5	1.61	7.67	7	NA	Light brown	Slightly turbid	Odorless
MW-152WT	6 - 16	6/5/96	14.4	2.29	7.7	20	1.54	Colorless	Clear	Odorless
MW-153WT	6 - 16	10/20/95	23.6	2.23	7.18	6	2.7	Colorless	Clear	Odorless
MW-153WT	6 - 16	6/7/96	17	1.97	6.97	290	0.8	Light gray	Clear	Odorless
MW-154WT	6 - 16	10/19/95	31.5	1.14	7.29	64	NA	Colorless	Clear	Odorless
MW-154WT	6 - 16	6/13/96	17.5	0.99	7.46	40	0.56	Gray	Slightly turbid	Odorless
MW-155WT	6 - 16	10/19/95	22.7	2.47	7.35	10	NA	Colorless	Clear	Odorless
MW-156WT	6 - 16	10/20/95	21.3	1.38	7.42	140	NA	Medium brown	Turbid	Odorless
MW-156WT	6 - 16	6/7/96	15.3	1.26	7.27	83	0.79	Light brown	Turbid	Odorless
MW-171WT	6.7-16.2	3/12/97	9.4	1.49	5.72	0	0.03	Colorless	Clear	Odorless
MW-183WT	6 - 16	8/17/00	13.02	1.16	6.94	0	1.25	NA	NA	NA
MW-184WT	3 - 13	8/17/00	15.14	1.13	6.93	0.8	0.63	NA	NA	NA
UST-MWS1	27-32	7/27/95	18.6	1.06	6.83	369	10.8	Colorless	Slightly turbid	Odorless
UST-MWS1	27-32	6/10/96	17.3	3.28	7.28	>1000	1.9	Brown	Turbid	Odorless
UST-MWS2	40.1-45.1	7/26/95	17.0	1.08	6.52	87	11.0	Colorless	Clear	Odorless
UST-MWS2	40.1-45.1	6/10/96	16.5	1.13	6.95	12	0.79	Colorless	Clear	Odorless
UST7-1	5-10	6/19/96	19.1	0.51	6.44	143	1.93	Gray, sheen	Turbid	Odor
UST7-1	5-10	5/18/00	NA	NA	NA	NA	NA	NA	NA	NA
UST7-2	5.3-10.3	6/19/96	17	0.74	6.24	>1000	0.88	Black, sheen	Very turbid	Strong Odor
UST7-2	5.3-10.3	7/31/98	22.7	0.64	7.1	401	3.2	NA	NA	NA
UST7-2	5.3-10.3	10/27/98	22.6	0.317	7.19	3.92	1.61	NA	NA	NA
UST7-2	5.3-10.3	1/28/99	16.5	0.629	7.16	79.5	0.71	NA	NA	NA
UST7-2	5.3-10.3	4/12/99	14.3	0.88	7.2	115	0.48	NA	NA	NA
UST7-2	5.3-10.3	7/14/99	25.8	0.831	6.93	14.9	0.18	NA	NA	NA
UST7-2	5.3-10.3	10/22/99	21.6	0.993	6.75	2	0.69	NA	NA	NA
UST7-2	5.3-10.3	1/12/00	22.5	0.843	6.86	9	0.88	NA	NA	NA
UST7-2	5.3-10.3	5/17/00	20.8	1.31	6.28	>1000	0.32	NA	NA	NA
UST7-2	5.3-10.3	8/23/00	21.2	0.307	7.81	3	0.77	NA	NA	NA
UST7-3R	3.3-13.3	7/31/98	22.9	2.4	7.5	290	4	NA	NA	NA
UST7-3R	3.3-13.3	10/27/98	23.3	2.4	7.72	4.17	0.59	NA	NA	NA
UST7-3R	3.3-13.3	1/28/99	15.5	2.19	7.35	67.3	0.39	NA	NA	NA
UST7-3R	3.3-13.3	4/12/99	15.9	2.51	7.73	35.1	0.21	NA	NA	NA
UST7-3R	3.3-13.3	7/14/99	28.1	1.99	7.31	11.3	0.18	NA	NA	NA
UST7-3R	3.3-13.3	10/22/99	17.4	1.861	7.07	1.25	0.75	NA	NA	NA

See Notes, Page 17.

TABLE 4-16

SUMMARY OF GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
UST7-3R	3.3-13.3	1/12/00	22.3	0.991	7.29	16	0.36	NA	NA	NA
UST7-3R	3.3-13.3	5/19/00	19.2	0.732	7.46	38	0.35	NA	NA	NA
UST7-3R	3.3-13.3	8/23/00	21.3	0.659	8.01	3	0.34	NA	NA	NA
UST7-4	7-12	6/19/96	14.4	0.9	6.84	23	2.28	Colorless	Clear	Odor
UST7-4	7-12	7/31/98	20.2	1.01	7.42	99	3	NA	NA	NA
UST7-4	7-12	10/27/98	20.4	0.866	7.26	5.82	0.6	NA	NA	NA
UST7-4	7-12	1/28/99	13.1	1.12	7.45	36.3	0.36	NA	NA	NA
UST7-4	7-12	4/12/99	12.6	1.15	7.3	36.4	0.16	NA	NA	NA
UST7-4	7-12	7/14/99	23.1	0.972	7.08	6.04	0.14	NA	NA	NA
UST7-4	7-12	10/22/99	17.6	1.085	7.16	1.7	0.78	NA	NA	NA
UST7-4	7-12	1/12/00	25.3	0.875	7.31	29	0.51	NA	NA	NA
UST7-4	7-12	5/18/00	17.3	2.19	7.44	27	0.24	NA	NA	NA
UST7-4	7-12	8/23/00	20.2	0.668	7.64	1	0.53	NA	NA	NA
UST7-5	7-12	6/19/96	22.8	0.68	6.74	578	0.7	Brown	Slightly turbid	Odorless
UST7-5	7-12	7/31/98	26	6.5	7.16	261	3.8	NA	NA	NA
UST7-5	7-12	10/27/98	22.6	0.839	7.14	8.13	0.34	NA	NA	NA
UST7-5	7-12	1/28/99	11.4	0.89	7.91	9.9	3.18	NA	NA	NA
UST7-5	7-12	4/12/99	18.3	2.9	7.1	29.8	0.37	NA	NA	NA
UST7-5	7-12	7/14/99	26.3	0.35	6.81	28.4	0.45	NA	NA	NA
UST7-5	7-12	10/22/99	17	0.609	7.1	1.36	1.21	NA	NA	NA
UST7-5	7-12	1/12/00	23.6	1.024	7.61	121	0.24	NA	NA	NA
UST7-5	7-12	5/17/00	22.8	1.9	7.46	101	0.27	NA	NA	NA
UST7-5	7-12	8/23/00	23.3	3.47	7.96	27	0.35	NA	NA	NA
UST7-6	7-12	6/19/96	18.9	0.62	6.72	11	0.1	Colorless	Clear	Odorless
BBL-MW1	4.2-13.7	6/20/96	26.2	0.34	7	21	0.26	Colorless	Clear	Odor
BBL-MW1	4.2-13.7	7/31/98	26	0.676	6.95	74.9	4	NA	NA	NA
BBL-MW1	4.2-13.7	10/27/98	25.7	0.626	6.98	2.24	0.89	NA	NA	NA
BBL-MW1	4.2-13.7	1/28/99	17.9	1.008	6.94	27.1	0.78	NA	NA	NA
BBL-MW1	4.2-13.7	4/12/99	18.3	1.2	6.85	34.9	0.28	NA	NA	NA
BBL-MW1	4.2-13.7	7/14/99	26.8	0.354	6.6	83.9	0.24	NA	NA	NA
BBL-MW1	4.2-13.7	10/22/99	23.5	0.335	6.41	1.39	0.51	NA	NA	NA
BBL-MW1	4.2-13.7	1/12/00	24.5	0.999	6.75	7	0.48	NA	NA	NA
BBL-MW1	4.2-13.7	5/18/00	22.8	1.9	7.46	101	0.27	NA	NA	NA
BBL-MW1	4.2-13.7	8/23/00	23	2.5	7.49	4	0.53	NA	NA	NA
BBL-MW2	4.7-14.2	6/18/96	25.8	0.34	6.51	11	0.53	Colorless	Clear	Odor
BBL-MW2	4.7-14.2	5/19/00	NA	NA	NA	NA	NA	NA	NA	NA

See Notes, Page 17.

TABLE 4-16

SUMMARY OF GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well ID	Screen Interval (Feet Below Grade)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
BBL-MW3	5.2-14.7	6/18/96	15.1	0.68	6.29	37	0.59	Colorless	Clear	Odorless
BBL-MW3	5.2-14.7	5/17/00	NA	NA	NA	NA	NA	NA	NA	NA
BBL-MW4	5.2-14.7	6/18/96	12.9	1.19	6.66	2	0.43	Colorless	Clear	Odor
BBL-MW4	5.2-14.7	7/31/98	19.9	1.11	7.1	72.5	3.8	NA	NA	NA
BBL-MW4	5.2-14.7	10/27/98	19.2	1.015	7.29	15.5	2.07	NA	NA	NA
BBL-MW4	5.2-14.7	1/28/99	12.9	1.777	7.17	33.7	0.18	NA	NA	NA
BBL-MW4	5.2-14.7	4/12/99	12	3.089	7.05	34.9	0.05	NA	NA	NA
BBL-MW4	5.2-14.7	7/14/99	27.8	4.23	7.3	72.9	0.5	NA	NA	NA
BBL-MW4	5.2-14.7	10/22/99	17	1.409	7.02	1.7	0.78	NA	NA	NA
BBL-MW4	5.2-14.7	1/12/00	23.4	0.972	7.33	5	0.19	NA	NA	NA
BBL-MW4	5.2-14.7	5/18/00	17.2	3.95	7.44	30	0.11	NA	NA	NA
BBL-MW4	5.2-14.7	8/23/00	19	1.79	7.67	24	0.4	NA	NA	NA
BBL-MW5	5.2-14.7	6/19/96	16.9	0.66	6.79	15	0.27	Colorless	Clear	Odorless
BBL-MW5	5.2-14.7	5/19/00								

Surface Water Sampling Point ID	Sampling Depth (feet)	Sampling Date	Temperature (Deg C)	Specific Conductivity (mS/cm)	pH	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Color	Visual Turbidity	Odor
SW-01	4.0	6/13/95	20	4.46	7.32	NA	11	NA	NA	NA
SW-02	2.8	6/13/95	20	4.56	8.13	NA	7.85	NA	NA	NA
SW-03	2.7	6/13/95	19.5	2.21	7.88	NA	7.9	NA	NA	NA
SW-04	1.3	6/14/95	23	1.33	8.23	NA	5.1	5.1	NA	NA
SW-05	1.1	6/13/95	22	2.47	8.36	NA	8	8	NA	NA
SW-06	0.6	6/14/95	26	0.4	8.45	NA	7.8	7.8	NA	NA
SW-07	0.4	6/14/95	22	1.29	8.25	NA	8.3	8.3	NA	NA
SW-08	1.7	6/14/95	21	1.44	8.36	NA	7.95	7.95	NA	NA
SW-09	1.7	6/14/95	21	2.37	8.24	NA	6.1	6.1	NA	NA
SW-10	1.0	6/14/95	21	2.91	9.12	NA	17	17	NA	NA
SW-11	1.0	6/14/95	22	4.87	8.21	NA	6.1	6.1	NA	NA
SW-12	0.8	6/14/95	22	1.46	8.26	NA	4.5	4.5	NA	NA
SW-13	0.4	6/14/95	29	3.46	8.04	NA	6.2	6.2	NA	NA
SW-14	0.8	6/14/95	24	1.31	8.25	NA	8	8	NA	NA
SW-15	0.8	6/14/95	26	1.28	8.22	NA	8.8	8.8	NA	NA
SW-17	0.8	6/15/95	22	1.03	8.51	NA	12.05	12.05	NA	NA
SW-19	1.7	6/15/95	22	2.11	8.71	NA	11	11	NA	NA
SW-20	2.5	6/15/95	22	2.12	8.06	NA	10.85	10.85	NA	NA
SW-21	2.7	6/15/95	22	2.06	8.61	NA	11	11	NA	NA

See Notes, Page 17.

TABLE 4-16

SUMMARY OF GROUNDWATER AND SURFACE WATER FIELD PARAMETER DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

General Notes:
NA = Not available.
UST7 and BBL monitoring wells had dissolved oxygen measured using a Horiba meter and a YSI meter, respectively.
TOC = Top of casing.
mS/cm = Millisiemens per centimeter.
NTU = Nephelometric turbidity units.
mg/L = Milligrams per liter (mg/L), equivalent to parts per million (ppm).
[1] Well went dry during purging; value represents pre-purge conditions.
[2] Monitoring well did not produce enough water to measure field parameters or sample.
[3] LNAPL was present in monitoring well; field parameters not measured.

TABLE 4-17

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic	B-7R (5 - 15')		B-7BAUG (37.5 - 42.5')		B-7CAUG (44.3 - 49.3')		MW-5A (5 - 15')		MW-5B (25 - 30')		MW-6A (6 - 16')	MW-6B (27.5 - 32.5')		MW-6CAUG (37.5 - 42.5')		
	GSI	6/13/96		7/17/95	6/11/96	7/17/95	6/11/96	7/13/95	6/8/96	7/13/95	6/8/96	6/9/96	7/13/95	6/9/96	7/13/95	6/9/96	5/22/00
Constituents (ug/L)	Value	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-Trichloroethane	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	78 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 UJ
1,1,2-Trichloroethane	330 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
1,1-Dichloroethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
1,1-Dichloroethene	65 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
1,2-Dichlorobenzene	16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	NA
1,3-Dichlorobenzene	38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	NA
1,4-Dichlorobenzene	13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	NA
1,2-Dichloroethane	360 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
1,2-Dichloroethene, Total	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
1,2-Dichloropropane	290 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
2-Butanone	2,200 {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 U	100 UJ	50 U	10 U
2-Hexanone	NA	50 U	50 U	50 U	50 U	50 U	50 U	R	50 U	R	50 U	50 U	R	50 U	100 UJ	50 U	10 U
4-Methyl-2-pentanone	ID {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 UJ	50 U	10 U
Acetone	1,700 {I}	100 U	100 U	50 U	100 U	50 U	**5.9 J**	50 U	100 U	**1.8 J**	100 U	100 U	50 U	100 U	100 UJ	100 U	10 U
Benzene	200 {I,X}	**0.41 J**	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	5.0 U	1.0 U	5.0 U	**6.0 J**	**1.4 J**	**0.51 JB**
Bromodichloromethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
Bromoform	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
Bromomethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
Carbon disulfide	ID {I,R}	50 U	50 U	50 U	50 U	50 U	**2.3 J**	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 UJ	50 U	**0.26 J**
Carbon tetrachloride	45 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
Chlorobenzene	47 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
Chlorodibromomethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
Chloroethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
Chloroform	170 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
Chloromethane	ID {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
cis-1,2-Dichloroethene	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
cis-1,3-Dichloropropene	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	0.50 U
Ethylbenzene	18 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
Methylene chloride	940 {X}	5.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	5.0 U	1.0 U	5.0 U	**10 J**	**2.6**	**2.2**
Styrene	80	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	5.0 U	1.0 U
Tetrachloroethene	45 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
Toluene	140 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**43 J**	**7.8**	1.0 U
trans-1,2-Dichloroethene	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	0.50 U
trans-1,3-Dichloropropene	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
Trichloroethene	200 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
Vinyl chloride	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U	1.0 U
Xylenes, Total	35 {I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	**56 J**	**15**	**13**

See generic notes pages.

TABLE 4-17

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-6DAUG (47.8 - 52.8')		MW-107WT (4 - 9')		MW-107S1 (12.5 - 17.5')		MW-107S2 (21.4 - 26.4')		MW-108WT (2.5 - 7.5')		MW-108S1 (8.8 - 13.8')		MW-108S2 (22 - 27')		MW-108S3 (39.8 - 44.8')	
		7/13/95 FS	6/9/96 FS	7/12/95 FS	6/7/96 FS	7/12/95 FS	6/7/96 FS	7/12/95 FS	6/7/96 FS	7/13/95 FS	6/8/96 FS	7/13/95 FS	6/8/96 FS	7/13/95 FS	6/8/96 FS	7/13/95 FS	6/8/96 FS
1,1,1-Trichloroethane	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	78 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	330 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	65 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	16	1.0 U	**0.42 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	360 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	290 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	2,200 {I}	50 UJ	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 U	50 UJ	50 U
2-Hexanone	NA	R	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ	50 U	R	50 U	R	50 U	R	50 U	R	50 U
4-Methyl-2-pentanone	ID {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Acetone	1,700 {I}	50 U	100 U	50 U	100 U	50 U	100 U	50 U	100 U	50 U	100 U	50 U	100 U	50 U	100 U	50 U	100 U
Benzene	200 {I,X}	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U
Bromodichloromethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ID {I,R}	50 U	**0.83 J**	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Carbon tetrachloride	45 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	47 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	170 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	ID {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	18 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	940 {X}	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U
Styrene	80	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	45 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	140 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	200 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	35 {I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-17

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-108S4 (45 - 50')		MW-109WT (3 - 8')		MW-110WT (3 - 8')	MW-111WT (5.5 - 10.5')		MW-111S1 (12 - 17')		MW-111S2 (25 - 30')			MW-111S3 (36 - 41')		MW-111S4 (46 - 51')	
		7/13/95	6/8/96	7/13/95	6/12/96	6/12/96	7/14/95	6/12/96	7/14/95	6/12/96	7/13/95		6/10/96	7/13/95	6/10/96	7/14/95	6/10/96
		FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS	FS	FS	FS
1,1,1-Trichloroethane	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	78 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	330 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	65 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	360 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	290 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	2,200 {I}	50 UJ	50 U	50 UJ	50 U	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ	50 UJ	50 U	**12 J**	**4.2 J**	50 UJ	50 U
2-Hexanone	NA	R	50 U	R	50 U	50 U	R	50 U	R	50 U	R	R	50 U	R	50 U	R	50 U
4-Methyl-2-pentanone	ID {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	50 U
Acetone	1,700 {I}	50 U	100 U	50 U	100 U	100 U	50 U	100 U	50 U	100 U	50 U	50 U	100 U	**64 J**	**42 J**	**7.8 J**	**21 J**
Benzene	200 {I,X}	1.0 U	5.0 U	1.0 U	5.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	2.0 U	5.0 U	1.0 U	5.0 U
Bromodichloromethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ID {I,R}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	100 U	**5.8 J**	50 U	**3.2 J**
Carbon tetrachloride	45 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	47 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Chloroform	170 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	ID {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	18 {I}	1.0 U	**0.40 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	940 {X}	1.0 U	5.0 U	1.0 U	5.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	2.0 U	5.0 U	1.0 U	5.0 U
Styrene	80	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	45 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Toluene	140 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**12**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	200 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	35 {I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	6.0 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-17

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-112WT (3.5 - 8.5')		MW-113WT (3.5 - 8.5')		MW-114WT (3.5 - 8.5')	MW-114S1 (10.7 - 15.7')		MW-114S2 (22.5 - 27.5')		MW-114S3 (35.5 - 40.5')		MW-114S4 (47.8 - 52.8')		MW-149WT (7 - 17')
		7/17/95 FS	6/12/96 FS	7/17/95 FS	6/13/96 FS	6/8/96 FS	7/17/95 FS	6/7/96 FS	7/17/95 FS	6/7/96 FS	7/17/95 FS	6/7/96 FS	7/17/95 FS	6/7/96 FS	6/12/96 FS
1,1,1-Trichloroethane	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	78 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	330 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	65 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	360 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	290 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	2,200 {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Hexanone	NA	50 U	50 U	50 U	50 U	50 U	R	50 U	R	50 U	R	50 U	R	50 U	50 U
4-Methyl-2-pentanone	ID {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Acetone	1,700 {I}	50 U	100 U	50 U	100 U	100 U	50 UJ	100 U	50 UJ	100 U	50 UJ	100 U	50 UJ	100 U	100 U
Benzene	200 {I,X}	1.0 U	5.0 U	1.0 U	5.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	5.0 U
Bromodichloromethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U
Carbon disulfide	ID {I,R}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	**0.64 J**	50 U
Carbon tetrachloride	45 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	47 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U
Chloroform	170 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	ID {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	18 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	940 {X}	1.0 U	5.0 U	1.0 U	5.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	5.0 U
Styrene	80	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	45 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	140 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	200 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	35 {I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-17

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic GSI	MW-184WT (3 - 13')		X-4AR (6.2 - 9.2')		X-4CAUG (18 - 23')		X-9AR (2 - 12')		X-9BR (20 - 25')		X-9CAUG (26 - 31')	
		8/17/00		7/24/95	6/9/96	7/24/95	6/8/96	7/24/95	6/9/96	7/24/95	6/8/96	7/24/95	6/8/96
Constituents (ug/L)	Value	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
1,1,1-Trichloroethane	200	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	78 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	330 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	65 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	360 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	290 {I,X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	2,200 {I}	10 U	10 U	50 UJ	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ	50 U	50 UJ	50 U
2-Hexanone	NA	10 U	10 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-Methyl-2-pentanone	ID {I}	5.0 U	5.0 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Acetone	1,700 {I}	10 U	10 U	50 UJ	100 U	50 UJ	100 U	50 UJ	100 U	50 UJ	100 U	50 UJ	100 U
Benzene	200 {I,X}	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U
Bromodichloromethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	ID {I,R}	1.0 U	1.0 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Carbon tetrachloride	45 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	47 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	ID	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	170 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	ID {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	ID	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	18 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	940 {X}	1.0 U	1.0 U	1.0 UJ	5.0 U	1.0 UJ	5.0 U	1.0 UJ	5.0 U	1.0 UJ	5.0 U	1.0 UJ	5.0 U
Styrene	80	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	45 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	140 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	ID	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	200 {X}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	15	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	35 {I}	1.0 U	1.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-18

APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER AT SAGINAW RIVER PERIMETER MONITORING WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	B-7R (5 - 15') 7/17/95 FS	MW-6A (6 - 16') 7/13/95 FS
1,1,1,2-Tetrachloroethane	NA	1.0 U	1.0 U
1,1,1-Trichloroethane	200	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	78 {X}	1.0 U	1.0 U
1,1,2-Trichloroethane	330 {X}	1.0 U	1.0 U
1,1-Dichloroethane	ID	1.0 U	1.0 U
1,1-Dichloroethene	65 {I,X}	1.0 U	1.0 U
1,2,3-Trichloropropane	NA	1.0 U	1.0 U
1,2-Dibromo-3-chloropropane	NA	R	R
1,2-Dibromoethane	1.0 {M}	1.0 U	1.0 U
1,2-Dichlorobenzene	16	1.0 U	1.0 U
1,2-Dichloroethane	360 {I,X}	1.0 U	1.0 U
1,2-Dichloroethene, Total	ID	1.0 U	1.0 U
1,2-Dichloropropane	290 {I,X}	1.0 U	1.0 U
1,3-Dichlorobenzene	38	1.0 U	1.0 U
1,4-Dichlorobenzene	13	1.0 U	1.0 U
1,4-Dioxane	2,800 {I,X}	R	R
2-Butanone	2,200 {I}	5.0 UJ	5.0 UJ
2-Chloro-1,3-butadiene		1.0 U	1.0 U
2-Hexanone	NA	5.0 U	5.0 U
3-Chloro-1-propene		2.0 U	2.0 U
4-Methyl-2-pentanone	ID {I}	5.0 U	5.0 U
Acetone	1,700 {I}	10 UJ	10 UJ
Acetonitrile	NA	10 U	10 U
Acrolein	NA {I}	R	R
Acrylonitrile	4.9 {I,X}	10 U	10 U
Benzene	200 {I,X}	1.0 U	1.0 U
Bromodichloromethane	ID	1.0 U	1.0 U
Bromoform	ID	1.0 U	1.0 U
Bromomethane	35	1.0 U	1.0 U
Carbon disulfide	ID {I,R}	1.0 U	1.0 U
Carbon tetrachloride	45 {X}	1.0 U	1.0 U
Chlorobenzene	47 {I}	1.0 U	1.0 U
Chlorodibromomethane	ID	1.0 U	1.0 U
Chloroethane	ID	1.0 U	1.0 U
Chloroform	170 {X}	1.0 U	1.0 U
Chloromethane	ID {I}	1.0 U	1.0 U
cis-1,2-Dichloroethene	ID	1.0 U	1.0 U
cis-1,3-Dichloropropene	NA	1.0 U	1.0 U
Dibromomethane	NA	1.0 U	1.0 U
Dichlorodifluoromethane	ID	1.0 U	1.0 U
Ethylbenzene	18 {I}	1.0 U	1.0 U
Iodomethane		1.0 U	1.0 U
Isobutyl alcohol	NA {I}	R	R
Methacrylonitrile		1.0 U	1.0 U
Methyl methacrylate		1.0 U	1.0 U
Methylene chloride	940 {X}	1.0 U	1.0 U
Propionitrile		R	R
Pyridine	NA {I}	10 U	10 U
Styrene	80	1.0 U	1.0 U
Tetrachloroethene	45 {X}	1.0 U	1.0 U
Toluene	140 {I}	1.0 U	1.0 U
trans-1,2-Dichloroethene	ID	1.0 U	1.0 U
trans-1,3-Dichloropropene	NA	1.0 U	1.0 U
trans-1,4-Dichloro-2-butene		1.0 U	1.0 U
Trichloroethene	200 {X}	1.0 U	1.0 U
Trichlorofluoromethane	NA	1.0 U	1.0 U
Vinyl acetate	NA {I}	2.0 U	2.0 U
Vinyl chloride	15	1.0 U	1.0 U
Xylenes, Total	35 {I}	1.0 U	1.0 U

See generic notes pages.

TABLE 4-19

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-4 (2 - 12')		MW-101WT (13 - 23')		MW-102WT (9 - 19')	MW-102S1 (27 - 32')	MW-103WT (8 - 18')		MW-103S1 (32.5 - 37.5')	MW-103S2 (47.5 - 52.5')	MW-104WT (7 - 17')	MW-104S1 (33 - 38')
		7/29/95 FS	6/10/96 FS	7/28/95 FS	6/5/96 FS	7/25/95 FS	7/25/95 FS	7/12/95 FS	6/4/96 FS	7/12/95 FS	7/12/95 FS	7/12/95 FS	7/12/95 FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	8.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	880	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	6.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	13,000 {I}	50 U	50 U	50 UJ	50 U	50 U	50 U	50 UJ	50 U	50 UJ	50 UJ	50 UJ	50 UJ
2-Hexanone	1,000	50 U	50 U	50 U	50 U	50 U	R	50 U	50 U	50 U	50 U	50 U	50 U
4-Methyl-2-pentanone	1,800 {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Acetone	730 {I}	**34 J**	**48 J**	50 UJ	100 U	50 U	50 U	50 UJ	100 U	50 UJ	50 UJ	50 UJ	50 UJ
Benzene	5.0 {A,I}	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	**3.1**	**2.8 J**	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	10	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	800 {I,R}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	430	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	260 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	21	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.60 J**	**0.42 J**	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropen	21	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	2.5 U	3.0 U	**4.7**	**3.1**	3.0 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-19

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-104S2 (45 - 50') 7/12/95 FS	MW-105WT (5 - 15') 7/12/95 FS	MW-105S1 (36.5 - 41.5') 7/12/95 FS	MW-105S2 (43 - 48') 7/12/95 FS	MW-106WT (8 - 13') 7/12/95 FS	MW-106S1 (16.5 - 19') 7/12/95 FS	MW-106S2 (23 - 25.5') 7/12/95 FS	MW-121WT (3.5 - 13.5') 7/18/95 FS	MW-121S1 (21.5 - 26.5') 7/18/95 FS	MW-121S2 (34.8 - 39.8') 7/18/95 FS	MW-122WT (2 - 12') 7/18/95 FS	MW-122S1 (18.1 - 23.1') 7/18/95 FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	8.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	880	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	6.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	13,000 {I}	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 U	50 U	50 UJ	50 UJ	50 UJ	50 U	50 U
2-Hexanone	1,000	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	50 U	50 U	50 U	50 U	50 U
4-Methyl-2-pentanone	1,800 {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	50 UJ	50 U	50 U
Acetone	730 {I}	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 U	50 U	50 UJ	50 UJ	50 UJ	50 U	50 U
Benzene	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	800 {I,R}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	430	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	260 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	21	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropen	21	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-19

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-122S2 (25.8 - 30.8') 7/18/95 FS	MW-123WT (3 - 8') 7/18/95 FS	MW-123S1 (15 - 20') 7/18/95 FS	MW-124WT (2 - 7') 7/19/95 FS	MW-124S1 (11.5 - 16.5') 7/19/95 FS	MW-125WT (2.5 - 12.5') 7/19/95 FS	MW-125WT (2.5 - 12.5') 6/4/96 FS	MW-126WT (3 - 13') 6/6/96 FS	MW-138WT (14 - 24') 7/28/95 FS	MW-138WT (14 - 24') 6/10/96 FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	8.5	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	8.3 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
1,1-Dichloroethane	880	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**180**	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**220**	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	6.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
2-Butanone	13,000 {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	420 U	50 UJ	50 U
2-Hexanone	1,000	50 U	50 U	50 U	50 UJ	50 UJ	50 UJ	50 U	420 U	50 U	50 U
4-Methyl-2-pentanone	1,800 {I}	50 U	50 U	50 U	50 UJ	50 UJ	50 UJ	50 U	420 U	50 U	50 U
Acetone	730 {I}	50 U	50 U	50 U	50 U	50 U	50 U	100 U	830 U	50 UJ	**33 J**
Benzene	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	42 U	1.0 U	5.0 U
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	8.3 U	1.0 U	1.0 U
Bromomethane	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 UJ
Carbon disulfide	800 {I,R}	50 U	50 U	**4.5 J**	50 U	50 U	50 U	50 U	420 U	50 U	50 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
Chloroethane	430	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**40**	1.0 U	1.0 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
Chloromethane	260 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**220**	1.0 U	1.0 U
cis-1,3-Dichloropropene	21	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	42 U	1.0 U	5.0 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	1.0 U	1.0 U
trans-1,3-Dichloropropen	21	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	8.3 U	1.0 U	1.0 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**17**	1.0 U	1.0 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**270**	1.0 U	1.0 U
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	25 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-19

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-139WT (13 - 23') 7/30/95 FS	MW-139WT (13 - 23') 6/13/96 FS	MW-139WT (13 - 23') 5/19/00 FS	MW-145WT (7 - 17') 7/28/95 FS	MW-146WT (7 - 17') 7/28/95 FS	X-14A (2.8 - 5.8') 7/18/95 FS	X-14B (21.3 - 24.3') 7/18/95 FS	X-14CAUG (26 - 31') 7/18/95 FS	X-15AR (2 - 12') 7/19/95 FS	X-15BR (35 - 40') 7/19/95 FS	X-17R (2 - 12') 7/26/95 FS	X-17R (2 - 12') 6/4/96 FS	X-17R (2 - 12') 6/4/96 DUP
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	8.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	4.2 UJ	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	880	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	6.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
2-Butanone	13,000 {I}	50 UJ	50 U	10 UJ	50 U	50 U	50 UJ	50 U	50 U	50 U	210 U	50 U	50 U	50 U
2-Hexanone	1,000	50 U	50 U	10 UJ	50 U	R	50 U	50 U	50 U	50 UJ	210 UJ	R	50 U	50 U
4-Methyl-2-pentanone	1,800 {I}	50 U	50 U	10 U	50 U	50 U	50 UJ	50 U	50 U	50 UJ	210 UJ	50 U	50 U	50 U
Acetone	730 {I}	**22 J**	100 U	10 U	50 U	50 U	50 UJ	50 U	50 U	50 U	**71 J**	50 U	100 U	100 U
Benzene	5.0 {A,I}	1.0 U	5.0 U	1.0 U	**1.9**	**2.4**	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	5.0 U	5.0 U
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	4.2 UJ	1.0 U	1.0 U	1.0 U
Bromomethane	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	800 {I,R}	50 U	50 U	1.0 U	50 U	50 U	50 U	50 U	50 U	50 U	210 U	50 U	50 U	50 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
Chloroethane	430	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
Chloromethane	260 {I}	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	21	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
Methyl tert-butyl ether	40 {E}	NA	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	1.0 U	5.0 U	1.0 U	1.0 U	**1.8**	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	5.0 U	5.0 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.8 U	4.3 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropen	21	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	4.2 UJ	1.0 UJ	1.0 U	1.0 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	4.2 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	1.0 U	3.0 U	**1.7 J**	3.0 U	3.0 U	3.0 U	4.4 U	5.6 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-20

APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER AT NON-RIVER RESIDENTIAL PERIMETER MONITORING WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic Residential Drinking Water	MW-126WT (3 - 13') 7/30/95 FS
1,1,1,2-Tetrachloroethane	77	6.2 U
1,1,1-Trichloroethane	200 {A}	6.2 U
1,1,2,2-Tetrachloroethane	8.5	6.2 U
1,1,2-Trichloroethane	5.0 {A}	6.2 U
1,1-Dichloroethane	880	**210**
1,1-Dichloroethene	7.0 {A,I}	6.2 U
1,2,3-Trichloropropane	42	6.2 U
1,2-Dibromo-3-chloropropan	0.20 {A}	R
1,2-Dibromoethane	1.0 {A,M}	6.2 U
1,2-Dichlorobenzene	600 {A}	6.2 U
1,2-Dichloroethane	5.0 {A,I}	6.2 U
1,2-Dichloroethene, Total	70 {A}	**120**
1,2-Dichloropropane	5.0 {A,I}	6.2 U
1,3-Dichlorobenzene	6.6	6.2 U
1,4-Dichlorobenzene	75 {A}	6.2 U
1,4-Dioxane	85 {I}	R
2-Butanone	13,000 {I}	31 UJ
2-Chloro-1,3-butadiene		6.2 U
2-Hexanone	1,000	31 U
3-Chloro-1-propene		12 U
4-Methyl-2-pentanone	1,800 {I}	31 U
Acetone	730 {I}	62 UJ
Acetonitrile	140	62 U
Acrolein	120 {I}	R
Acrylonitrile	2.6 {I}	62 U
Benzene	5.0 {A,I}	6.2 U
Bromodichloromethane	100 {A,W}	6.2 U
Bromoform	100 {A,W}	6.2 U
Bromomethane	10	6.2 U
Carbon disulfide	800 {I,R}	6.2 U
Carbon tetrachloride	5.0 {A}	6.2 U
Chlorobenzene	100 {A,I}	6.2 U
Chlorodibromomethane	100 {A,W}	6.2 U
Chloroethane	430	**130**
Chloroform	100 {A,W}	6.2 U
Chloromethane	260 {I}	6.2 U
cis-1,2-Dichloroethene	70 {A}	**120**
cis-1,3-Dichloropropene	21	6.2 U
Dibromomethane	80	6.2 U
Dichlorodifluoromethane	1,700	6.2 U
Ethylbenzene	74 {E,I}	6.2 U
Iodomethane		6.2 U
Isobutyl alcohol	2,300 {I}	R
Methacrylonitrile		6.2 U
Methyl methacrylate		6.2 U
Methylene chloride	5.0 {A}	6.2 U
Propionitrile		R
Pyridine	7.3 {I}	10 U
Styrene	100 {A}	6.2 U
Tetrachloroethene	5.0 {A}	6.2 U
Toluene	790 {E,I}	6.2 U
trans-1,2-Dichloroethene	100 {A}	6.2 U
trans-1,3-Dichloropropene	21	6.2 U
trans-1,4-Dichloro-2-butene		R
Trichloroethene	5.0 {A}	**12**
Trichlorofluoromethane	2,600	6.2 U
Vinyl acetate	640 {I}	12 U
Vinyl chloride	2.0 {A}	**150**
Xylenes, Total	280 {E,I}	6.2 U

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-1R (3 - 13') 7/20/95 FS	B-1BAUG (19.5 - 24.5') 7/20/95 FS	B-1CAUG (32 - 37') 7/20/95 FS	B-1DAUG (44 - 49') 7/20/95 FS	B-2BAUG (20 - 25') 7/29/95 FS	B-3R (16 - 26') 7/26/95 FS	B-3BAUG (22.2 - 27.2') 7/25/95 FS	B-3BAUG (22.2 - 27.2') 6/6/96 FS	B-3BAUG (22.2 - 27.2') 5/18/00 FS	B-4AR (22 - 27') 7/25/95 FS	B-4BR (31.2 - 36.2') 7/25/95 FS	B-4CAUG (48.2 - 53.2') 7/25/95 FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.7 UJ	6.2 UJ
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.11 J**	1.0 U	1.7 U	6.2 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.7 U	6.2 U
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**6.2**	**2.7**	1.0 U	1.0 U	1.7 U	6.2 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.7 U	6.2 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.7 U	6.2 U
2-Butanone	38,000 {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	10 U	50 U	**8.2 J**	310 U
2-Hexanone	2,900	50 U	50 U	50 UJ	50 UJ	50 U	R	R	50 U	10 U	50 U	83 UJ	310 UJ
4-Methyl-2-pentanone	5,200 {I}	50 U	50 U	50 UJ	50 UJ	50 U	50 U	50 U	50 U	10 U	50 U	83 U	310 U
Acetone	2,100 {I}	50 U	50 UJ	50 U	50 U	**3.9 J**	50 U	50 U	100 U	10 U	**5.1 J**	**63 J**	**96 J**
Benzene	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	**2.2**	1.7 U	6.2 U
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
Bromomethane	29	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
Carbon disulfide	2,300 {I,R}	50 U	**1.0 J**	50 U	50 U	50 U	50 U	50 U	50 U	1.0 U	50 U	83 U	310 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
Chloroethane	1,700	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.19 J**	1.0 U	1.7 U	6.2 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
Chloromethane	1,100 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**6.2**	**2.7**	0.50 U	1.0 U	1.7 U	6.2 U
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**14**	1.7 U	6.2 U
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.7 U	6.2 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	8.7 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	1.0 U	1.7 U	6.2 U
trans-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.7 UJ	6.2 UJ
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	**1.5**	1.0 U	1.0 U	1.0 U	**31**	**18**	1.0 U	1.0 U	1.7 U	6.2 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.0 U	2.2 U	5.0 U	28 U

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-4DAUG (64.5 - 69.5') 7/25/95		B-5BAUG (35 - 40') 7/12/95		B-5CAUG (42.5 - 47.5') 7/12/95	B-6R (5.5 - 15.5') 7/21/95	B-6BAUG (24.5 - 29.5') 7/21/95	B-6CAUG (32 - 37') 7/21/95	B-6DAUG (44.5 - 49.5') 7/21/95		BBL-MW1 (4.2 - 13.7') 6/20/96	BBL-MW1 (4.2 - 13.7') 5/18/00
		FS	DUP	FS	DUP	FS	FS	FS	FS	FS	DUP	FS	FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**650**	**55**
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	NA
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	5.0 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**240**	**18**
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	NA
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	NA
2-Butanone	38,000 {I}	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	1,200 U	**19 J**
2-Hexanone	2,900	50 U	50 U	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 U	50 U	1,200 U	50 U
4-Methyl-2-pentanone	5,200 {I}	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	50 UJ	50 U	50 U	1,200 U	**11 J**
Acetone	2,100 {I}	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	2,500 U	71 U
Benzene	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**16 J**	**8.1**
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
Bromomethane	29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
Carbon disulfide	2,300 {I,R}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	1,200 U	5.0 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
Chloroethane	1,700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
Chloromethane	1,100 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	25 U	5.0 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	2.5 U
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**130**	**10**
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	120 U	NA
Methylene chloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	120 U	5.0 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	2.5 U
trans-1,3-Dichloropropene	63	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	25 U	5.0 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	**210**	**15**

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	BBL-MW2 (4.7 - 14.2') 6/18/96 FS	BBL-MW2 (4.7 - 14.2') 6/18/96 DUP	BBL-MW2 (4.7 - 14.2') 5/19/00 FS	BBL-MW3 (5.2 - 14.7') 6/18/96 FS	BBL-MW3 (5.2 - 14.7') 5/17/00 FS	BBL-MW4 (5.2 - 14.7') 6/18/96 FS	BBL-MW4 (5.2 - 14.7') 5/18/00 FS	BBL-MW5 (5.2 - 14.7') 6/19/96 FS	BBL-MW5 (5.2 - 14.7') 5/19/00 FS	MW-1B (20 - 25') 7/15/95 FS	MW-1CAUG (37.5 - 42.5') 7/15/95 FS	MW-2A (4 - 14') 7/27/95 FS	MW-2B (36 - 46') 7/27/95 FS
1,1,1-Trichloroethane	200 {A}	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	35	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	2,500	10 U	6.2 U	**0.21 J**	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	63 {E,I}	**110**	**91**	1.0 U	10 U	**0.39 J**	1.0 U	1.0 U	10 U	5.0 U	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	10 U	6.2 U	NA	10 U	NA	1.0 U	NA	8.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	NA	NA	1.0 U	NA	1.0 U	NA	1.0 U	NA	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	72 {E,I}	**39**	**33**	1.0 U	10 U	**0.15 J**	1.0 U	1.0 U	**3.7 J**	5.0 U	NA	NA	NA	NA
1,3-Dichlorobenzene	19	10 U	6.2 U	NA	10 U	NA	**0.97 J**	NA	8.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	10 U	6.2 U	NA	10 U	NA	**2.1**	NA	8.3 U	NA	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	38,000 {I}	500 U	310 U	10 UJ	500 U	10 U	50 U	10 U	420 U	50 U	50 UJ	50 UJ	50 U	50 U
2-Hexanone	2,900	500 U	310 U	10 UJ	500 U	10 U	50 U	10 U	420 U	50 U	50 U	50 U	R	R
4-Methyl-2-pentanone	5,200 {I}	500 U	310 U	**4.4 J**	500 U	10 UJ	50 U	10 U	420 U	50 U	50 U	50 U	50 U	50 U
Acetone	2,100 {I}	1,000 U	620 U	10 U	1,000 U	10 U	100 U	10 U	830 U	50 U	50 UJ	50 UJ	50 U	**9.1 J**
Benzene	5.0 {A,I}	**7.8 J**	**7.2 J**	**26**	**91**	**18 B**	**12**	**1.6**	**290**	**89**	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	100 {A,W}	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	100 {A,W}	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	29	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	2,300 {I,R}	500 U	310 U	**1.3**	500 U	1.0 U	50 U	**0.91 J**	420 U	5.0 U	50 U	50 U	50 U	50 U
Carbon tetrachloride	5.0 {A}	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	10 U	6.2 U	1.0 U	10 U	1.0 U	**13**	**3.2**	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	1,700	10 U	6.2 U	**3.8**	10 U	1.0 U	1.0 U	1.0 U	8.3 U	**1.8 J**	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	100 {A,W}	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	1,100 {I}	10 U	6.2 U	**1.4 J**	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	10 U	6.2 U	0.50 U	10 U	**0.61**	1.0 U	0.50 U	8.3 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	63	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	74 {E,I}	**93**	**92**	**9.2**	10 U	**0.23 J**	1.0 U	1.0 U	**29**	**1.5 J**	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert-butyl ether	40 {E}	50 U	31 U	NA	50 U	NA	**1.7 J**	NA	42 U	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	50 U	31 U	1.0 U	50 U	1.0 U	5.0 U	1.0 U	42 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100 {A}	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	790 {E,I}	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	10 U	6.2 U	0.50 U	10 U	0.50 U	1.0 U	0.50 U	8.3 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	63	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ
Trichloroethene	5.0 {A}	10 U	6.2 U	1.0 U	10 U	**1.3**	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2.0 {A}	10 U	6.2 U	1.0 U	10 U	1.0 U	1.0 U	1.0 U	8.3 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	35 U	28 U	**2.3**	30 U	**1.1**	3.0 U	1.0 U	44 U	**6.2**	3.0 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-2CAUG (24 - 29') 7/27/95 FS	MW-3A (2.5 - 12.5') 7/27/95 FS	MW-3B (23 - 28') 7/27/95 FS	MW-115WT (2.5 - 7.5') 7/15/95 FS	MW-115S1 (20 - 25') 7/15/95 FS	MW-115S2 (32.5 - 37.5') 7/15/95 FS	MW-115S3 (41.5 - 46.5') 7/15/95 FS	MW-116WT (2 - 7') 7/15/95 FS	MW-116S1 (27 - 32') 7/15/95 FS	MW-116S2 (2 - 12') 7/15/95 FS	MW-117WT (3 - 13') 6/20/95 FS	MW-117WT (3 - 13') 5/19/00 FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA
2-Butanone	38,000 {I}	50 U	50 U	50 U	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 U	10 U
2-Hexanone	2,900	R	R	R	50 U	50 U	50 U	50 U	50 U	50 U	50 U	R	10 U
4-Methyl-2-pentanone	5,200 {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	10 U
Acetone	2,100 {I}	50 U	50 U	50 U	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 U	10 U
Benzene	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.13 J**
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	2,300 {I,R}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	1.0 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	1,700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	1,100 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U
trans-1,3-Dichloropropene	63	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.0 U

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-117S1 (24.2 - 29.2') 6/20/95 FS	MW-117S1 (24.2 - 29.2') 5/19/00 FS	MW-117S2 (35 - 40') 6/20/95 FS	MW-118WT (1.6 - 11.6') 6/20/95 FS	MW-118WT (1.6 - 11.6') 5/17/00 FS	MW-118S1 (23.5 - 28.5') 6/20/95 FS	MW-118S1 (23.5 - 28.5') 5/17/00 FS	MW-118S1 (23.5 - 28.5') 5/17/00 DUP	MW-118S2 (38.5 - 43.5') 6/20/95 FS	MW-118S2 (38.5 - 43.5') 6/20/95 DUP	MW-119WT (2 - 12') 7/17/95 FS	MW-119S1 (24 - 29') 7/17/95 FS	MW-119S2 (36.5 - 41.5') 7/17/95 FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	1.0 U	NA	1.0 U	1.0 U	NA	1.0 U	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	19	1.0 U	NA	1.0 U	1.0 U	NA	1.0 U	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	NA	1.0 U	1.0 U	NA	1.0 U	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	38,000 {I}	50 U	10 U	50 U	50 U	10 U	50 U	10 U	10 U	50 U	50 U	50 U	50 U	50 U
2-Hexanone	2,900	R	10 U	R	R	10 U	R	10 U	10 U	R	R	R	R	R
4-Methyl-2-pentanone	5,200 {I}	50 U	10 U	50 U	50 U	**28**	50 U	10 U	10 U	50 U	50 U	50 U	50 U	50 U
Acetone	2,100 {I}	50 U	10 U	50 U	50 U	10 U	50 U	10 U	10 U	**3.0 J**	50 U	50 UJ	50 UJ	50 UJ
Benzene	5.0 {A,I}	1.0 U	**0.60 J**	1.0 U	1.0 U	**0.54 J**	1.0 U	**0.47 J**	**0.46 J**	**0.60 J**	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.70 J**	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
Carbon disulfide	2,300 {I,R}	**0.50 J**	1.0 U	**0.80 J**	50 U	1.0 U	**1.3**	1.0 U	1.0 U	**6.0 J**	**2.0**	50 U	50 U	50 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	1,700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ
Chloroform	100 {A,W}	**1.5**	1.0 U	1.0 U	1.0 U	1.0 U	**1.1**	1.0 U	1.0 U	**3.7**	**1.2**	1.0 U	1.0 U	1.0 U
Chloromethane	1,100 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	0.50 U	1.0 U	1.0 U	0.50 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	**0.10 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.90 J**	1.0 U	1.0 U	**0.70 J**	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	0.50 U	1.0 U	1.0 U	0.50 U	1.0 U	0.50 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2.0 {A}	1.0 U	**0.14 J**	1.0 U	1.0 U	1.0 U	1.0 U	**0.33 J**	**0.33 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	3.0 U	1.0 U	3.0 U	3.0 U	**0.47 J**	3.0 U	1.0 U	1.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-120WT (4 - 14') 7/18/95 FS	MW-120S1 (23.8 - 28.8') 7/18/95 FS	MW-120S2 (36 - 41') 7/18/95 FS	MW-120S2 (36 - 41') 7/18/95 DUP	MW-127WT (2 - 12') 7/26/95 FS	MW-127S1 (16.5 - 21.5') 7/26/95 FS	MW-128WT (3 - 13') 7/26/95 FS	MW-128WT (3 - 13') 5/19/00 FS	MW-128S1 (18.5 - 23.5') 7/26/95 FS	MW-128S1 (18.5 - 23.5') 5/19/00 FS	MW-129WT (2 - 12') 7/28/95 FS	MW-129WT (2 - 12') 6/12/96 FS	MW-130WT (3 - 13') 7/20/95 FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.9**	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U
2-Butanone	38,000 {I}	50 UJ	50 UJ	50 UJ	50 UJ	50 U	50 U	50 U	10 U	50 U	10 U	50 UJ	50 U	50 UJ
2-Hexanone	2,900	50 U	50 U	50 U	50 U	R	R	R	10 U	R	10 U	50 U	50 U	50 UJ
4-Methyl-2-pentanone	5,200 {I}	50 UJ	50 UJ	50 UJ	50 UJ	50 U	50 U	50 U	10 U	50 U	10 U	50 U	50 U	50 UJ
Acetone	2,100 {I}	50 UJ	50 UJ	50 UJ	50 UJ	50 U	50 U	**7.3 J**	10 U	**6.7 J**	10 U	50 UJ	100 U	50 UJ
Benzene	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.28 J**	1.0 U	5.0 U	1.0 U
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	2,300 {I,R}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	1.0 U	50 U	1.0 U	50 U	50 U	50 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	1,700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	1,100 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	1.0 U	0.50 U	**1.9**	1.0 U	1.0 U
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	1.0 U	0.50 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	**1.3**	**1.4**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.0 U	3.0 U	1.0 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-130S1 (26 - 31') 7/20/95 FS	MW-130S2 (36 - 41') 7/20/95 FS	MW-130S3 (46 - 51') 7/20/95 FS	MW-131WT (2 - 12') 7/27/95 FS	MW-131S1 (42.5 - 45') 7/27/95 FS	MW-131S2 (49.5 - 52') 7/27/95 FS	MW-131S2 (49.5 - 52') 7/27/95 DUP	MW-132WT (4 - 14') 7/21/95 FS	MW-132S1 (22 - 27') 7/21/95 FS	MW-133WT (4 - 14') 7/20/95 FS	MW-133S1 (37 - 42') 7/20/95 FS	MW-133S2 (49 - 54') 7/20/95 FS	MW-133S2 (49 - 54') 7/20/95 DUP
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	38,000 {I}	50 UJ	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	50 U	50 U	50 U	50 U
2-Hexanone	2,900	50 UJ	50 UJ	50 UJ	50 U	R	R	R	50 U	50 UJ	50 U	50 UJ	50 U	50 U
4-Methyl-2-pentanone	5,200 {I}	50 UJ	50 UJ	50 UJ	50 U	50 U	50 U	50 U	50 U	50 UJ	50 U	50 UJ	50 U	50 U
Acetone	2,100 {I}	50 UJ	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ	50 UJ	50 U	50 U	50 U	50 U
Benzene	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	100 {A,W}	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U
Bromomethane	29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	2,300 {I,R}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	1,700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	1,100 {I}	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.5 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	63	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.9 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-134WT (4 - 9') 7/20/95 FS	MW-134S1 (34 - 39') 7/20/95 FS	MW-134S2 (46.7 - 51.7') 7/20/95 FS	MW-135WT (5 - 15') 7/21/95 FS	MW-135WT (5 - 15') 6/18/96 FS	MW-135WT (5 - 15') 5/18/00 FS	MW-135S1 (23.7 - 28.7') 7/21/95 FS	MW-135S2 (32 - 37') 7/21/95 FS	MW-135S3 (42.5 - 47.5') 7/21/95 FS	MW-136WT (13 - 23') 7/20/95 FS	MW-136S1 (37 - 42') 7/20/95 FS	MW-136S2 (44 - 49') 7/20/95 FS	MW-137WT (4 - 14') 7/28/95 FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	38,000 {I}	50 U	50 U	50 U	50 UJ	50 U	10 U	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 U
2-Hexanone	2,900	50 U	50 U	R	50 UJ	50 U	10 U	50 UJ	50 U	50 UJ	50 U	50 UJ	50 UJ	50 U
4-Methyl-2-pentanone	5,200 {I}	50 U	50 U	50 UJ	50 UJ	50 U	10 U	50 UJ	50 U	50 UJ	50 U	50 UJ	50 UJ	50 U
Acetone	2,100 {I}	50 U	50 U	50 U	50 UJ	100 U	10 U	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 U
Benzene	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	**2.0 J**	**0.30 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	2,300 {I,R}	50 U	50 U	50 U	50 U	50 U	**0.82 J**	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	1,700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	1,100 {I}	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ	1.0 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-140WT (11 - 21') 7/20/95 FS	MW-140S1 (28.5 - 33.5') 7/20/95 FS	MW-140S2 (45.5 - 50.5') 7/20/95 FS	MW-142WT (3 - 13') 7/30/95 FS	MW-142WT (3 - 13') 6/11/96 FS	MW-143WT (6 - 16') 7/25/95 FS	MW-144WT (2 - 12') 7/29/95 FS	MW-144WT (2 - 12') 7/29/95 DUP	MW-144WT (2 - 12') 6/8/96 FS	MW-144WT (2 - 12') 5/23/00 FS	MW-144WT (2 - 12') 5/23/00 DUP	MW-147WT (5 - 15') 7/30/95 FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
1,1,2,2-Tetrachloroethane	35	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.33 J**	**0.35 J**	2.5 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	2.5 U
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 UJ
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	2.5 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	2.5 U
2-Butanone	38,000 {I}	50 U	50 U	50 U	50 UJ	50 U	50 U	50 U	50 U	50 U	10 U	10 U	120 U
2-Hexanone	2,900	R	R	R	50 U	50 U	R	50 U	50 U	50 U	10 U	10 U	120 U
4-Methyl-2-pentanone	5,200 {I}	50 UJ	50 UJ	50 UJ	50 U	50 U	50 U	50 U	50 U	50 U	10 U	10 U	120 U
Acetone	2,100 {I}	**4.1 J**	50 U	50 U	50 UJ	100 U	50 U	**6.6 J**	50 U	100 U	10 U	10 U	**23 J**
Benzene	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	**2.4 J**	**1.5**	**6.3**	**7.6**	**5.6**	**3.5 B**	**3.5 B**	**4.4**
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
Bromoform	100 {A,W}	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
Bromomethane	29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
Carbon disulfide	2,300 {I,R}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	1.0 U	1.0 U	120 UJ
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
Chloroethane	1,700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**17**	**19**	**16**	**8.0**	**8.5**	2.5 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
Chloromethane	1,100 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 UJ
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	2.5 U
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	2.5 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
Toluene	790 {E,I}	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	2.5 U
trans-1,3-Dichloropropene	63	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	**0.43 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.5 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.8 U	3.0 U	**1.0 J**	3.0 U	1.0 U	1.0 U	**63**

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-150WT (3 - 13') 6/13/96 FS	MW-150WT (3 - 13') 6/13/96 DUP	MW-151WT (6 - 16') 10/20/95 FS	MW-152WT (6 - 16') 10/20/95 FS	MW-152WT (6 - 16') 6/5/96 FS	MW-153WT (6 - 16') 10/20/95 FS	MW-154WT (6 - 16') 10/19/95 FS	MW-154WT (6 - 16') 6/13/96 FS	MW-155WT (6 - 16') 10/19/95 FS	MW-156WT (6 - 16') 10/20/95 FS	MW-156WT (6 - 16') 10/20/95 DUP	MW-156WT (6 - 16') 6/7/96 FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	**7.5 J**
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	5.0 U
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**190**	**200**	**290**
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	5.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	5.0 U
2-Butanone	38,000 {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	310 U	360 U	500 U
2-Hexanone	2,900	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	310 U	360 U	500 U
4-Methyl-2-pentanone	5,200 {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	310 U	360 U	500 U
Acetone	2,100 {I}	100 U	100 U	50 U	50 U	100 U	50 U	**10 J**	**13 J**	50 U	310 U	360 U	1,000 U
Benzene	5.0 {A,I}	5.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	**0.62 J**	1.0 U	6.2 U	7.1 U	50 U
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
Bromomethane	29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
Carbon disulfide	2,300 {I,R}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	310 U	7.1 U	500 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
Chloroethane	1,700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
Chloromethane	1,100 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**190**	**200**	**290**
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	5.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	6.2 U	7.1 U	5.0 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
trans-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**32**	**35**	**88**
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	**94**	**110**	**130**
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	**1.1 J**	3.0 U	19 U	21 U	30 U

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-176WT (7 - 16.5') 9/27/96 FS	MW-176WT (7 - 16.5') 9/27/96 DUP	MW-179WT (5.5 - 15') 9/27/96 FS	MW-180WT (4 - 14') 9/27/96 FS	MW-181WT (3 - 13') 9/26/96 FS	TWW-1 1/25/97 FS	TWW-1 8/8/98 FS	TWW-1 5/18/99 FS	TWW-1 5/18/99 DUP	TWW-1 5/21/00 FS	TWW-2 1/23/97 FS	TWW-2 1/23/97 DUP
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 UJ	*1.0 U*	*1.0 U*
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	**51 J**	*1.0 U*	*1.0 U*
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	*NA*	*NA*	NA	NA	NA	*NA*	*NA*
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*5.0 U*	*200 U*	NA	NA	NA	*1.0 U*	*1.0 U*
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
1,2-Dichloroethene, Total	70 {A}	NA	NA	NA	NA	NA	*NA*	***8,000***	**11,000 D**	**10,000 D**	**8,800**	*NA*	*NA*
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	*NA*	*NA*	NA	NA	NA	*NA*	*NA*
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*5.0 U*	*200 U*	NA	NA	NA	*1.0 U*	*1.0 U*
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*5.0 U*	*200 U*	NA	NA	NA	*1.0 U*	*1.0 U*
2-Butanone	38,000 {I}	50 U	50 U	50 U	50 U	50 U	*17,000 U*	*2,000 U*	1,300 UD	1,300 UD	2,500 U	*50 U*	*50 U*
2-Hexanone	2,900	50 U	50 U	50 U	50 U	50 U	*17,000 U*	*2,000 U*	1,300 UD	1,300 UD	2,500 U	*50 U*	*50 U*
4-Methyl-2-pentanone	5,200 {I}	50 U	50 U	50 U	50 U	50 U	*17,000 U*	*2,000 U*	1,300 UD	1,300 UD	2,500 U	*50 U*	*50 U*
Acetone	2,100 {I}	100 U	100 U	100 U	100 U	100 U	*33,000 U*	*2,000 U*	1,300 UJD	1,300 UJD	2,500 U	*100 U*	*100 U*
Benzene	5.0 {A,I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*1,700 U*	*1,000 U*	250 UD	250 UD	250 U	*5.0 U*	*5.0 U*
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
Bromomethane	29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UJD	250 UD	250 U	*1.0 U*	*1.0 U*
Carbon disulfide	2,300 {I,R}	50 U	50 U	50 U	50 U	50 U	*17,000 U*	*1,000 U*	250 UD	250 UD	250 U	*50 U*	*50 U*
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
Chloroethane	1,700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UJD	250 UD	250 U	*1.0 U*	*1.0 U*
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
Chloromethane	1,100 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UJD	250 UD	250 U	*1.0 U*	*1.0 U*
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	***9,600***	*NA*	NA	NA	**8,800**	*1.0 U*	*1.0 U*
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	*NA*	*NA*	NA	NA	NA	*NA*	*NA*
Methylene chloride	5.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*1,700 U*	*1,000 U*	1,250 UJD	1,300 UJD	250 U	*5.0 U*	*5.0 U*
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*NA*	NA	NA	**40 J**	*1.0 U*	*1.0 U*
trans-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	*330 U*	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	***630***	*200 U*	250 UD	250 UD	250 U	*1.0 U*	*1.0 U*
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	***2,000***	***1,700***	**330 D**	**390 D**	**2,300**	*1.0 U*	*1.0 U*
m,p-Xylene		NA	NA	NA	NA	NA	*NA*	*NA*	500 UD	500 UD	NA	*NA*	*NA*
o-Xylene		NA	NA	NA	NA	NA	*NA*	*NA*	250 UD	250 UD	NA	*NA*	*NA*
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	*1,000 U*	*600 U*	NA	NA	250 U	*3.0 U*	*3.0 U*

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	UST-MWS1 (27 - 32') 7/27/95 FS	UST-MWS1 (27 - 32') 6/10/96 FS	UST-MWS2 (40.1 - 45.1') 7/26/95 FS	UST7-1 (5 - 10') 6/19/96 FS	UST7-1 (5 - 10') 5/18/00 FS	UST7-2 (5.3 - 10.3') 6/19/96 FS	UST7-2 (5.3 - 10.3') 5/17/00 FS	UST7-3R (3.3 - 13.3') 5/19/00 FS	UST7-4 (7 - 12') 6/19/96 FS	UST7-4 (7 - 12') 5/18/00 FS	UST7-5 (7 - 12') 6/19/96 FS	UST7-5 (7 - 12') 5/17/00 FS	UST7-5 (7 - 12') 5/17/00 DUP
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	25 U	5.0 U	**1,700**	**1,500**	1.0 U	1.7 U	**0.14 J**	**2,400**	**190**	**260**
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	25 U	NA	120 U	NA	NA	1.7 U	NA	120 U	NA	NA
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	NA	5.0 U	NA	50 U	1.0 U	NA	1.0 U	NA	5.0 U	7.1 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	**0.61 J**
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	25 U	5.0 U	**450**	**750**	1.0 U	1.7 U	1.0 U	**650**	5.0 U	7.1 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	25 U	NA	120 U	NA	NA	1.7 U	NA	120 U	NA	NA
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	25 U	NA	120 U	NA	NA	1.7 U	NA	120 U	NA	NA
2-Butanone	38,000 {I}	50 UJ	50 U	50 U	1,200 U	**4.2 J**	6,200 U	500 U	10 U	83 U	**0.73 J**	6,200 U	50 U	71 U
2-Hexanone	2,900	50 U	50 U	R	1,200 U	50 U	6,200 U	500 U	10 U	83 U	10 U	6,200 U	50 U	71 U
4-Methyl-2-pentanone	5,200 {I}	50 U	50 U	50 U	1,200 U	50 U	6,200 U	500 U	10 U	83 U	10 U	6,200 U	50 U	71 U
Acetone	2,100 {I}	50 UJ	100 U	50 U	2,500 U	50 U	12,000 U	500 U	10 U	170 U	10 U	12,000 U	50 U	71 U
Benzene	5.0 {A,I}	1.0 U	5.0 U	**1.8**	**290**	**97**	**950**	**1,500**	**13**	**44**	**6.0**	**1,600**	**42**	**56**
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
Bromomethane	29	1.0 U	1.0 UJ	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
Carbon disulfide	2,300 {I,R}	50 U	50 U	50 U	1,200 U	5.0 U	6,200 U	50 U	1.0 U	83 U	**0.22 J**	6,200 U	**0.62 J**	7.1 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
Chloroethane	1,700	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
Chloromethane	1,100 {I}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	25 U	2.5 U	120 U	25 U	0.50 U	1.7 U	0.50 U	120 U	2.5 U	3.6 U
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	**1,700**	**1,200**	1.0 U	1.7 U	**0.18 J**	**1,800**	**71**	**83**
Methyl tert-butyl ether	40 {E}	NA	NA	NA	120 U	NA	620 U	NA	NA	**1.5 J**	NA	620 U	NA	NA
Methylene chloride	5.0 {A}	1.0 U	5.0 U	1.0 U	120 U	5.0 U	620 U	50 U	1.0 U	8.3 U	1.0 U	620 U	5.0 U	7.1 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	**2.5 J**
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	**0.33 J**	1.7 U	1.0 U	120 U	5.0 U	7.1 U
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	**25 J**	1.0 U	1.7 U	1.0 U	**1,400**	**13**	**13**
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	25 U	2.5 U	120 U	25 U	0.50 U	1.7 U	0.50 U	120 U	2.5 U	3.6 U
trans-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 UJ	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	25 U	5.0 U	120 U	50 U	1.0 U	1.7 U	1.0 U	120 U	5.0 U	7.1 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	75 U	5.0 U	**3,600**	**1,200**	1.0 U	5.1 U	**0.67 J**	**6,900**	**330**	**360**

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	UST7-6 6/19/96 FS	X-1A (9.7 - 12.7') 7/29/95 FS	X-1A (9.7 - 12.7') 6/10/96 FS	X-1A (9.7 - 12.7') 5/23/00 FS	X-1B (20.7 - 23.7') 7/29/95 FS	X-1B (20.7 - 23.7') 5/24/00 FS	X-1CR (2 - 12') 6/10/96 FS	X-1CR (2 - 12') 5/24/00 FS	X-1CR2 (43.7 - 48.7') 7/29/95 FS	X-2A (8.6 - 11.6') 7/15/95 FS	X-2A (8.6 - 11.6') 5/19/00 FS	X-2B (22.1 - 25.1') 7/15/95 FS	X-2C (43.1 - 46.1') 7/15/95 FS
1,1,1-Trichloroethane	200 {A}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	35	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	2,500	2.5 U	3.6 U	2.1 U	**0.35 J**	1.0 U	**0.13 J**	**0.51 J**	**0.22 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	63 {E,I}	2.6 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	2.5 U	3.6 U	2.1 U	NA	1.0 U	NA	1.2 U	NA	1.0 U	1.0 U	NA	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	NA	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	72 {E,I}	**1.3 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	19	2.5 U	3.6 U	2.1 U	NA	1.0 U	NA	1.2 U	NA	1.0 U	1.0 U	NA	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	2.5 U	3.6 U	2.1 U	NA	1.0 U	NA	1.2 U	NA	1.0 U	1.0 U	NA	1.0 U	1.0 U
2-Butanone	38,000 {I}	120 U	180 U	100 U	20 UJ	50 U	10 UJ	62 U	10 UJ	50 U	50 UJ	10 U	50 UJ	50 UJ
2-Hexanone	2,900	120 U	180 U	100 U	20 U	50 U	10 U	62 U	10 U	50 U	50 U	10 U	50 U	50 U
4-Methyl-2-pentanone	5,200 {I}	120 U	180 U	100 U	20 U	50 U	10 U	62 U	10 U	50 U	50 U	10 U	50 U	50 U
Acetone	2,100 {I}	250 U	180 U	210 U	20 U	**5.5 J**	16 U	120 U	10 U	**5.0 J**	50 UJ	10 U	50 UJ	50 UJ
Benzene	5.0 {A,I}	**69**	**9.5**	**8.7 J**	**8.0**	**1.9**	**1.2**	**9.3**	**2.7**	1.0 U	1.0 U	**0.36 J**	1.0 U	1.0 U
Bromodichloromethane	100 {A,W}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	100 {A,W}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	29	2.5 U	3.6 U	2.1 U	**0.34 J**	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	2,300 {I,R}	120 U	180 U	100 U	2.0 U	50 U	**0.14 J**	62 U	**0.12 J**	50 U	50 U	1.0 U	50 U	50 U
Carbon tetrachloride	5.0 {A}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	2.5 U	3.6 U	2.1 U	**0.33 J**	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	1,700	2.5 U	**66**	**65**	**32**	**13**	**11**	**43**	**5.9**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	100 {A,W}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	1,100 {I}	2.5 U	3.6 U	2.1 U	2.0 UJ	1.0 U	**0.46 J**	1.2 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	2.5 U	3.6 U	2.1 U	**0.23 J**	1.0 U	0.50 U	1.2 U	**0.15 J**	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	63	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	74 {E,I}	**2.0 J**	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert-butyl ether	40 {E}	12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	12 U	3.6 U	5.0 U	2.0 U	1.0 U	1.0 U	6.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100 {A}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	790 {E,I}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	2.5 U	3.6 U	2.1 U	1.0 U	1.0 U	0.50 U	1.2 U	0.50 U	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	63	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5.0 {A}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2.0 {A}	2.5 U	3.6 U	2.1 U	2.0 U	1.0 U	1.0 U	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	9.7 U	11 U	6.2 U	**2.5**	3.0 U	1.0 U	**12**	**0.78 J**	**2.2 J**	3.0 U	1.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-2DAUG (32 - 37') 7/15/95 FS	X-3AR (7.6 - 17.6') 6/20/95 FS	X-3AR (7.6 - 17.6') 6/6/96 FS	X-3AR (7.6 - 17.6') 6/6/96 DUP	X-3BR (31 - 36') 6/20/95 FS	X-3CAUG (46.5 - 51.5') 6/20/95 FS	X-5A (8.9 - 11.9') 6/21/95 FS	X-5A (8.9 - 11.9') 6/6/96 FS	X-5B (15.4 - 18.4') 6/21/95 FS	X-5B (15.4 - 18.4') 6/6/96 FS	X-5CR (40 - 45') 6/21/95 FS	X-6A 9/26/95 FS	X-6B 9/26/95 FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.3 J**	10 UJ
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.56 J**	1.0 U	**11**	1.0 U	1.0 U	10 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	10 UJ
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	10 UJ
2-Butanone	38,000 {I}	50 UJ	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	500 U
2-Hexanone	2,900	50 U	R	50 U	50 U	R	R	R	50 U	R	50 U	R	50 U	R
4-Methyl-2-pentanone	5,200 {I}	50 U	50 U	**3.9 J**	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	500 UJ
Acetone	2,100 {I}	50 UJ	**9.3 J**	100 U	**45 J**	50 U	R	R	**43 J**	R	**17 J**	R	50 U	370 U
Benzene	5.0 {A,I}	1.0 U	**1.3**	**1.2 J**	**1.2 J**	1.0 U	**0.90 J**	**12**	**13**	**7.0**	**7.7**	1.0 U	**2.7 J**	10 UJ
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	**4.1**	**2.4**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
Bromomethane	29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
Carbon disulfide	2,300 {I,R}	50 U	50 U	50 U	50 U	**0.90 J**	**0.60 J**	50 U	50 U	50 U	50 U	50 U	50 U	500 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	**1.3**	**0.50 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
Chloroethane	1,700	1.0 U	**0.60 J**	**1.1**	**1.1**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.51 J**	1.0 U	**2.4**	10 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	**8.8**	**11**	1.0 U	1.0 U	1.0 U	1.0 U	**0.70 J**	1.0 U	10 U
Chloromethane	1,100 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.56 J**	1.0 U	**11**	1.0 U	1.0 U	10 U
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
Ethylbenzene	74 {E,I}	1.0 U	**0.40 J**	**0.41 J**	**0.40 J**	1.0 U	1.0 U	1.0 U	**1.0**	1.0 U	1.0 U	1.0 U	**6.5 J**	10 UJ
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	1.0 U	**0.40 J**	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	10 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	10 UJ
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
Toluene	790 {E,I}	1.0 U	**0.40 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.50 J**	1.0 U	1.0 U	1.0 UJ	10 UJ
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
trans-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	10 UJ
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	10 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.2**	**8.8**	1.0 U	1.0 U	10 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	3.0 U	**1.1 J**	3.0 U	3.0 U	3.0 U	3.0 U	**2.9**	**6.7**	**2.3 J**	3.0 U	3.0 U	**7.0 J**	30 UJ

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-7A (15.6 - 18.6') 6/20/95 FS	X-7A (15.6 - 18.6') 6/12/96 FS	X-7BR (22 - 27') 6/20/95 FS	X-7BR (22 - 27') 6/5/96 FS	X-7CAUG (34 - 39') 6/21/95 FS	X-7DAUG (46 - 51') 6/20/95 FS	X-10A (7.7 - 10.7') 6/13/96 FS	X-10A (7.7 - 10.7') 5/24/00 FS	X-10BR (26.3 - 31.3') 7/24/95 FS	X-10CR (36.6 - 41.6') 7/24/95 FS	X-10DAUG (22 - 27') 7/24/95 FS	X-11AR (2 - 12') 7/26/95 FS	X-12AR (2 - 7') 7/26/95 FS
1,1,1-Trichloroethane	200 {A}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	35	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	2,500	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	19	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	33 U	**59**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	38,000 {I}	1,700 U	830 U	50 U	50 U	50 U	50 U	50 U	10 UJ	50 U	50 U	50 UJ	50 U	50 U
2-Hexanone	2,900	R	830 U	R	50 U	R	R	50 U	10 U	50 U	50 U	50 U	R	R
4-Methyl-2-pentanone	5,200 {I}	1,700 U	830 U	**16 J**	50 U	50 U	50 U	50 U	10 U	50 U	50 U	50 U	50 U	50 U
Acetone	2,100 {I}	R	1,700 U	R	100 UJ	R	R	100 U	10 U	50 U	50 U	50 UJ	**5.3 J**	**3.8 J**
Benzene	5.0 {A,I}	**820**	**520 J**	**6.5**	**0.59 J**	**0.90 J**	**0.50 J**	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	100 {A,W}	33 U	17 U	1.0 U	1.0 U	**3.6**	**4.8**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	100 {A,W}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	29	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	2,300 {I,R}	1,700 U	830 U	**0.70 J**	50 U	**28**	**37**	50 U	1.0 U	50 U	50 U	50 U	50 U	50 U
Carbon tetrachloride	5.0 {A}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	33 U	17 U	1.0 U	1.0 U	**1.2**	**1.5**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	1,700	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	100 {A,W}	33 U	17 U	1.0 U	1.0 U	**8.3**	**10**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	1,100 {I}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	63	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	74 {E,I}	**40**	**28**	**0.70 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	33 U	83 U	**0.60 J**	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U
Styrene	100 {A}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	790 {E,I}	33 U	17 U	**0.40 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	63	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 UJ
Trichloroethene	5.0 {A}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2.0 {A}	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	**56 J**	**41 J**	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-21

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-12B (41.7 - 44.7') 7/26/95 FS	X-12CAUG (17.5 - 20') 7/26/95 FS	X-13AR (2 - 12') 7/18/95 FS	X-13B (19.9 - 22.9') 7/18/95 FS	X-13CAUG (36.2 - 41.2') 7/18/95 FS	X-16A (5.8 - 8.8') 7/27/95 FS	X-16A (5.8 - 8.8') 5/24/00 FS	X-16B (20.4 - 23.4') 7/28/95 FS	X-16B (20.4 - 23.4') 5/19/00 FS	X-18R (4.2 - 7.2') 7/25/95 FS	X-19AR (2 - 12') 7/28/95 FS	X-20 (4.7 - 7.7') 7/25/95 FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U
2-Butanone	38,000 {I}	50 U	50 U	50 UJ	50 UJ	50 UJ	50 U	10 UJ	50 UJ	10 U	50 U	50 U	50 U
2-Hexanone	2,900	R	R	50 U	50 U	50 U	R	10 U	50 U	10 U	R	50 U	R
4-Methyl-2-pentanone	5,200 {I}	50 U	50 U	50 UJ	50 UJ	50 UJ	50 U	10 U	50 U	10 U	50 U	50 U	50 U
Acetone	2,100 {I}	50 U	50 U	50 UJ	50 UJ	50 UJ	50 U	10 U	50 UJ	10 U	**4.7 J**	50 U	**5.8 J**
Benzene	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	2,300 {I,R}	50 U	50 U	50 U	50 U	50 U	50 U	1.0 U	50 U	1.0 U	50 U	50 U	50 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	1,700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	1,100 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.18 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.28 J**	1.0 U	0.50 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	1.0 U	0.50 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	63	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**5.8**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.0 U	3.0 U	1.0 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-22

APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR MONITORING WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-2R (3 - 13') 7/29/95 FS	B-5R (5 - 15') 7/12/95 FS	MW-1A (5 - 15') 7/17/95 FS	MW-1A (5 - 15') 7/17/95 DUP	MW-141WT (4 - 14') 7/28/95 FS	MW-148WT (5 - 15') 7/30/95 FS	X-1CR (2 - 12') 7/29/95 FS	X-3AR (7.6 - 17.6') 7/31/95 FS	X-3AR (7.6 - 17.6') 6/6/96 FS	X-3AR (7.6 - 17.6') 6/6/96 DUP	X-5A (8.9 - 11.9') 7/19/95 FS	X-5B (15.4 - 18.4') 7/19/95 FS	X-5B (15.4 - 18.4') 6/6/96 FS
1,1,1,2-Tetrachloroethane	320	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
1,2,3-Trichloropropane	120	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
1,2-Dibromo-3-chloropropan	0.20 {A}	R	R	R	R	R	R	R	R	NA	NA	R	R	NA
1,2-Dibromoethane	1.0 {A,M}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**3.0**	8.3 U	2.5 U	NA	NA	1.0 U	**13**	NA
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
1,4-Dioxane	350 {I}	R	R	R	R	R	R	R	**640 J**	**660**	**670**	R	**650 J**	**440**
2-Butanone	38,000 {I}	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	42 UJ	12 UJ	NA	NA	5.0 UJ	5.0 UJ	NA
2-Chloro-1,3-butadiene		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
2-Hexanone	2,900	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	42 U	12 U	NA	NA	5.0 U	5.0 U	NA
3-Chloro-1-propene		2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	17 U	5.0 U	NA	NA	2.0 U	2.0 U	NA
4-Methyl-2-pentanone	5,200 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	42 U	12 U	NA	NA	5.0 U	5.0 U	NA
Acetone	2,100 {I}	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	10 UJ	83 UJ	25 UJ	NA	NA	10 UJ	**2.4 J**	NA
Acetonitrile	400	10 U	10 U	10 U	10 U	10 U	10 U	83 U	25 U	NA	NA	10 U	10 U	NA
Acrolein	330 {I}	R	R	R	R	R	R	R	R	NA	NA	R	R	NA
Acrylonitrile	11 {I}	10 U	10 U	10 U	10 U	10 U	10 U	83 U	25 U	NA	NA	10 U	10 U	NA
Benzene	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.2**	**10**	2.5 U	NA	NA	**13**	**8.3**	NA
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Bromomethane	29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Carbon disulfide	2,300 {I,R}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Chloroethane	1,700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**40**	2.5 U	NA	NA	1.0 U	1.0 U	NA
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Chloromethane	1,100 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**3.0**	8.3 U	2.5 U	NA	NA	1.0 U	**13**	NA
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Dibromomethane	230	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Dichlorodifluoromethane	4,800	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA

See generic notes page.

TABLE 4-22

APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR MONITORING WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-2R (3 - 13') 7/29/95 FS	B-5R (5 - 15') 7/12/95 FS	MW-1A (5 - 15') 7/17/95 FS	MW-1A (5 - 15') 7/17/95 DUP	MW-141WT (4 - 14') 7/28/95 FS	MW-148WT (5 - 15') 7/30/95 FS	X-1CR (2 - 12') 7/29/95 FS	X-3AR (7.6 - 17.6') 7/31/95 FS	X-3AR (7.6 - 17.6') 6/6/96 FS	X-3AR (7.6 - 17.6') 6/6/96 DUP	X-5A (8.9 - 11.9') 7/19/95 FS	X-5B (15.4 - 18.4') 7/19/95 FS	X-5B (15.4 - 18.4') 6/6/96 FS
Iodomethane		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Isobutyl alcohol	6,700 {I}	R	R	R	R	R	R	R	R	NA	NA	R	R	NA
Methacrylonitrile		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Methyl methacrylate		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Methylene chloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Propionitrile		R	R	R	R	R	R	R	R	NA	NA	R	R	NA
Pyridine	21 {I}	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	NA	NA	10 U	10 U	NA
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Toluene	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.2 U	1.0 U	NA
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
trans-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
trans-1,4-Dichloro-2-butene		R	1.0 U	1.0 U	1.0 U	R	R	R	R	NA	NA	1.0 U	1.0 U	NA
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Trichlorofluoromethane	7,300	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	NA	NA	1.0 U	1.0 U	NA
Vinyl acetate	1,800 {I}	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	17 U	5.0 U	NA	NA	2.0 U	2.0 U	NA
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**3.4**	8.3 U	2.5 U	NA	NA	1.0 U	**9.8**	NA
Xylenes, Total	280 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**21**	2.5 U	NA	NA	4.4 U	3.2 U	NA

See generic notes pages.

TABLE 4-23

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic GSI	B-7R (5 - 15')		B-7BAUG (37.5 - 42.5')		B-7CAUG (44.3 - 49.3')		MW-5A (5 - 15')		MW-5B (25 - 30')		MW-6A (6 - 16')	MW-6B (27.5 - 32.5')		MW-6CAUG (37.5 - 42.5')	
		6/13/96		7/17/95	6/11/96	7/17/95	6/11/96	7/13/95	6/8/96	7/13/95	6/8/96	6/9/96	7/13/95	6/9/96	7/13/95	6/9/96
Constituents (ug/L)	Value	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
1,2,4-Trichlorobenzene	30	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U
1,3-Dichlorobenzene	38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U
1,4-Dichlorobenzene	13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 UJ	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	NA	50 U	50 U	50 U	50 U	50 U	100 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	R	50 U
2,4,6-Trichlorophenol	4.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U
2,4-Dichlorophenol	19	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U
2,4-Dimethylphenol	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U
2,4-Dinitrotoluene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	22	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U
2-Methylnaphthalene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**3.0 J**	5.0 U
2-Methylphenol	71 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U
3&4-Methylphenol	71 {J}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.30 {M,X}	20 U	20 U	20 U	20 U	20 U	40 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	NA	20 U	20 U	20 U	20 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	R	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	71 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U
4-Nitroaniline		20 U	20 U	20 UJ	20 U	20 UJ	40 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	19	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	NA {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	NA {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	NA {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	32	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 UJ	5.0 U	5.0 UJ	**1.4 J**	5.0 UJ	**2.2 J**	**4.0 J**	5.0 U	**6.0**	**2.5 J**
Butyl benzyl phthalate	14 {X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-23

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic GSI	B-7R (5 - 15')		B-7BAUG (37.5 - 42.5')		B-7CAUG (44.3 - 49.3')		MW-5A (5 - 15')		MW-5B (25 - 30')		MW-6A (6 - 16')	MW-6B (27.5 - 32.5')		MW-6CAUG (37.5 - 42.5')	
		6/13/96		7/17/95	6/11/96	7/17/95	6/11/96	7/13/95	6/8/96	7/13/95	6/8/96	6/9/96	7/13/95	6/9/96	7/13/95	6/9/96
Constituents (ug/L)	Value	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
Carbazole	10 {M}	10 U	10 U	10 U	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	9.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	1.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	12	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	0.053	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	6.7 {X}	2.0 U	2.0 U	5.0 U	2.0 U	5.0 U	4.0 U	5.0 U	2.0 U	5.0 U	2.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	570 {X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	13	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**3.0 J**	5.0 U
Nitrobenzene	180 {I,X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	2.8 {G,X}	25 U	25 U	25 U	25 U	25 U	50 U	25 U	25 U	25 UJ	25 U	25 U	25 U	25 U	R	25 U
Phenanthrene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	210	5.0 U	5.0 U	5.0 U	5.0 U	**180 D**	**98**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.0 J**	5.0 U	R	**13**
Pyrene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-23

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-6DAUG (47.8 - 52.8')		MW-107WT (4 - 9')		MW-107S1 (12.5 - 17.5')		MW-107S2 (21.4 - 26.4')		MW-108WT (2.5 - 7.5')		MW-108S1 (8.8 - 13.8')	
		7/13/95 FS	6/9/96 FS	7/12/95 FS	6/7/96 FS	7/12/95 FS	6/7/96 FS	7/12/95 FS	6/7/96 FS	7/13/95 FS	6/8/96 FS	7/13/95 FS	6/8/96 FS
1,2,4-Trichlorobenzene	30	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	16	1.0 U	**0.42 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	4.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	19	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	22	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	71 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3&4-Methylphenol	71 {J}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.30 {M,X}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	71 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	19	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	NA {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	NA {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	NA {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	32	5.0 U	5.0 U	**0.70 J**	7.7 U	**9.0**	11 U	**2.5 J**	7.1 U	5.0 U	5.0 UJ	5.0 U	5.0 U
Butyl benzyl phthalate	14 {X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-23

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-6DAUG (47.8 - 52.8')		MW-107WT (4 - 9')		MW-107S1 (12.5 - 17.5')		MW-107S2 (21.4 - 26.4')		MW-108WT (2.5 - 7.5')		MW-108S1 (8.8 - 13.8')	
		7/13/95 FS	6/9/96 FS	7/12/95 FS	6/7/96 FS	7/12/95 FS	6/7/96 FS	7/12/95 FS	6/7/96 FS	7/13/95 FS	6/8/96 FS	7/13/95 FS	6/8/96 FS
Carbazole	10 {M}	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	9.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	1.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	12	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	0.053	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	6.7 {X}	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	570 {X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	13	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	180 {I,X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	2.8 {G,X}	25 UJ	25 U	20 U	25 U	20 U	25 U	20 U	25 U	20 U	25 U	25 U	25 U
Phenanthrene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	210	**65**	**3.0 J**	5.0 U	5.0 U	5.0 U	5.0 U	**0.60 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	ID	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-23

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-108S2 (22 - 27')		MW-108S3 (39.8 - 44.8')		MW-108S4 (45 - 50')		MW-109WT (3 - 8')		MW-110WT (3 - 8')	MW-111WT (5.5 - 10.5')			MW-111S1 (12 - 17')	
		7/13/95 FS	6/8/96 FS	7/13/95 FS	6/8/96 FS	7/13/95 FS	6/8/96 FS	7/13/95 FS	6/12/96 FS	6/12/96 FS	7/14/95 FS	6/12/96 FS	5/19/00 FS	7/14/95 FS	6/12/96 FS
1,2,4-Trichlorobenzene	30	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	NA	50 U	50 U	50 U	50 U	50 U	50 U	59 U	50 U	50 U	50 U	50 U	5.0 U	50 U	50 U
2,4,6-Trichlorophenol	4.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	19	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U
2,4-Dimethylphenol	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	22	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	71 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	23 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3&4-Methylphenol	71 {J}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.30 {M,X}	20 U	20 U	20 U	20 U	20 U	20 U	23 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	23 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	NA	20 U	20 U	20 U	20 U	20 U	20 U	23 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	23 U	20 U	20 U	20 U	20 U	10 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	71 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	23 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	19	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	NA {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	NA {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	NA {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	32	5.0 U	5.0 U	5.0 U	5.0 U	**4.0 J**	**15**	**12**	5.0 U	5.0 U	**54**	5.0 U	5.0 U	**1.9 J**	**8.9**
Butyl benzyl phthalate	14 {X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-23

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-108S2 (22 - 27') 7/13/95 FS	MW-108S2 (22 - 27') 6/8/96 FS	MW-108S3 (39.8 - 44.8') 7/13/95 FS	MW-108S3 (39.8 - 44.8') 6/8/96 FS	MW-108S4 (45 - 50') 7/13/95 FS	MW-108S4 (45 - 50') 6/8/96 FS	MW-109WT (3 - 8') 7/13/95 FS	MW-109WT (3 - 8') 6/12/96 FS	MW-110WT (3 - 8') 6/12/96 FS	MW-111WT (5.5 - 10.5') 7/14/95 FS	MW-111WT (5.5 - 10.5') 6/12/96 FS	MW-111WT (5.5 - 10.5') 5/19/00 FS	MW-111S1 (12 - 17') 7/14/95 FS	MW-111S1 (12 - 17') 6/12/96 FS
Carbazole	10 {M}	10 U	10 U	10 U	10 U	10 U	10 U	11 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	9.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	1.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	12	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	0.053	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	6.7 {X}	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U	5.9 U	2.0 U	2.0 U	5.0 U	2.0 U	5.0 U	5.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	570 {X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	13	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	180 {I,X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	2.8 {G,X}	25 UJ	25 U	25 U	25 U	25 U	25 U	29 U	25 U	25 U	20 U	25 U	1.0 U	20 U	25 U
Phenanthrene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	ID	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-23

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-111S2 (25 - 30') 7/13/95 FS	MW-111S2 (25 - 30') 7/13/95 DUP	MW-111S2 (25 - 30') 6/10/96 FS	MW-111S3 (36 - 41') 7/13/95 FS	MW-111S3 (36 - 41') 6/10/96 FS	MW-111S3 (36 - 41') 6/29/99 FS	MW-111S3 (36 - 41') 5/19/00 FS	MW-111S4 (46 - 51') 7/14/95 FS	MW-111S4 (46 - 51') 6/10/96 FS	MW-112WT (3.5 - 8.5') 7/17/95 FS	MW-112WT (3.5 - 8.5') 6/12/96 FS	MW-113WT (3.5 - 8.5') 7/17/95 FS	MW-113WT (3.5 - 8.5') 6/13/96 FS	MW-114WT (3.5 - 8.5') 6/8/96 FS
1,2,4-Trichlorobenzene	30	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	16	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	38	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	13	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	NA	50 U	50 U	50 U	R	50 U	R	5.0 U	50 U	100 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	4.4	5.0 U	5.0 U	5.0 U	R	5.0 U	R	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	19	5.0 U	5.0 U	5.0 U	R	5.0 U	R	10 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	380	5.0 U	5.0 U	5.0 U	R	5.0 U	R	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	NA	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	NA	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	22	5.0 U	5.0 U	5.0 U	R	5.0 U	R	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	ID	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	**0.71 J**	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	71 {J}	5.0 U	5.0 U	5.0 U	R	5.0 U	R	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	50 U	20 U	20 U	20 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	ID	5.0 U	5.0 U	5.0 U	R	5.0 U	R	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3&4-Methylphenol	71 {J}	NA	NA	NA	NA	NA	R	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.30 {M,X}	20 U	20 U	20 U	50 UJ	20 U	20 U	20 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	50 U	20 U	20 U	20 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	NA	20 U	20 U	20 U	R	20 U	R	20 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	NA	5.0 U	5.0 U	5.0 U	R	5.0 U	R	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	50 U	20 U	20 U	10 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	71 {J}	5.0 U	5.0 U	5.0 U	R	5.0 U	NA	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	50 U	20 U	20 U	20 U	20 U	40 U	20 UJ	20 U	20 U	20 U	20 U
Acenaphthene	19	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	ID	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	ID	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 UJ	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	NA {Q}	5.0 U	5.0 U	5.0 U	12 UJ	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	ID {Q}	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	ID {Q}	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	NA	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	NA {Q}	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	NA {I}	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	32	5.0 U	**1.1 J**	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	**9.0**	5.0 UJ
Butyl benzyl phthalate	14 {X}	5.0 U	5.0 U	5.0 U	12 UJ	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-23

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-111S2 (25 - 30') 7/13/95 FS	MW-111S2 (25 - 30') 7/13/95 DUP	MW-111S2 (25 - 30') 6/10/96 FS	MW-111S3 (36 - 41') 7/13/95 FS	MW-111S3 (36 - 41') 6/10/96 FS	MW-111S3 (36 - 41') 6/29/99 FS	MW-111S3 (36 - 41') 5/19/00 FS	MW-111S4 (46 - 51') 7/14/95 FS	MW-111S4 (46 - 51') 6/10/96 FS	MW-112WT (3.5 - 8.5') 7/17/95 FS	MW-112WT (3.5 - 8.5') 6/12/96 FS	MW-113WT (3.5 - 8.5') 7/17/95 FS	MW-113WT (3.5 - 8.5') 6/13/96 FS	MW-114WT (3.5 - 8.5') 6/8/96 FS
Carbazole	10 {M}	10 U	10 U	10 U	25 U	10 U	5.0 U	10 U	10 U	20 U	10 U	10 U	10 U	10 U	10 U
Chrysene	ID {Q}	5.0 U	5.0 U	5.0 U	12 UJ	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	9.7	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	ID	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	ID {Q}	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	4	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	NA	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	NA	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	1.6	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	12	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	ID	5.0 U	5.0 U	5.0 U	12 U	5.0 U	NA	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	0.053	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	ID	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	6.7 {X}	5.0 U	5.0 U	2.0 U	12 U	2.0 U	5.0 U	5.0 U	5.0 U	4.0 U	5.0 U	2.0 U	5.0 U	2.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	ID {Q}	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	570 {X}	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	NA	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	NA	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	13	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	**1.0 J**	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	180 {I,X}	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	2.8 {G,X}	25 UJ	25 UJ	25 U	R	25 U	R	1.0 U	20 UJ	50 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	5.0 {M}	5.0 U	5.0 U	5.0 U	12 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	210	5.0 U	5.0 U	5.0 U	R	**6,200 D**	R	**33**	**97 D**	**110 D**	**1.4 J**	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	ID	5.0 UJ	5.0 UJ	5.0 U	12 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-23

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-114S1 (10.7 - 15.7') 7/17/95 FS	MW-114S1 (10.7 - 15.7') 6/7/96 FS	MW-114S2 (22.5 - 27.5') 7/17/95 FS	MW-114S2 (22.5 - 27.5') 6/7/96 FS	MW-114S3 (35.5 - 40.5') 7/17/95 FS	MW-114S3 (35.5 - 40.5') 6/7/96 FS	MW-114S4 (47.8 - 52.8') 7/17/95 FS	MW-114S4 (47.8 - 52.8') 6/7/96 FS	MW-149WT (7 - 17') 6/12/96 FS	X-4AR (6.2 - 9.2') 7/24/95 FS	X-4AR (6.2 - 9.2') 6/9/96 FS	X-4CAUG (18 - 23') 7/24/95 FS	X-4CAUG (18 - 23') 6/8/96 FS
1,2,4-Trichlorobenzene	30	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	4.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	19	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	22	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	71 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3&4-Methylphenol	71 {J}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.30 {M,X}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	71 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	19	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	NA {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	NA {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	NA {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	32	5.0 U	7.6 U	**0.63 J**	5.0 U	**1.8 J**	5.0 U	5.0 U	6.8 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Butyl benzyl phthalate	14 {X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-23

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-114S1 (10.7 - 15.7')		MW-114S2 (22.5 - 27.5')		MW-114S3 (35.5 - 40.5')		MW-114S4 (47.8 - 52.8')		MW-149WT (7 - 17')	X-4AR (6.2 - 9.2')		X-4CAUG (18 - 23')	
		7/17/95 FS	6/7/96 FS	7/17/95 FS	6/7/96 FS	7/17/95 FS	6/7/96 FS	7/17/95 FS	6/7/96 FS	6/12/96 FS	7/24/95 FS	6/9/96 FS	7/24/95 FS	6/8/96 FS
Carbazole	10 {M}	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	9.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	1.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	12	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	0.053	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	6.7 {X}	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	570 {X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	13	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	180 {I,X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	2.8 {G,X}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**44**	**27**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-23

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	X-9AR (2 - 12')		X-9BR (20 - 25')		X-9CAUG (26 - 31')	
		7/24/95 FS	6/9/96 FS	7/24/95 FS	6/8/96 FS	7/24/95 FS	6/8/96 FS
1,2,4-Trichlorobenzene	30	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	16	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	38	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	13	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	NA	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	4.4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	19	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	22	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	71 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3&4-Methylphenol	71 {J}	NA	NA	NA	NA	NA	NA
3,3'-Dichlorobenzidine	0.30 {M,X}	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	NA	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	71 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	19	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	NA {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	NA {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	NA {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	32	5.0 U	5.0 UJ	5.0 U	**1.1 J**	5.0 U	5.0 U
Butyl benzyl phthalate	14 {X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-23

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	X-9AR (2 - 12')		X-9BR (20 - 25')		X-9CAUG (26 - 31')	
		7/24/95 FS	6/9/96 FS	7/24/95 FS	6/8/96 FS	7/24/95 FS	6/8/96 FS
Carbazole	10 {M}	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	9.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	4	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	1.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	12	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	0.053	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	6.7 {X}	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	ID {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	570 {X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	13	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	180 {I,X}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	2.8 {G,X}	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	210	5.0 U	5.0 U	**4.7 J**	5.0 U	5.0 U	5.0 U
Pyrene	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-24

APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	B-7R (5 - 15') 7/17/95 FS	MW-6A (6 - 16') 7/13/95 FS
1,2,4,5-Tetrachlorobenzene	2.9 {X}	5.0 UJ	5.0 U
1,2,4-Trichlorobenzene	30	5.0 UJ	50 U
1,2-Dichlorobenzene	16	1.0 U	1.0 U
1,3,5-Trinitrobenzene		R	R
1,3-Dichlorobenzene	38	1.0 U	1.0 U
1,3-Dinitrobenzene		5.0 UJ	5.0 U
1,4-Dichlorobenzene	13	1.0 U	1.0 U
1,4-Naphthoquinone		50 UJ	50 U
1-Naphthylamine		10 UJ	10 U
2,2'-oxybis(dichloropropane)		5.0 UJ	5.0 U
2,3,4,6-Tetrachlorophenol		50 UJ	50 U
2,4,5-Trichlorophenol	NA	10 UJ	10 U
2,4,6-Trichlorophenol	4.4	5.0 UJ	5.0 U
2,4-Dichlorophenol	19	5.0 UJ	5.0 U
2,4-Dimethylphenol	380	5.0 UJ	5.0 U
2,4-Dinitrotoluene	NA	5.0 UJ	5.0 U
2,6-Dichlorophenol		5.0 UJ	5.0 U
2,6-Dinitrotoluene		5.0 UJ	5.0 U
2-Acetylaminofluorene		100 UJ	100 U
2-Chloronaphthalene	NA	5.0 UJ	5.0 U
2-Chlorophenol	22	5.0 UJ	5.0 U
2-Methylnaphthalene	ID	5.0 UJ	5.0 U
2-Methylphenol	71 {J}	5.0 UJ	5.0 U
2-Naphthylamine		10 UJ	10 U
2-Nitroaniline		20 UJ	20 U
2-Nitrophenol	ID	5.0 UJ	5.0 U
2-Picoline		20 UJ	20 U
3,3'-Dichlorobenzidine	0.30 {M,X}	20 UJ	20 U
3,3'-Dimethylbenzidine		10 UJ	10 U
3-Methylcholanthrene		20 UJ	20 U
3-Methylphenol	71 {J}	5.0 UJ	5.0 U
3-Nitroaniline		20 UJ	20 U
4,6-Dinitro-2-methylphenol	NA	20 UJ	20 U
4-Aminobiphenyl		50 UJ	50 U
4-Bromophenyl phenyl ether		5.0 UJ	5.0 U
4-Chloro-3-methylphenol	NA	5.0 UJ	5.0 U
4-Chloroaniline		10 UJ	10 U
4-Chlorophenyl phenyl ether		5.0 UJ	5.0 U
4-Methylphenol	71 {J}	5.0 UJ	5.0 U
4-Nitroaniline		20 UJ	20 UJ
4-Nitroquinoline1-oxide		100 UJ	100 UJ
5-Nitro-o-toluidine		20 UJ	20 U
7,12-Dimethylbenz(a)anthracene		20 UJ	20 U
Acenaphthene	19	5.0 UJ	5.0 U
Acenaphthylene	ID	5.0 UJ	5.0 U
Acetophenone	NA	10 UJ	10 U
alpha,alpha-Dimethyl phenethylamine		50 UJ	50 UJ
Aniline	20 {M}	10 UJ	10 U
Anthracene	ID	5.0 UJ	5.0 U
Benzo(a)anthracene	NA {Q}	5.0 UJ	5.0 U
Benzo(a)pyrene	ID {Q}	5.0 UJ	5.0 U
Benzo(b)fluoranthene	ID {Q}	5.0 UJ	5.0 U
Benzo(g,h,i)perylene	NA	5.0 UJ	5.0 U
Benzo(k)fluoranthene	NA {Q}	5.0 UJ	5.0 U
Benzyl alcohol	NA	10 UJ	10 U

See generic notes pages.

TABLE 4-24

APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	B-7R (5 - 15') 7/17/95 FS	MW-6A (6 - 16') 7/13/95 FS
bis(2-Chloroethoxy)methane		5.0 UJ	5.0 U
bis(2-Chloroethyl)ether	NA {I}	5.0 UJ	5.0 U
bis(2-Ethylhexyl)phthalate	32	5.0 UJ	5.0 U
Butyl benzyl phthalate	14 {X}	5.0 UJ	5.0 U
Chrysene	ID {Q}	5.0 UJ	5.0 U
Di-n-butyl phthalate	9.7	5.0 UJ	5.0 U
Di-n-octyl phthalate	ID	5.0 UJ	5.0 U
Diallate		5.0 UJ	5.0 U
Dibenz(a,h)anthracene	ID {Q}	5.0 UJ	5.0 U
Dibenzofuran	4	5.0 UJ	5.0 U
Diethyl phthalate	NA	5.0 UJ	5.0 U
Dimethyl phthalate	NA	5.0 UJ	5.0 U
Diphenylamine		5.0 UJ	5.0 U
Ethyl methacrylate		1.0 U	1.0 U
Ethyl methanesulfonate		10 UJ	10 U
Fluoranthene	1.6	5.0 UJ	5.0 U
Fluorene	12	5.0 UJ	5.0 U
Hexachlorobenzene	ID	5.0 UJ	5.0 U
Hexachlorobutadiene	0.053	5.0 UJ	5.0 U
Hexachlorocyclopentadiene	ID	5.0 UJ	5.0 UJ
Hexachloroethane	6.7 {X}	5.0 UJ	5.0 U
Hexachloropropene		100 UJ	100 U
Indeno(1,2,3-cd)pyrene	ID {Q}	5.0 UJ	5.0 U
Isophorone	570 {X}	5.0 UJ	5.0 U
Isosafrole, Total		20 UJ	20 U
Methapyrilene		50 UJ	50 U
Methyl methanesulfonate		10 UJ	10 U
N-Nitroso-di-n-propylamine	NA	5.0 UJ	5.0 U
N-Nitrosodi-n-butylamine		10 UJ	10 U
N-Nitrosodiethylamine		10 UJ	10 U
N-Nitrosodimethylamine		5.0 UJ	5.0 U
N-Nitrosodiphenylamine	NA	5.0 UJ	5.0 U
N-Nitrosomethylethylamine		10 UJ	10 U
N-Nitrosomorpholine		10 UJ	10 U
N-Nitrosopiperidine		10 UJ	10 U
N-Nitrosopyrrolidine		10 UJ	10 U
Naphthalene	13	5.0 UJ	5.0 U
Nitrobenzene	180 {I,X}	5.0 UJ	5.0 U
o-Toluidine		20 UJ	20 U
p-Chlorobenzilate		10 UJ	10 U
p-Dimethylaminoazobenzene		20 UJ	20 U
p-Phenylene diamine		100 UJ	100 UJ
Pentachlorobenzene	NA	5.0 UJ	5.0 U
Pentachloroethane		10 U	10 U
Pentachloronitrobenzene	NA	50 UJ	50 U
Pentachlorophenol	2.8 {G,X}	25 UJ	25 U
Phenacetin		20 UJ	20 U
Phenanthrene	5.0 {M}	5.0 UJ	5.0 U
Phenol	210	5.0 UJ	5.0 U
Pronamide		20 UJ	20 U
Pyrene	ID	5.0 UJ	5.0 U
Safrole, Total		20 UJ	20 U
Tetraethyl Dithiopyrophosphate		-	1.0 U

See generic notes pages.

TABLE 4-25

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-4 (2 - 12') 7/29/95 FS	MW-4 (2 - 12') 6/10/96 FS	MW-4 (2 - 12') 5/18/00 FS	MW-101WT (13 - 23') 7/28/95 FS	MW-101WT (13 - 23') 6/5/96 FS	MW-102WT (9 - 19') 7/25/95 FS	MW-102S1 (27 - 32') 7/25/95 FS	MW-103WT (8 - 18') 7/12/95 FS	MW-103S1 (32.5 - 37.5') 7/12/95 FS	MW-103S1 (32.5 - 37.5') 6/4/96 FS	MW-103S1 (32.5 - 37.5') 5/18/00 FS	MW-103S2 (47.5 - 52.5') 7/12/95 FS	MW-104WT (7 - 17') 7/12/95 FS	MW-104S1 (33 - 38') 7/12/95 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	6.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	730	50 U	50 U	5.0 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	5.0 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	120	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	73	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	370	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	7.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	1,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	45	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	260	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	370 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	20	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	1.1	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	370 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	1,300	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	52	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	2.1 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	2.0 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	**23**	5.0 U	5.0 U	**0.98 J**	5.0 U	5.0 U	5.0 U	**0.60 J**	**6**	5.0 U	5.0 U	5.0 U	**0.80 J**	5.0 U
Butyl benzyl phthalate	1,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U

See generic notes pages.

TABLE 4-25

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-4 (2 - 12') 7/29/95 FS	MW-4 (2 - 12') 6/10/96 FS	MW-4 (2 - 12') 5/18/00 FS	MW-101WT (13 - 23') 7/28/95 FS	MW-101WT (13 - 23') 6/5/96 FS	MW-102WT (9 - 19') 7/25/95 FS	MW-102S1 (27 - 32') 7/25/95 FS	MW-103WT (8 - 18') 7/12/95 FS	MW-103S1 (32.5 - 37.5') 7/12/95 FS	MW-103S1 (32.5 - 37.5') 6/4/96 FS	MW-103S1 (32.5 - 37.5') 5/18/00 FS	MW-103S2 (47.5 - 52.5') 7/12/95 FS	MW-104WT (7 - 17') 7/12/95 FS	MW-104S1 (33 - 38') 7/12/95 FS
Carbazole	85	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U
Di-n-butyl phthalate	880	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	5,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.50 J**	5.0 U
Dimethyl phthalate	73,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	880	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ
Hexachlorobutadiene	15	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	7.3	5.0 U	2.0 U	5.0 U	5.0 U	2.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	770	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	270	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	520	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	3.4 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	1.0 U	25 U	25 U	25 U	25 U	20 U	20 U	25 U	1.0 U	20 U	20 U	20 U
Phenanthrene	52	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	4,400	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.60 J**	5.0 U	**2.4 J**
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U

See generic notes pages.

TABLE 4-25

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-104S2 (45 - 50') 7/12/95 FS	MW-105WT (5 - 15') 7/12/95 FS	MW-105S1 (36.5 - 41.5') 7/12/95 FS	MW-105S2 (43 - 48') 7/12/95 FS	MW-106WT (8 - 13') 7/12/95 FS	MW-106S1 (16.5 - 19') 7/12/95 FS	MW-106S2 (23 - 25.5') 7/12/95 FS	MW-121WT (3.5 - 13.5') 7/18/95 FS	MW-121WT (3.5 - 13.5') 6/4/96 FS	MW-121S1 (21.5 - 26.5') 7/18/95 FS	MW-121S2 (34.8 - 39.8') 7/18/95 FS	MW-122WT (2 - 12') 7/18/95 FS	MW-122S1 (18.1 - 23.1') 7/18/95 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	6.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	730	50 U	50 U	50 U	50 U	50 U	50 U	50 U	R	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	120	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	73	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	370	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	7.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	1,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	45	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	260	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	370 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	20	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	1.1	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	R	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	370 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U
Acenaphthene	1,300	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.1 J**	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	52	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	2.1 {Q}	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	2.0 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	**0.80 J**	5.0 U	**1.2 J**	5.0 U	**0.80 J**	5.0 U	**0.70 J**	5.0 UJ	5.0 U	0.86 U	1.8 U	5.0 U	5.0 U
Butyl benzyl phthalate	1,200	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-25

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-104S2 (45 - 50') 7/12/95 FS	MW-105WT (5 - 15') 7/12/95 FS	MW-105S1 (36.5 - 41.5') 7/12/95 FS	MW-105S2 (43 - 48') 7/12/95 FS	MW-106WT (8 - 13') 7/12/95 FS	MW-106S1 (16.5 - 19') 7/12/95 FS	MW-106S2 (23 - 25.5') 7/12/95 FS	MW-121WT (3.5 - 13.5') 7/18/95 FS	MW-121WT (3.5 - 13.5') 6/4/96 FS	MW-121S1 (21.5 - 26.5') 7/18/95 FS	MW-121S2 (34.8 - 39.8') 7/18/95 FS	MW-122WT (2 - 12') 7/18/95 FS	MW-122S1 (18.1 - 23.1') 7/18/95 FS
Carbazole	85	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	880	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	5,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	73,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	880	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	15	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Hexachloroethane	7.3	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	2.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	770	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	270	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	520	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	3.4 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	20 U	20 U	20 U	25 U	20 U	20 U	20 U	R	25 U	25 U	25 U	25 U	25 U
Phenanthrene	52	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	4,400	**1.1 J**	5.0 U	**0.60 J**	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-25

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-122S2 (25.8 - 30.8') 7/18/95 FS	MW-123WT (3 - 8') 7/18/95 FS	MW-123S1 (15 - 20') 7/18/95 FS	MW-124WT (2 - 7') 7/19/95 FS	MW-124S1 (11.5 - 16.5') 7/19/95 FS	MW-125WT (2.5 - 12.5') 7/19/95 FS	MW-125WT (2.5 - 12.5') 6/4/96 FS	MW-126WT (3 - 13') 6/6/96 FS	MW-138WT (14 - 24') 7/28/95 FS	MW-138WT (14 - 24') 6/10/96 FS	MW-139WT (13 - 23') 7/30/95 FS	MW-139WT (13 - 23') 6/13/96 FS	MW-139WT (13 - 23') 5/19/00 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	--	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	6.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	730	50 U	50 U	50 U	50 U	50 U	60 U	50 U	50 U	50 U	50 U	50 U	50 U	5.0 U
2,4,6-Trichlorophenol	120	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	73	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U
2,4-Dimethylphenol	370	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	7.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	1,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	45	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	260	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	370 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	24 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	20	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	1.1	20 U	20 U	20 U	20 U	20 U	24 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	24 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	24 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	24 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	370 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	24 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U
Acenaphthene	1,300	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	52	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	2.1 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	2.0 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 UJ	**7.2 J**	**0.83 J**	5.0 U	5.0 U	**7.0**	5.0 U
Butyl benzyl phthalate	1,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-25

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-122S2 (25.8 - 30.8') 7/18/95 FS	MW-123WT (3 - 8') 7/18/95 FS	MW-123S1 (15 - 20') 7/18/95 FS	MW-124WT (2 - 7') 7/19/95 FS	MW-124S1 (11.5 - 16.5') 7/19/95 FS	MW-125WT (2.5 - 12.5') 7/19/95 FS	MW-125WT (2.5 - 12.5') 6/4/96 FS	MW-126WT (3 - 13') 6/6/96 FS	MW-138WT (14 - 24') 7/28/95 FS	MW-138WT (14 - 24') 6/10/96 FS	MW-139WT (13 - 23') 7/30/95 FS	MW-139WT (13 - 23') 6/13/96 FS	MW-139WT (13 - 23') 5/19/00 FS
Carbazole	85	10 U	10 U	10 U	10 U	10 U	12 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	880	**1.0 J**	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	5,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	73,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	880	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	15	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	7.3	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	2.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	770	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	270	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	520	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	3.4 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	25 U	25 U	30 U	25 U	25 U	25 U	25 U	25 U	25 U	1.0 U
Phenanthrene	52	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	4,400	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-25

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-145WT (7 - 17')		MW-146WT (7 - 17')		X-14A (2.8 - 5.8')	X-14B (21.3 - 24.3')	X-14CAUG (26 - 31')			X-15AR (2 - 12')	X-15BR (35 - 40')		
		7/28/95 FS	6/4/96 FS	7/28/95 FS	6/12/96 FS	7/18/95 FS	7/18/95 FS	7/18/95 FS	6/4/96 FS	5/18/00 FS	7/19/95 FS	7/19/95 FS	6/5/96 FS	5/19/00 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.2 U	5.0 U	1.0 U
1,3-Dichlorobenzene	6.6	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.2 U	5.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	4.2 U	5.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	730	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	5.0 U	50 U	56 U	50 U	5.0 U
2,4,6-Trichlorophenol	120	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	73	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	6.0 U	5.0 U	10 U
2,4-Dimethylphenol	370	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	7.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2-Chloronaphthalene	1,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2-Chlorophenol	45	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2-Methylnaphthalene	260	5.0 U	5.0 U	**0.91 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2-Methylphenol	370 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	22 U	20 U	20 U
2-Nitrophenol	20	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	1.1	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	22 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	22 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	22 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	20 U	22 U	20 U	10 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
4-Methylphenol	370 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	22 U	20 U	20 U
Acenaphthene	1,300	5.0 U	5.0 U	**0.63 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Acenaphthylene	52	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Benzo(a)anthracene	2.1 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 UJ	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	2.0 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	**0.81 J**	5.0 U	**4.4 J**	5.0 U	2.6 U	5.0 U	7.7 U	**6.8 J**	5.0 U	5.0 U	**500 BD**	**6.7**	**14**
Butyl benzyl phthalate	1,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**24**	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-25

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-145WT (7 - 17')		MW-146WT (7 - 17')		X-14A (2.8 - 5.8')	X-14B (21.3 - 24.3')	X-14CAUG (26 - 31')			X-15AR (2 - 12')	X-15BR (35 - 40')		
		7/28/95 FS	6/4/96 FS	7/28/95 FS	6/12/96 FS	7/18/95 FS	7/18/95 FS	7/18/95 FS	6/4/96 FS	5/18/00 FS	7/19/95 FS	7/19/95 FS	6/5/96 FS	5/19/00 FS
Carbazole	85	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	6.0 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	880	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.88 J**	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 UJ	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Diethyl phthalate	5,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.59 J**	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Dimethyl phthalate	73,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Fluorene	880	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Hexachlorobutadiene	15	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Hexachloroethane	7.3	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.0 U	5.0 U	5.0 U	6.0 U	2.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 UJ	5.0 U
Isophorone	770	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	270	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Naphthalene	520	5.0 U	5.0 U	**4.3 J**	**3.9 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Nitrobenzene	3.4 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	1.0 U	25 U	28 U	25 U	1.0 U
Phenanthrene	52	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Phenol	4,400	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.71 J**	5.0 U	5.0 U	5.0 U	**0.59**	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-25

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	X-17R (2 - 12')			
		7/26/95	6/4/96		5/18/00
		FS	FS	DUP	FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	6.6	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 UJ	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	730	50 U	50 U	50 U	5.0 U
2,4,6-Trichlorophenol	120	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	73	5.0 U	5.0 U	5.0 U	10 U
2,4-Dimethylphenol	370	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	7.7	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	1,800	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	45	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	260	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	370 {J}	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U
2-Nitrophenol	20	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	1.1	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	150	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	10 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	370 {J}	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U
Acenaphthene	1,300	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	52	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	2.1 {Q}	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	2.0 {I}	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	**7.5 J**	5.0 UJ	5.0 U
Butyl benzyl phthalate	1,200	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-25

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	X-17R (2 - 12')			
		7/26/95	6/4/96		5/18/00
		FS	FS	DUP	FS
Carbazole	85	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	880	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	130	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	5,500	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	73,000	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	880	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	15	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	7.3	5.0 U	2.0 U	2.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	770	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	270	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	520	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	3.4 {I}	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	1.0 U
Phenanthrene	52	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	4,400	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-26

APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-126WT (3 - 13') 7/30/95 FS
1,2,4,5-Tetrachlorobenzene	1,300 {S}	5.0 U
1,2,4-Trichlorobenzene	70 {A}	50 U
1,2-Dichlorobenzene	600 {A}	6.2 U
1,3,5-Trinitrobenzene		R
1,3-Dichlorobenzene	6.6	6.2 U
1,3-Dinitrobenzene		5.0 U
1,4-Dichlorobenzene	75 {A}	6.2 U
1,4-Naphthoquinone		50 U
1-Naphthylamine		10 U
2,2'-oxybis(dichloropropane)		5.0 U
2,3,4,6-Tetrachlorophenol		50 U
2,4,5-Trichlorophenol	730	10 U
2,4,6-Trichlorophenol	120	5.0 U
2,4-Dichlorophenol	73	5.0 U
2,4-Dimethylphenol	370	5.0 U
2,4-Dinitrotoluene	7.7	5.0 U
2,6-Dichlorophenol		5.0 U
2,6-Dinitrotoluene		5.0 U
2-Acetylaminofluorene		100 U
2-Chloronaphthalene	1,800	5.0 U
2-Chlorophenol	45	5.0 U
2-Methylnaphthalene	260	5.0 U
2-Methylphenol	370 {J}	5.0 U
2-Naphthylamine		10 U
2-Nitroaniline		20 U
2-Nitrophenol	20	5.0 U
2-Picoline		20 U
3,3'-Dichlorobenzidine	1.1	20 U
3,3'-Dimethylbenzidine		10 U
3-Methylcholanthrene		20 U
3-Methylphenol	370 {J}	5.0 U
3-Nitroaniline		20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U
4-Aminobiphenyl		50 U
4-Bromophenyl phenyl ether		5.0 U
4-Chloro-3-methylphenol	150	5.0 U
4-Chloroaniline		10 U
4-Chlorophenyl phenyl ether		5.0 U
4-Methylphenol	370 {J}	5.0 U
4-Nitroaniline		20 UJ
4-Nitroquinoline1-oxide		100 U
5-Nitro-o-toluidine		20 U
7,12-Dimethylbenz(a)anthracene		20 U
Acenaphthene	1,300	5.0 U
Acenaphthylene	52	5.0 U
Acetophenone	1,500	10 U
alpha,alpha-Dimethyl phenethylamine		50 UJ
Aniline	53	10 U
Anthracene	43 {S}	5.0 U
Benzo(a)anthracene	2.1 {Q}	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U
Benzyl alcohol	10,000	10 U

See generic notes pages.

TABLE 4-26

APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-126WT (3 - 13') 7/30/95 FS
bis(2-Chloroethoxy)methane		5.0 U
bis(2-Chloroethyl)ether	2.0 {I}	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U
Butyl benzyl phthalate	1,200	5.0 U
Chrysene	5.0 {M,Q}	5.0 U
Di-n-butyl phthalate	880	5.0 U
Di-n-octyl phthalate	130	5.0 U
Diallate		5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U
Dibenzofuran	ID	5.0 U
Diethyl phthalate	5,500	5.0 U
Dimethyl phthalate	73,000	5.0 U
Diphenylamine		5.0 U
Ethyl methacrylate		6.2 U
Ethyl methanesulfonate		10 U
Fluoranthene	210 {S}	5.0 U
Fluorene	880	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U
Hexachlorobutadiene	15	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U
Hexachloroethane	7.3	5.0 U
Hexachloropropene		100 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U
Isophorone	770	5.0 U
Isosafrole, Total		20 U
Methapyrilene		50 U
Methyl methanesulfonate		10 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U
N-Nitrosodi-n-butylamine		10 U
N-Nitrosodiethylamine		10 U
N-Nitrosodimethylamine		5.0 U
N-Nitrosodiphenylamine	270	5.0 U
N-Nitrosomethylethylamine		10 U
N-Nitrosomorpholine		10 U
N-Nitrosopiperidine		10 U
N-Nitrosopyrrolidine		10 U
Naphthalene	520	5.0 U
Nitrobenzene	3.4 {I}	5.0 U
o-Toluidine		20 U
p-Chlorobenzilate		10 U
p-Dimethylaminoazobenzene		20 U
p-Phenylene diamine		100 U
Pentachlorobenzene	6.1	5.0 U
Pentachloroethane		10 U
Pentachloronitrobenzene	32 {S}	50 U
Pentachlorophenol	1.0 {A}	25 U
Phenacetin		20 U
Phenanthrene	52	5.0 U
Phenol	4,400	5.0 U
Pronamide		20 U
Pyrene	140 {S}	5.0 U
Safrole, Total		20 U
Tetraethyl Dithiopyrophosphate		1.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

7/29/95 data exists

Constituents (ug/L)	MDEQ Generic IDW Value	B-1R (3 - 13') 7/20/95 FS	B-1BAUG (19.5 - 24.5') 7/20/95 FS	B-1CAUG (32 - 37') 7/20/95 FS	B-1DAUG (44 - 49') 7/20/95 FS	B-2R (3 - 13') 6/11/96 FS	B-2R (3 - 13') 5/23/00 FS	B-2BAUG (20 - 25') 7/29/95 FS	B-3R (16 - 26') 7/26/95 FS	B-3BAUG (22.2 - 27.2') 7/25/95 FS	B-4AR (22 - 27') 7/25/95 FS	B-4BR (31.2 - 36.2') 7/25/95 FS	B-4CAUG (48.2 - 53.2') 7/25/95 FS	B-4CAUG (48.2 - 53.2') 6/4/96 FS	B-4CAUG (48.2 - 53.2') 5/23/00 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U	500 U	5.0 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U	500 U	5.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.7 U	6.2 U	500 U	5.0 U
2,2'-oxybis(dichloropropane)		5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	50 UJ	5.0 U	5.0 U	10 U	100 U	500 U	25 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 U	5.0 U	50 U	500 U	50 U	50 U	100 U	1,000 U	5,000 U	25 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	50 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	**70 JD**	**560**	**57**
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	**2.4 J**	100 U	500 U	25 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	**20**	10 U	**1.8 J**	500 U	25 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	**7.5**	500 U	25 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	40 U	400 U	2,000 U	100 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	40 U	400 U	2,000 U	100 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	40 U	400 U	2,000 U	100 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	40 U	400 U	2,000 U	100 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	10 U	20 U	200 U	20 U	20 U	40 U	400 U	2,000 U	50 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	**0.80 J**	**4.4 J**	**780 D**	**5,000**	**400 #**
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	200 U	20 U	20 U	40 U	400 U	2,000 U	100 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-1R (3 - 13') 7/20/95 FS	B-1BAUG (19.5 - 24.5') 7/20/95 FS	B-1CAUG (32 - 37') 7/20/95 FS	B-1DAUG (44 - 49') 7/20/95 FS	B-2R (3 - 13') 6/11/96 FS	B-2R (3 - 13') 5/23/00 FS	B-2BAUG (20 - 25') 7/29/95 FS	B-3R (16 - 26') 7/26/95 FS	B-3BAUG (22.2 - 27.2') 7/25/95 FS	B-4AR (22 - 27') 7/25/95 FS	B-4BR (31.2 - 36.2') 7/25/95 FS	B-4CAUG (48.2 - 53.2') 7/25/95 FS	B-4CAUG (48.2 - 53.2') 6/4/96 FS	B-4CAUG (48.2 - 53.2') 5/23/00 FS
Carbazole	350	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	20 U	200 U	1,000 U	50 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Hexachlorocyclopentadiene	50 {A}	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Hexachloroethane	21	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	200 U	25 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	**61**	10 U	**3.4 J**	500 U	25 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	25 U	25 U	1.0 U	25 U	250 U	25 U	25 U	50 U	500 U	2,500 U	5.0 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U
Phenol	13,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	**2.8 J**	**85**	**1,500 D**	**3,400**	**140**
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	10 U	100 U	500 U	25 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-4DAUG (64.5 - 69.5') 7/25/95 FS	B-4DAUG (64.5 - 69.5') 7/25/95 DUP	B-5BAUG (35 - 40') 7/12/95 FS	B-5BAUG (35 - 40') 7/12/95 DUP	B-5CAUG (42.5 - 47.5') 7/12/95 FS	B-6R (5.5 - 15.5') 7/21/95 FS	B-6BAUG (24.5 - 29.5') 7/21/95 FS	B-6CAUG (32 - 37') 7/21/95 FS	B-6DAUG (44.5 - 49.5') 7/21/95 FS	B-6DAUG (44.5 - 49.5') 7/21/95 DUP	MW-1B (20 - 25') 7/15/95 FS	MW-1CAUG (37.5 - 42.5') 7/15/95 FS	MW-2A (4 - 14') 7/27/95 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	60 U	50 U	50 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	24 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	24 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	24 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	24 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	24 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	**1.3 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	24 U	20 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	6.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	5.0 U	**2.2 J**	5.0 U	5.0 U	5.0 U	0.52 U	5.0 U	5.0 U	0.53 U	6.0 U	5.0 U	5.0 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-4DAUG (64.5 - 69.5') 7/25/95 FS	B-4DAUG (64.5 - 69.5') 7/25/95 DUP	B-5BAUG (35 - 40') 7/12/95 FS	B-5BAUG (35 - 40') 7/12/95 DUP	B-5CAUG (42.5 - 47.5') 7/12/95 FS	B-6R (5.5 - 15.5') 7/21/95 FS	B-6BAUG (24.5 - 29.5') 7/21/95 FS	B-6CAUG (32 - 37') 7/21/95 FS	B-6DAUG (44.5 - 49.5') 7/21/95 FS	B-6DAUG (44.5 - 49.5') 7/21/95 DUP	MW-1B (20 - 25') 7/15/95 FS	MW-1CAUG (37.5 - 42.5') 7/15/95 FS	MW-2A (4 - 14') 7/27/95 FS
Carbazole	350	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	12 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	6.0 U	5.0 U	5.0 U
Hexachloroethane	21	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	20 U	20 U	20 U	25 U	25 U	25 U	25 U	25 U	30 U	25 U	25 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Phenol	13,000	**26**	**18**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic	MW-2B (36 - 46')			MW-2CAUG (24 - 29')	MW-3A (2.5 - 12.5')		MW-3B (23 - 28')	MW-115WT (2.5 - 7.5')	MW-115S1 (20 - 25')				MW-115S2 (32.5 - 37.5')	MW-115S3 (41.5 - 46.5')
	IDW	7/27/95	6/11/96	5/20/00	7/27/95	7/27/95	6/12/96	7/27/95	7/15/95	7/15/95	6/7/96	5/18/00		7/15/95	7/15/95
Constituents (ug/L)	Value	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	19	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	5.0 U	50 U	R	50 U	50 U	50 U	50 U	50 U	5.0 U	5.0 U	50 U	50 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	10 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	R	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	**13**	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**6.4**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

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AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic	MW-2B (36 - 46')			MW-2CAUG (24 - 29')	MW-3A (2.5 - 12.5')		MW-3B (23 - 28')	MW-115WT (2.5 - 7.5')	MW-115S1 (20 - 25')				MW-115S2 (32.5 - 37.5')	MW-115S3 (41.5 - 46.5')
	IDW	7/27/95	6/11/96	5/20/00	7/27/95	7/27/95	6/12/96	7/27/95	7/15/95	7/15/95	6/7/96	5/18/00		7/15/95	7/15/95
Constituents (ug/L)	Value	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS
Carbazole	350	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	5.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	1.0 U	25 U	R	25 U	25 U	25 U	25 U	25 U	1.0 U	1.0 U	25 U	25 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-116WT (2 - 7') 7/15/95 FS	MW-116S1 (27 - 32') 7/15/95 FS	MW-116S2 (2 - 12') 7/15/95 FS	MW-117WT (3 - 13') 6/20/95 FS	MW-117S1 (24.2 - 29.2') 6/20/95 FS	MW-117S2 (35 - 40') 6/20/95 FS	MW-117S2 (35 - 40') 5/20/00 FS	MW-118WT (1.6 - 11.6') 6/20/95 FS	MW-118S1 (23.5 - 28.5') 6/20/95 FS	MW-118S2 (38.5 - 43.5') 6/20/95 FS	MW-118S2 (38.5 - 43.5') 6/20/95 DUP	MW-119WT (2 - 12') 7/17/95 FS	MW-119S1 (24 - 29') 7/17/95 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 U	50 U	5.0 U	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.80 J**	5.0 U	**1.7 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	**0.90 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 UJ	20 UJ	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	10 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	5.0 U	**0.63 J**	5.0 U	5.0 U	**12 B**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.2 J**	5.0 U	5.0 U	**0.80 J**	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-116WT (2 - 7') 7/15/95 FS	MW-116S1 (27 - 32') 7/15/95 FS	MW-116S2 (2 - 12') 7/15/95 FS	MW-117WT (3 - 13') 6/20/95 FS	MW-117S1 (24.2 - 29.2') 6/20/95 FS	MW-117S2 (35 - 40') 6/20/95 FS	MW-117S2 (35 - 40') 5/20/00 FS	MW-118WT (1.6 - 11.6') 6/20/95 FS	MW-118S1 (23.5 - 28.5') 6/20/95 FS	MW-118S2 (38.5 - 43.5') 6/20/95 FS	MW-118S2 (38.5 - 43.5') 6/20/95 DUP	MW-119WT (2 - 12') 7/17/95 FS	MW-119S1 (24 - 29') 7/17/95 FS
Carbazole	350	10 U	10 U	10 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	5.0 U	**0.60 J**	**0.70 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	20 UJ	20 U	20 U	1.0 U	20 U	20 U	20 UJ	20 U	25 U	25 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**18 B**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-119S2 (36.5 - 41.5') 7/17/95 FS	MW-120WT (4 - 14') 7/18/95 FS	MW-120S1 (23.8 - 28.8') 7/18/95 FS	MW-120S2 (36 - 41') 7/18/95 FS	MW-120S2 (36 - 41') 7/18/95 DUP	MW-127WT (2 - 12') 7/26/95 FS	MW-127S1 (16.5 - 21.5') 7/26/95 FS	MW-128WT (3 - 13') 7/26/95 FS	MW-128S1 (18.5 - 23.5') 7/26/95 FS	MW-129WT (2 - 12') 7/28/95 FS	MW-129WT (2 - 12') 6/12/96 FS	MW-130WT (3 - 13') 7/20/95 FS	MW-130WT (3 - 13') 6/6/96 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	10 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 U	50 UJ	50 U	100 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	40 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	40 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	40 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	40 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	40 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 UJ	20 U	20 UJ	20 U	40 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	5.0 U	5.0 U	3.3 U	1.3 U	7.9 UJ	**0.83 J**	10 U	5.0 U	**1.2 J**	5.0 U	1.2 U	5.0 UJ
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-119S2 (36.5 - 41.5') 7/17/95 FS	MW-120WT (4 - 14') 7/18/95 FS	MW-120S1 (23.8 - 28.8') 7/18/95 FS	MW-120S2 (36 - 41') 7/18/95 FS	MW-120S2 (36 - 41') 7/18/95 DUP	MW-127WT (2 - 12') 7/26/95 FS	MW-127S1 (16.5 - 21.5') 7/26/95 FS	MW-128WT (3 - 13') 7/26/95 FS	MW-128S1 (18.5 - 23.5') 7/26/95 FS	MW-129WT (2 - 12') 7/28/95 FS	MW-129WT (2 - 12') 6/12/96 FS	MW-130WT (3 - 13') 7/20/95 FS	MW-130WT (3 - 13') 6/6/96 FS
Carbazole	350	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	20 U	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	2.0 U	5.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	25 U	25 U	25 UJ	25 U	50 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	5.0 U	5.0 U	5.0 U	**0.78 J**	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-130S1 (26 - 31') 7/20/95 FS	MW-130S2 (36 - 41') 7/20/95 FS	MW-130S3 (46 - 51') 7/20/95 FS	MW-131WT (2 - 12') 7/27/95 FS	MW-131S1 (42.5 - 45') 7/27/95 FS	MW-131S2 (49.5 - 52') 7/27/95 FS	MW-131S2 (49.5 - 52') 7/27/95 DUP	MW-131S2 (49.5 - 52') 6/6/96 FS	MW-132WT (4 - 14') 7/21/95 FS	MW-132WT (4 - 14') 6/6/96 FS	MW-132S1 (22 - 27') 7/21/95 FS	MW-132S1 (22 - 27') 6/7/96 FS	MW-133WT (4 - 14') 7/20/95 FS	MW-133S1 (37 - 42') 7/20/95 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	**1.4 J**	**5.8**	**0.92 J**	5.0 UJ	5.0 U	5.0 U	1.0 U	5.0 U	5.0 U	5.0 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-130S1 (26 - 31') 7/20/95 FS	MW-130S2 (36 - 41') 7/20/95 FS	MW-130S3 (46 - 51') 7/20/95 FS	MW-131WT (2 - 12') 7/27/95 FS	MW-131S1 (42.5 - 45') 7/27/95 FS	MW-131S2 (49.5 - 52') 7/27/95 FS	MW-131S2 (49.5 - 52') 7/27/95 DUP	MW-131S2 (49.5 - 52') 6/6/96 FS	MW-132WT (4 - 14') 7/21/95 FS	MW-132WT (4 - 14') 6/6/96 FS	MW-132S1 (22 - 27') 7/21/95 FS	MW-132S1 (22 - 27') 6/7/96 FS	MW-133WT (4 - 14') 7/20/95 FS	MW-133S1 (37 - 42') 7/20/95 FS
Carbazole	350	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**5**	**3.9 J**	**1.5 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-133S2 (49 - 54') 7/20/95 FS	MW-133S2 (49 - 54') 7/20/95 DUP	MW-134WT (4 - 9') 7/20/95 FS	MW-134S1 (34 - 39') 7/20/95 FS	MW-134S2 (46.7 - 51.7') 7/20/95 FS	MW-135WT (5 - 15') 7/21/95 FS	MW-135S1 (23.7 - 28.7') 7/21/95 FS	MW-135S2 (32 - 37') 7/21/95 FS	MW-135S3 (42.5 - 47.5') 7/21/95 FS	MW-136WT (13 - 23') 7/20/95 FS	MW-136WT (13 - 23') 6/6/96 FS	MW-136S1 (37 - 42') 7/20/95 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 UJ	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	1.1 U	2.8 U	0.91 U	5.0 UJ	0.57 U	4.0 U	5.0 UJ	0.95 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-133S2 (49 - 54') 7/20/95 FS	MW-133S2 (49 - 54') 7/20/95 DUP	MW-134WT (4 - 9') 7/20/95 FS	MW-134S1 (34 - 39') 7/20/95 FS	MW-134S2 (46.7 - 51.7') 7/20/95 FS	MW-135WT (5 - 15') 7/21/95 FS	MW-135S1 (23.7 - 28.7') 7/21/95 FS	MW-135S2 (32 - 37') 7/21/95 FS	MW-135S3 (42.5 - 47.5') 7/21/95 FS	MW-136WT (13 - 23') 7/20/95 FS	MW-136WT (13 - 23') 6/6/96 FS	MW-136S1 (37 - 42') 7/20/95 FS
Carbazole	350	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 UJ	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	**1.8 J**	5.0 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**3.5 J**	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	2.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.2 J**	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic	MW-136S2 (44 - 49')			MW-137WT (4 - 14')	MW-140WT (11 - 21')			MW-140S1 (28.5 - 33.5')		MW-140S2 (45.5 - 50.5')		
	IDW	7/20/95	6/5/96		7/28/95	7/20/95	6/5/96	5/17/00	7/20/95	6/5/96	7/20/95	6/5/96	5/17/00
Constituents (ug/L)	Value	FS	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U
1,3-Dichlorobenzene	19	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	5.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 U	50 U	5.0 U	R	50 U	50 U	50 U	5.0 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	R	5.0 U	5.0 U	5.0 U	10 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	R	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	10 U	20 U	20 U	20 U	20 U	10 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	1.4 U	**2.9 J**	5.0 U	5.0 U	**19**	**12**	5.0 U	**1.2 J**	5.0 U	**0.70 J**	5.0 U	5.0 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-136S2 (44 - 49') 7/20/95 FS	MW-136S2 (44 - 49') 6/5/96 FS	MW-136S2 (44 - 49') 6/5/96 DUP	MW-137WT (4 - 14') 7/28/95 FS	MW-140WT (11 - 21') 7/20/95 FS	MW-140WT (11 - 21') 6/5/96 FS	MW-140WT (11 - 21') 5/17/00 FS	MW-140S1 (28.5 - 33.5') 7/20/95 FS	MW-140S1 (28.5 - 33.5') 6/5/96 FS	MW-140S2 (45.5 - 50.5') 7/20/95 FS	MW-140S2 (45.5 - 50.5') 6/5/96 FS	MW-140S2 (45.5 - 50.5') 5/17/00 FS
Carbazole	350	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	5.0 U	**1.0 J**	5.0 U	5.0 U	5.0 U	5.0 U	**0.84 J**	5.0 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	5.0 U	2.0 U	2.0 U	5.0 U	5.0 U	2.0 U	5.0 U	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	25 U	25 U	25 U	1.0 U	R	25 U	25 U	25 U	1.0 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	**1.0 J**	**1.4 J**	**1.7 J**	5.0 U	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-142WT (3 - 13') 7/30/95 FS	MW-142WT (3 - 13') 6/11/96 FS	MW-143WT (6 - 16') 7/25/95 FS	MW-143WT (6 - 16') 6/8/96 FS	MW-144WT (2 - 12') 7/29/95 FS	MW-144WT (2 - 12') 7/29/95 DUP	MW-144WT (2 - 12') 6/8/96 FS	MW-147WT (5 - 15') 7/30/95 FS	MW-150WT (3 - 13') 6/13/96 FS	MW-150WT (3 - 13') 6/13/96 DUP	MW-151WT (6 - 16') 10/20/95 FS	MW-152WT (6 - 16') 10/20/95 FS	MW-152WT (6 - 16') 6/5/96 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		**23**	**12**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	**3.4 J**	**6.8 JN**	5.0 U	5.0 U	5.0 U	**20 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 UJ	20 U	20 U	20 U	20 UJ	20 UJ	20 U	200 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	**0.52 J**	**1.0 JN**	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	5.0 UJ	5.0 U	5.0 UJ	**5.0**	5.0 U	5.0 U	50 U	5.0 U	5.0 U	**1.3 J**	**1.8 J**	5.0 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-142WT (3 - 13') 7/30/95 FS	MW-142WT (3 - 13') 6/11/96 FS	MW-143WT (6 - 16') 7/25/95 FS	MW-143WT (6 - 16') 6/8/96 FS	MW-144WT (2 - 12') 7/29/95 FS	MW-144WT (2 - 12') 7/29/95 DUP	MW-144WT (2 - 12') 6/8/96 FS	MW-147WT (5 - 15') 7/30/95 FS	MW-150WT (3 - 13') 6/13/96 FS	MW-150WT (3 - 13') 6/13/96 DUP	MW-151WT (6 - 16') 10/20/95 FS	MW-152WT (6 - 16') 10/20/95 FS	MW-152WT (6 - 16') 6/5/96 FS
Carbazole	350	10 U	10 U	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	**0.55 J**	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	5.0 U	2.0 U	50 U	2.0 U	2.0 U	5.0 U	5.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	**19**	**26 JN**	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-153WT (6 - 16') 10/20/95 FS	MW-154WT (6 - 16') 10/19/95 FS	MW-154WT (6 - 16') 6/13/96 FS	MW-155WT (6 - 16') 10/19/95 FS	MW-156WT (6 - 16') 10/20/95 FS	MW-156WT (6 - 16') 10/20/95 DUP	MW-156WT (6 - 16') 6/7/96 FS	TWW-1 1/25/97 FS	TWW-2 1/23/97 FS	TWW-2 1/23/97 DUP	UST-MWS1 (27 - 32') 7/27/95 FS	UST-MWS1 (27 - 32') 6/10/96 FS	UST-MWS2 (40.1 - 45.1') 7/26/95 FS	UST-MWS2 (40.1 - 45.1') 6/10/96 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.79 J**	**1.2 J**
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	**3.8 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.3 J**	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	5.0 U	5.0 U	**0.82 J**	**1.2 J**	**8.7**	8.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-153WT (6 - 16') 10/20/95 FS	MW-154WT (6 - 16') 10/19/95 FS	MW-154WT (6 - 16') 6/13/96 FS	MW-155WT (6 - 16') 10/19/95 FS	MW-156WT (6 - 16') 10/20/95 FS	MW-156WT (6 - 16') 10/20/95 DUP	MW-156WT (6 - 16') 6/7/96 FS	TWW-1 1/25/97 FS	TWW-2 1/23/97 FS	TWW-2 1/23/97 DUP	UST-MWS1 (27 - 32') 7/27/95 FS	UST-MWS1 (27 - 32') 6/10/96 FS	UST-MWS2 (40.1 - 45.1') 7/26/95 FS	UST-MWS2 (40.1 - 45.1') 6/10/96 FS
Carbazole	350	10 U	10 U	10 U	10 U	10 U	10 U	10 U	*10 U*	*10 U*	*10 U*	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	**1.4 J**	5.0 U	5.0 U	5.0 U	**1.2 J**	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5.0 U	**3.1 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	***2.1 J***	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	5.0 U	5.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.0 U	*2.0 U*	*2.0 U*	*2.0 U*	5.0 U	2.0 U	5.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	**1.1 J**	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	**2.7 J**	25 U	25 U	25 U	25 U	25 U	*25 U*	*25 U*	*25 U*	25 U	25 U	25 U	25 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	5.0 U	**12**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	*5.0 U*	*5.0 U*	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-1A (9.7 - 12.7') 7/29/95 FS	X-1A (9.7 - 12.7') 6/10/96 FS	X-1B (20.7 - 23.7') 7/29/95 FS	X-1CR (2 - 12') 6/10/96 FS	X-1CR2 (43.7 - 48.7') 7/29/95 FS	X-1CR2 (43.7 - 48.7') 6/11/96 FS	X-1CR2 (43.7 - 48.7') 5/24/00 FS	X-2A (8.6 - 11.6') 7/15/95 FS	X-2A (8.6 - 11.6') 6/12/96 FS	X-2B (22.1 - 25.1') 7/15/95 FS	X-2C (43.1 - 46.1') 7/15/95 FS	X-2DAUG (32 - 37') 7/15/95 FS	X-3AR (7.6 - 17.6') 6/20/95 FS	X-3BR (31 - 36') 6/20/95 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
1,2-Dichlorobenzene	600 {A}	3.6 U	2.1 U	1.0 U	1.2 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	19	3.6 U	2.1 U	1.0 U	1.2 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	3.6 U	2.1 U	1.0 U	1.2 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 UJ	5.0 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 U	50 U	5.0 U	50 U	50 U	50 U	60 U	50 U	100 U	50 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.4 J**	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
2-Methylnaphthalene	750	**1.0 J**	5.0 U	5.0 U	**1.2 J**	5.0 U	5.0 U	5.0 U	**12**	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.4 J**	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	24 U	20 U	40 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	24 U	20 U	40 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	24 U	20 U	40 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	24 U	20 U	40 UJ	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	10 U	20 U	20 U	20 U	24 U	20 U	40 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**6.0**	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
4-Nitroaniline		20 UJ	20 U	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 U	24 U	20 U	40 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Anthracene	43 {S}	**0.58 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**7.0 J**	5.0 U	**2.7 J**	5.0 UJ	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-1A (9.7 - 12.7') 7/29/95 FS	X-1A (9.7 - 12.7') 6/10/96 FS	X-1B (20.7 - 23.7') 7/29/95 FS	X-1CR (2 - 12') 6/10/96 FS	X-1CR2 (43.7 - 48.7') 7/29/95 FS	X-1CR2 (43.7 - 48.7') 6/11/96 FS	X-1CR2 (43.7 - 48.7') 5/24/00 FS	X-2A (8.6 - 11.6') 7/15/95 FS	X-2A (8.6 - 11.6') 6/12/96 FS	X-2B (22.1 - 25.1') 7/15/95 FS	X-2C (43.1 - 46.1') 7/15/95 FS	X-2DAUG (32 - 37') 7/15/95 FS	X-3AR (7.6 - 17.6') 6/20/95 FS	X-3BR (31 - 36') 6/20/95 FS
Carbazole	350	**2.6 J**	**1.6 J**	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	12 U	10 U	10 U	5.0 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.74 J**	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.92 J**	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 UJ	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Hexachloroethane	21	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	5.0 U	2.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**8.9**	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	25 U	25 U	25 U	1.0 U	25 U	25 U	25 U	30 U	25 U	40 U	.20 UJ
Phenanthrene	150	**0.70 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**2.6 J**	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Phenol	13,000	5.0 U	5.0 U	5.0 U	5.0 U	**100 D**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.72 J**	5.0 U	5.0 U	6.0 U	5.0 U	10 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-3CAUG (46.5 - 51.5') 6/20/95 FS	X-5A (8.9 - 11.9') 6/21/95 FS	X-5A (8.9 - 11.9') 6/6/96 FS	X-5B (15.4 - 18.4') 6/21/95 FS	X-5CR (40 - 45') 6/21/95 FS	X-5CR (40 - 45') 6/5/96 FS	X-6A 9/26/95 FS	X-6B 9/26/95 FS	X-7A (15.6 - 18.6') 6/20/95 FS	X-7A (15.6 - 18.6') 6/12/96 FS	X-7BR (22 - 27') 6/20/95 FS	X-7BR (22 - 27') 6/5/96 FS	X-7CAUG (34 - 39') 6/21/95 FS	X-7DAUG (46 - 51') 6/20/95 FS	X-7DAUG (46 - 51') 6/5/96 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	**1.3 J**	10 UJ	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 UJ	10 UJ	33 U	17 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 UJ	10 UJ	33 U	**59**	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 UJ	25 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 UJ	50 U	50 U	200 U	200 U	250 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	**15 J**	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	**15**	**30**	**25**	**19 J**	**0.50 J**	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	80 U	80 UJ	100 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	80 U	80 U	100 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	80 U	80 U	100 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	80 U	80 U	100 U	20 U	20 U	20 U	20 UJ	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	80 U	80 U	100 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	**11 J**	**66**	**85**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	80 U	80 U	100 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	**2.4 J**	**7.4 J**	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	**2.2 J**	**6.6 J**	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	**2.1 J**	**7.9 J**	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	**1.5 J**	**7.6 J**	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	**2.4 J**	**12 J**	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	**4.0 J**	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 UJ	5.0 U	**71**	**450**	20 U	25 U	5.0 U	**2.4 J**	5.0 U	5.0 U	5.0 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-3CAUG (46.5 - 51.5') 6/20/95 FS	X-5A (8.9 - 11.9') 6/21/95 FS	X-5A (8.9 - 11.9') 6/6/96 FS	X-5B (15.4 - 18.4') 6/21/95 FS	X-5CR (40 - 45') 6/21/95 FS	X-5CR (40 - 45') 6/5/96 FS	X-6A 9/26/95 FS	X-6B 9/26/95 FS	X-7A (15.6 - 18.6') 6/20/95 FS	X-7A (15.6 - 18.6') 6/12/96 FS	X-7BR (22 - 27') 6/20/95 FS	X-7BR (22 - 27') 6/5/96 FS	X-7CAUG (34 - 39') 6/21/95 FS	X-7DAUG (46 - 51') 6/20/95 FS	X-7DAUG (46 - 51') 6/5/96 FS
Carbazole	350	5.0 U	5.0 U	10 U	5.0 U	5.0 UJ	10 U	**3.2 J**	**11 J**	20 U	50 U	5.0 U	10 U	5.0 U	5.0 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	**2.6 J**	**9.4 J**	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	5.0 U	**0.80 J**	5.0 U	5.0 U	**6.6 J**	20 U	25 U	5.0 U	5.0 U	5.0 U	**1.5 J**	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	**12 J**	20 U	25 U	5.0 U	5.0 U	5.0 U	**0.80 J**	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	**2.1 J**	**7.0 J**	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	**6.8 J**	**9.5 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	**8.4**	**27**	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	**4.3 J**	**10 J**	**2.9 J**	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	5.0 U	5.0 U	2.0 U	5.0 U	5.0 UJ	2.0 U	5.0 U	20 U	20 U	10 U	5.0 U	2.0 U	5.0 U	5.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	**4.4 J**	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	**19**	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 UJ	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	**12**	**54**	**51**	**39**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	20 U	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	20 UJ	20 U	25 U	20 U	20 UJ	25 U	25 U	100 U	80 U	120 U	20 UJ	25 U	20 U	20 U	25 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	**14**	**38**	**4.6 J**	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	**16 J**	20 U	**25**	**5.7 B**	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	**6.4**	**19 J**	20 U	25 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-10A (7.7 - 10.7') 6/13/96 FS	X-10BR (26.3 - 31.3') 7/24/95 FS	X-10CR (36.6 - 41.6') 7/24/95 FS	X-10DAUG (22 - 27') 7/24/95 FS	X-11AR (2 - 12') 7/26/95 FS	X-12AR (2 - 7') 7/26/95 FS	X-12B (41.7 - 44.7') 7/26/95 FS	X-12B (41.7 - 44.7') 6/5/96 FS	X-12CAUG (17.5 - 20') 7/26/95 FS	X-13AR (2 - 12') 7/18/95 FS	X-13AR (2 - 12') 6/8/96 FS	X-13AR (2 - 12') 5/20/00 FS	X-13B (19.9 - 22.9') 7/18/95 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	5.0 U	50 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	10 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U	20 UJ
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**2.1 J**	**3.3 J**	5.0 U	**76 B**	5.0 U	5.0 U	0.58 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-10A (7.7 - 10.7') 6/13/96 FS	X-10BR (26.3 - 31.3') 7/24/95 FS	X-10CR (36.6 - 41.6') 7/24/95 FS	X-10DAUG (22 - 27') 7/24/95 FS	X-11AR (2 - 12') 7/26/95 FS	X-12AR (2 - 7') 7/26/95 FS	X-12B (41.7 - 44.7') 7/26/95 FS	X-12B (41.7 - 44.7') 6/5/96 FS	X-12CAUG (17.5 - 20') 7/26/95 FS	X-13AR (2 - 12') 7/18/95 FS	X-13AR (2 - 12') 6/8/96 FS	X-13AR (2 - 12') 5/20/00 FS	X-13B (19.9 - 22.9') 7/18/95 FS
Carbazole	350	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	2.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	5.0 U	5.0 U	2.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	1.0 U	25 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.90 J**	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic IDW	X-13CAUG (36.2 - 41.2')			X-16A (5.8 - 8.8')		X-16B (20.4 - 23.4')	X-19AR (2 - 12')		X-20 (4.7 - 7.7')
		7/18/95	6/8/96		7/27/95	6/6/96	7/28/95	7/28/95	6/4/96	7/25/95
Constituents (ug/L)	Value	FS	FS	DUP	FS	FS	FS	FS	FS	FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	5.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U
1,3-Dichlorobenzene	19	1.0 U	5.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	5.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	1.4 U	**1.1 J**	5.0 U	**1.5 J**	5.0 UJ	5.0 U	**0.54 J**	5.0 UJ	5.0 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-27

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-13CAUG (36.2 - 41.2')			X-16A (5.8 - 8.8')		X-16B (20.4 - 23.4')	X-19AR (2 - 12')		X-20 (4.7 - 7.7')
		7/18/95	6/8/96		7/27/95	6/6/96	7/28/95	7/28/95	6/4/96	7/25/95
		FS	FS	DUP	FS	FS	FS	FS	FS	FS
Carbazole	350	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	**7.6**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	5.0 U	2.0 U	2.0 U	5.0 U	2.0 U	5.0 U	5.0 U	2.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-28

APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-2R (3 - 13') 7/29/95 FS	B-5R (5 - 15') 7/12/95 FS	MW-1A (5 - 15') 7/17/95 FS	MW-1A (5 - 15') 7/17/95 DUP	MW-141WT (4 - 14') 7/28/95 FS	MW-148WT (5 - 15') 7/30/95 FS	X-1CR (2 - 12') 7/29/95 FS	X-3AR (7.6 - 17.6') 7/31/95 FS	X-5A (8.9 - 11.9') 7/19/95 FS	X-5B (15.4 - 18.4') 7/19/95 FS
1,2,4,5-Tetrachlorobenzene	1,300 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2,4-Trichlorobenzene	70 {A}	50 U	50 U	50 U	50 U	5.0 U	50 U	50 U	50 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	1.0 U	1.0 U
1,3,5-Trinitrobenzene		R	R	R	R	R	R	R	R	R	R
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	1.0 U	1.0 U
1,3-Dinitrobenzene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	1.0 U	1.0 U
1,4-Naphthoquinone		50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U
1-Naphthylamine		10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
2,3,4,6-Tetrachlorophenol		50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U
2,4,5-Trichlorophenol	2,100	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dichlorophenol		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Acetylaminofluorene		100 U	100 U	100 U	100 U	100 U	1,000 U	100 U	100 U	100 U	100 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**5.3 J**	**3.8 J**	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Naphthylamine		10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Picoline		20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U
3,3'-Dimethylbenzidine		10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
3-Methylcholanthrene		20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U
3-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U
4-Aminobiphenyl		50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-28

APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-2R (3 - 13') 7/29/95 FS	B-5R (5 - 15') 7/12/95 FS	MW-1A (5 - 15') 7/17/95 FS	MW-1A (5 - 15') 7/17/95 DUP	MW-141WT (4 - 14') 7/28/95 FS	MW-148WT (5 - 15') 7/30/95 FS	X-1CR (2 - 12') 7/29/95 FS	X-3AR (7.6 - 17.6') 7/31/95 FS	X-5A (8.9 - 11.9') 7/19/95 FS	X-5B (15.4 - 18.4') 7/19/95 FS
4-Nitroaniline		20 UJ	20 UJ	20 UJ	20 UJ	20 UJ	200 U	20 U	20 UJ	20 U	20 U
4-Nitroquinoline1-oxide		100 U	100 UJ	100 U	100 U	100 U	1,000 UJ	R	100 U	100 U	100 U
5-Nitro-o-toluidine		20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U
7,12-Dimethylbenz(a)anthracene		20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetophenone	4,400	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
alpha,alpha-Dimethyl phenethylamine		50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	500 UJ	50 UJ	50 UJ	50 UJ	50 UJ
Aniline	220	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 UJ	10 UJ
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzyl alcohol	29,000	10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	19 J	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Diallate		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Diphenylamine		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Ethyl methacrylate		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	8.3 U	2.5 U	1.0 U	1.0 U
Ethyl methanesulfonate		10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloropropene		100 U	100 U	100 U	100 U	100 U	1,000 U	100 U	100 U	100 U	100 U

See generic notes pages.

TABLE 4-28

APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-2R (3 - 13') 7/29/95 FS	B-5R (5 - 15') 7/12/95 FS	MW-1A (5 - 15') 7/17/95 FS	MW-1A (5 - 15') 7/17/95 DUP	MW-141WT (4 - 14') 7/28/95 FS	MW-148WT (5 - 15') 7/30/95 FS	X-1CR (2 - 12') 7/29/95 FS	X-3AR (7.6 - 17.6') 7/31/95 FS	X-5A (8.9 - 11.9') 7/19/95 FS	X-5B (15.4 - 18.4') 7/19/95 FS
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Isosafrole, Total		20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U
Methapyrilene		50 U	50 U	50 U	50 U	50 U	500 U	50 UJ	50 U	50 U	50 U
Methyl methanesulfonate		10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodi-n-butylamine		10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
N-Nitrosodiethylamine		10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
N-Nitrosodimethylamine		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosomethylethylamine		10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
N-Nitrosomorpholine		10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
N-Nitrosopiperidine		10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
N-Nitrosopyrrolidine		10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
o-Toluidine		20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U
p-Chlorobenzilate		10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
p-Dimethylaminoazobenzene		20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U
p-Phenylene diamine		100 U	100 UJ	100 U	100 U	100 U	1,000 U	100 U	100 U	100 UJ	100 UJ
Pentachlorobenzene	17	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachloroethane		10 U	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U	10 U
Pentachloronitrobenzene	32 {S}	50 U	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U	50 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	25 U	25 U	250 U	25 U	25 U	**3.2 J**	25 U
Phenacetin		20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**21 J**	**1.9 J**	5.0 U	5.0 U	5.0 U
Phenol	13,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	**0.89 J**	5.0 U
Pronamide		20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**7.5 J**	5.0 U	5.0 U	5.0 U	5.0 U
Safrole, Total		20 U	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U	20 U
Tetraethyl Dithiopyrophosphate		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U

See generic notes pages.

TABLE 4-29

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic GSI	B-7R (5 - 15')						B-7BAUG (37.5 - 42.5')		B-7CAUG (44.3 - 49.3')		MW-5A (5 - 15')			MW-5B (25 - 30')		MW-6A (6 - 16')	
		6/13/96		3/5/97		6/29/99	5/20/00	7/17/95	6/11/96	7/17/95	6/11/96	7/13/95	6/8/96	3/10/97	7/13/95	6/8/96	6/9/96	3/10/97
Constituents (ug/L)	Value	FS	DUP	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
PCBs, Unfiltered																		
Aroclor-1016	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U	R	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U	R	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.20 {J,M,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.10 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	R	0.40 U	0.40 U	R	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U	R	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.20 {J,M,T}	0.20 U	0.20 U	0.25	0.27	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U	R	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U	R	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U	R	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.20 {J,M,T}	NA	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.20 {J,M,T}	NA	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.20 {J,M,T}	ND	ND	0.25	0.27	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered																		
Aroclor-1016	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U	R	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U	R	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.20 {J,M,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.10 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	R	0.40 U	0.40 U	R	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U	R	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U	R	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U	R	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U	R	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.20 {J,M,T}	NA	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.20 {J,M,T}	NA	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.20 {J,M,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-29

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR GROUNDWATER AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-6B (27.5 - 32.5')		MW-6CAUG (37.5 - 42.5')		MW-6DAUG (47.8 - 52.8')		MW-107WT (4 - 9')			MW-107S1 (12.5 - 17.5')		MW-107S2 (21.4 - 26.4')		MW-108WT (2.5 - 7.5')		
		7/13/95 FS	6/9/96 FS	7/13/95 FS	6/9/96 FS	7/13/95 FS	6/9/96 FS	7/12/95 FS	6/7/96 FS	3/10/97 FS	7/12/95 FS	6/7/96 FS	7/12/95 FS	6/7/96 FS	7/13/95 FS	6/8/96 FS	3/10/97 FS
PCBs, Unfiltered																	
Aroclor-1016	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U
Aroclor-1221	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U
Aroclor-1232	0.20 {J,M,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	R	0.40 U	0.40 U
Aroclor-1242	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U
Aroclor-1248	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U
Aroclor-1254	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U
Aroclor-1260	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U
Aroclor-1262	0.20 {J,M,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.20 {J,M,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.20 {J,M,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered																	
Aroclor-1016	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U
Aroclor-1221	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U
Aroclor-1232	0.20 {J,M,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	R	0.40 U	0.40 U
Aroclor-1242	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U
Aroclor-1248	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U
Aroclor-1254	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U
Aroclor-1260	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	R	0.20 U	0.20 U
Aroclor-1262	0.20 {J,M,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.20 {J,M,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.20 {J,M,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-29

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic	MW-108S1 (8.8 - 13.8')					MW-108S2 (22 - 27')		MW-108S3 (39.8 - 44.8')		MW-108S4 (45 - 50')		MW-109WT (3 - 8')			MW-110WT (3 - 8')		
Constituents (ug/L)	GSI Value	7/13/95 FS	6/8/96 FS	3/10/97 FS	6/29/99 FS	5/23/00 FS	7/13/95 FS	6/8/96 FS	7/13/95 FS	6/8/96 FS	7/13/95 FS	6/8/96 FS	7/13/95 FS	6/12/96 FS	3/10/97 FS	6/12/96 FS	3/6/97 FS	5/22/00 FS
PCBs, Unfiltered																		
Aroclor-1016	0.20 {J,M,T}	R	0.20 U	0.20 U	0.10 U	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.20 {J,M,T}	R	0.20 U	0.20 U	0.10 U	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.20 {J,M,T}	R	0.40 U	0.40 U	0.10 U	0.40 U	R	0.40 U	R	0.40 U	R	0.40 U	R	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.20 {J,M,T}	R	0.20 U	0.20 U	0.10 U	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.20 {J,M,T}	0.22	0.20 U	0.20 U	0.10 U	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	0.20 U	0.20 U	0.23	0.20 U
Aroclor-1254	0.20 {J,M,T}	R	0.20 U	0.20 U	0.10 U	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.20 {J,M,T}	R	0.20 U	0.20 U	0.10 U	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.20 {J,M,T}	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.20 {J,M,T}	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.20 {J,M,T}	0.22	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.23	ND
PCBs, Filtered																		
Aroclor-1016	0.20 {J,M,T}	R	0.20 U	0.20 U	0.10 U	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.20 {J,M,T}	R	0.20 U	0.20 U	0.10 U	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.20 {J,M,T}	R	0.40 U	0.40 U	0.10 U	0.40 U	R	0.40 U	R	0.40 U	R	0.40 U	R	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.20 {J,M,T}	R	0.20 U	0.20 U	0.10 U	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.20 {J,M,T}	R	0.20 U	0.20 U	0.10 U	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.20 {J,M,T}	R	0.20 U	0.20 U	0.10 U	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.20 {J,M,T}	R	0.20 U	0.20 U	0.10 U	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	R	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.20 {J,M,T}	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.20 {J,M,T}	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.20 {J,M,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-29

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic	MW-111WT (5.5 - 10.5')				MW-111S1 (12 - 17')		MW-111S2 (25 - 30')			MW-111S3 (36 - 41')			MW-111S4 (46 - 51')				
		7/14/95	6/12/96	3/7/97	6/30/99	7/14/95	6/12/96	7/13/95		6/10/96	7/13/95	6/10/96	6/29/99	7/14/95	6/10/96	3/7/97	7/2/99	5/23/00
Constituents (ug/L)	GSI Value	FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS
PCBs, Unfiltered																		
Aroclor-1016	0.20 {J,M,T}	0.21 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U
Aroclor-1221	0.20 {J,M,T}	0.21 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U
Aroclor-1232	0.20 {J,M,T}	0.42 U	0.40 U	0.40 U	0.10 U	0.41 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	NA	0.40 U	0.40 U	0.40 U	0.10 U	0.40 U
Aroclor-1242	0.20 {J,M,T}	0.21 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U
Aroclor-1248	0.20 {J,M,T}	**0.41**	0.20 U	**0.28**	**0.11**	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	**0.21**	0.20 U	0.20 U	0.10 U	0.20 U
Aroclor-1254	0.20 {J,M,T}	0.21 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U
Aroclor-1260	0.20 {J,M,T}	0.21 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U
Aroclor-1262	0.20 {J,M,T}	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10 U	NA
Aroclor-1268	0.20 {J,M,T}	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10 U	NA
Total Aroclors	0.20 {J,M,T}	**0.41**	ND	**0.28**	**0.11**	ND	ND	ND	ND	ND	ND	ND	NA	**0.21**	ND	ND	ND	ND
PCBs, Filtered																		
Aroclor-1016	0.20 {J,M,T}	0.21 U	0.20 U	0.20 U	0.10 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U
Aroclor-1221	0.20 {J,M,T}	0.21 U	0.20 U	0.20 U	0.10 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U
Aroclor-1232	0.20 {J,M,T}	0.42 U	0.40 U	0.40 U	0.10 U	0.42 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.10 U	0.40 U	0.40 U	0.40 U	0.10 U	0.40 U
Aroclor-1242	0.20 {J,M,T}	0.21 U	0.20 U	0.20 U	0.10 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U
Aroclor-1248	0.20 {J,M,T}	0.21 U	0.20 U	0.20 U	0.10 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U
Aroclor-1254	0.20 {J,M,T}	0.21 U	0.20 U	0.20 U	0.10 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U
Aroclor-1260	0.20 {J,M,T}	0.21 U	0.20 U	0.20 U	0.10 U	0.21 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U
Aroclor-1262	0.20 {J,M,T}	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	0.10 U	NA	NA	NA	0.10 U	NA
Aroclor-1268	0.20 {J,M,T}	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	0.10 U	NA	NA	NA	0.10 U	NA
Total Aroclors	0.20 {J,M,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-29

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR GROUNDWATER AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

	MDEQ Generic	MW-112WT (3.5 - 8.5')							MW-113WT (3.5 - 8.5')			MW-114WT (3.5 - 8.5')				MW-114S1 (10.7 - 15.7')		MW-114S2 (22.5 - 27.5')	
	GSI	7/17/95	6/12/96	9/27/96	3/5/97	6/30/99	5/20/00		7/17/95	6/13/96	3/6/97	6/8/96	3/6/97	5/22/00	5/22/00	7/17/95	6/7/96	7/17/95	6/7/96
Constituents (ug/L)	Value	FS	FS	FS	FS	FS	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
PCBs, Unfiltered																			
Aroclor-1016	0.20 {J,M,T}	1.0 U	0.20 U	0.28	0.20 U	0.10 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U
Aroclor-1221	0.20 {J,M,T}	1.0 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U
Aroclor-1232	0.20 {J,M,T}	2.0 U	0.40 U	0.40 U	0.40 U	0.10 U	0.40 U	0.40 U	0.45 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.41 U	0.40 U
Aroclor-1242	0.20 {J,M,T}	1.0 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U
Aroclor-1248	0.20 {J,M,T}	5.3	0.29	0.20 U	0.20 U	0.58	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U
Aroclor-1254	0.20 {J,M,T}	1.0 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U
Aroclor-1260	0.20 {J,M,T}	1.0 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.41	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U
Aroclor-1262	0.20 {J,M,T}	NA	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.20 {J,M,T}	NA	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.20 {J,M,T}	5.3	0.29	0.28	ND	0.58	ND	ND	ND	ND	ND	ND	0.41	ND	ND	ND	ND	ND	ND
PCBs, Filtered																			
Aroclor-1016	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.21 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.21 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.20 {J,M,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.10 U	0.40 U	0.40 U	0.44 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	NA	0.42 U	0.40 U	0.41 U	0.40 U
Aroclor-1242	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.21 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.17	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.21 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.21 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.21 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.20 {J,M,T}	NA	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.20 {J,M,T}	NA	NA	NA	NA	0.10 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.20 {J,M,T}	ND	ND	ND	ND	0.17	ND	ND	ND	ND	ND	ND	ND	ND	NA	ND	ND	ND	ND

See generic notes pages.

TABLE 4-29

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-114S3 (35.5 - 40.5')		MW-114S4 (47.8 - 52.8')		MW-149WT (7 - 17')		MW-183WT (6 - 16')	X-4AR (6.2 - 9.2')			X-4CAUG (18 - 23')		X-9AR (2 - 12')		
		7/17/95 FS	6/7/96 FS	7/17/95 FS	6/7/96 FS	6/12/96 FS	3/10/97 FS	8/17/00 FS	7/24/95 FS	6/9/96 FS	3/5/97 FS	7/24/95 FS	6/8/96 FS	7/24/95 FS	6/9/96 FS	3/5/97 FS
PCBs, Unfiltered																
Aroclor-1016	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U
Aroclor-1221	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U
Aroclor-1232	0.20 {J,M,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 UJ	0.40 U	0.40 U
Aroclor-1242	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U
Aroclor-1248	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U
Aroclor-1254	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U
Aroclor-1260	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U
Aroclor-1262	0.20 {J,M,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.20 {J,M,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.20 {J,M,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered																
Aroclor-1016	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.20 {J,M,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 UJ	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.20 {J,M,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.20 {J,M,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.20 {J,M,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-29

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	X-9BR (20 - 25')		X-9CAUG (26 - 31')	
		7/24/95 FS	6/8/96 FS	7/24/95 FS	6/8/96 FS
PCBs, Unfiltered					
Aroclor-1016	0.20 {J,M,T}	0.20 UJ	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.20 {J,M,T}	0.20 UJ	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.20 {J,M,T}	0.40 UJ	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.20 {J,M,T}	0.20 UJ	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.20 {J,M,T}	0.20 UJ	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.20 {J,M,T}	0.20 UJ	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.20 {J,M,T}	0.20 UJ	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.20 {J,M,T}	NA	NA	NA	NA
Aroclor-1268	0.20 {J,M,T}	NA	NA	NA	NA
Total Aroclors	0.20 {J,M,T}	ND	ND	ND	ND
PCBs, Filtered					
Aroclor-1016	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.20 {J,M,T}	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.20 {J,M,T}	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.20 {J,M,T}	NA	NA	NA	NA
Aroclor-1268	0.20 {J,M,T}	NA	NA	NA	NA
Total Aroclors	0.20 {J,M,T}	ND	ND	ND	ND

See generic notes pages.

TABLE 4-30

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-4 (2 - 12') 7/29/95 FS	MW-4 (2 - 12') 6/10/96 FS	MW-101WT (13 - 23') 7/28/95 FS	MW-101WT (13 - 23') 6/5/96 FS	MW-102WT (9 - 19') 7/25/95 FS	MW-102S1 (27 - 32') 7/25/95 FS	MW-103WT (8 - 18') 7/12/95 FS	MW-103S1 (32.5 - 37.5') 7/12/95 FS	MW-103S2 (47.5 - 52.5') 7/12/95 FS	MW-104WT (7 - 17') 7/12/95 FS	MW-104S1 (33 - 38') 7/12/95 FS	MW-104S2 (45 - 50') 7/12/95 FS
PCBs, Unfiltered													
Aroclor-1016	0.50 {A,J,T}	0.31 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.31 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.62 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.31 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.31 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.31 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.31 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered													
Aroclor-1016	0.50 {A,J,T}	NA	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	NA	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total Aroclors	0.50 {A,J,T}	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-30

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-105WT (5 - 15') 7/12/95 FS	MW-105S1 (36.5 - 41.5') 7/12/95 FS	MW-105S2 (43 - 48') 7/12/95 FS	MW-106WT (8 - 13') 7/12/95 FS	MW-106S1 (16.5 - 19') 7/12/95 FS	MW-106S2 (23 - 25.5') 7/12/95 FS	MW-121WT (3.5 - 13.5') 7/18/95 FS	MW-121S1 (21.5 - 26.5') 7/18/95 FS	MW-121S2 (34.8 - 39.8') 7/18/95 FS	MW-122WT (2 - 12') 7/18/95 FS	MW-122S1 (18.1 - 23.1') 7/18/95 FS
PCBs, Unfiltered												
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 UJ	0.40 UJ
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered												
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 UJ	0.40 UJ
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-30

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-122S2 (25.8 - 30.8') 7/18/95 FS	MW-123WT (3 - 8') 7/18/95 FS	MW-123S1 (15 - 20') 7/18/95 FS	MW-124WT (2 - 7') 7/19/95 FS	MW-124S1 (11.5 - 16.5') 7/19/95 FS	MW-125WT (2.5 - 12.5') 7/19/95 FS	MW-125WT (2.5 - 12.5') 6/4/96 FS	MW-126WT (3 - 13') 6/6/96 FS	MW-138WT (14 - 24') 7/28/95 FS	MW-138WT (14 - 24') 6/10/96 FS	MW-139WT (13 - 23') 7/30/95 FS	MW-139WT (13 - 23') 6/13/96 FS
PCBs, Unfiltered													
Aroclor-1016	0.50 {A,J,T}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 UJ	0.40 UJ	0.40 UJ	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered													
Aroclor-1016	0.50 {A,J,T}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 UJ	0.40 UJ	0.40 UJ	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-30

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-145WT (7 - 17') 7/28/95 FS	MW-146WT (7 - 17') 7/28/95 FS	X-14A (2.8 - 5.8') 7/18/95 FS	X-14B (21.3 - 24.3') 7/18/95 FS	X-14CAUG (26 - 31') 7/18/95 FS	X-15AR (2 - 12') 7/19/95 FS	X-15BR (35 - 40') 7/19/95 FS	X-17R (2 - 12') 7/26/95 FS	X-17R (2 - 12') 6/4/96 FS	X-17R (2 - 12') 6/4/96 DUP
PCBs, Unfiltered											
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.42 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered											
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.80 U*	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-1R (3 - 13') 7/20/95 FS	B-1BAUG (19.5 - 24.5' 7/20/95 FS	B-1CAUG (32 - 37') 7/20/95 FS	B-1DAUG (44 - 49') 7/20/95 FS	B-2BAUG (20 - 25') 7/29/95 FS	B-3R (16 - 26') 7/26/95 FS	B-3BAUG (22.2 - 27.2' 7/25/95 FS	B-4AR (22 - 27') 7/25/95 FS	B-4AR (22 - 27') 6/12/96 FS	B-4AR (22 - 27') 6/29/99 FS	B-4AR (22 - 27') 5/23/00 FS	B-4BR (31.2 - 36.2') 7/25/95 FS	B-4BR (31.2 - 36.2') 6/5/96 FS
PCBs, Unfiltered														
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 UJ	0.50 U	0.10 U	0.20 U	0.20 UJ	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 UJ	0.50 U	0.10 U	0.20 U	0.20 UJ	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.42 U	0.40 U	0.40 U	0.40 UJ	0.50 U	0.10 U	0.40 U	0.40 UJ	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 UJ	0.50 U	0.10 U	0.20 U	0.20 UJ	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	2.1 J	0.50 U	0.10 U	0.20 U	1.8 J	1.0
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	2.3 J	2.2	0.10 U	0.20 U	0.66 J	0.40 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.40 UJ	1.0 U	0.10 U	0.20 U	0.40 UJ	0.40 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10 U	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10 U	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	4.4	2.2	ND	ND	2.5	1.0
PCBs, Filtered														
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.23 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.23 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.46 U	0.40 U	0.40 U	0.40 U	0.40 U	0.10 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.23 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.23 U	0.20 U	0.20 U	1.5	0.20 U	0.10 U	0.20 U	0.20 U	0.3
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.23 U	0.20 U	0.20 U	1.1	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.23 U	0.20 U	0.20 U	0.40 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10 U	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	0.10 U	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	2.6	ND	ND	ND	ND	0.3

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic	B-4BR (31.2 - 36.2')		B-4CAUG (48.2 - 53.2')				B-4DAUG (64.5 - 69.5')			B-4DAUG (64.5 - 69.5')				B-5R (5 - 15')
		9/2/99	5/22/00	7/25/95	6/4/96	6/29/99	5/23/00	7/25/95		6/4/96	9/2/99		5/22/00		7/12/95
Constituents (ug/L)	IDW Value	FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS	DUP	FS	DUP	FS
PCBs, Unfiltered															
Aroclor-1016	0.50 {A,J,T}	0.10 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.67	0.10 U	0.10 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1221	0.50 {A,J,T}	0.10 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.10 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1232	0.50 {A,J,T}	0.10 U	0.40 U	0.40 U	0.40 U	0.10 U	0.40 U	0.40 U	0.40 U	0.40 U	0.10 U	0.10 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.10 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.10 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.64	0.53	0.85	1.0	0.95	0.20 U	0.64	0.67	0.20 U	1.0	0.86	0.69	0.7	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.26	0.20 U	0.40 U	0.40 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21	0.16	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.10 U	0.20 U	0.40 U	0.40 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	0.10 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	0.10 U	NA	NA	NA	0.10 U	NA	NA	NA	NA	0.10 U	0.10 U	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	0.10 U	NA	NA	NA	0.10 U	NA	NA	NA	NA	0.10 U	0.10 U	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	0.9	0.53	0.85	1.0	0.95	ND	0.64	0.67	0.67	1.2	1.02	0.69	0.7	ND
PCBs, Filtered															
Aroclor-1016	0.50 {A,J,T}	0.11 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	NA	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.11 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	NA	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.11 U	0.40 U	0.40 U	0.40 U	0.10 U	0.40 U	0.40 U	0.40 U	0.40 U	0.10 U	NA	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.11 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	NA	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.11 U	0.23	0.20 U	0.20 U	0.43	0.57	0.20 U	0.20 U	0.20 U	0.10 U	NA	0.20 U	0.34	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.11 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	NA	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.11 U	0.20 U	0.20 U	0.20 U	0.10 U	0.20 U	0.20 U	0.20 U	0.20 U	0.10 U	NA	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	0.11 U	NA	NA	NA	0.10 U	NA	NA	NA	NA	0.10 U	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	0.11 U	NA	NA	NA	0.10 U	NA	NA	NA	NA	0.10 U	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	0.23	ND	ND	0.43	0.57	ND	ND	ND	ND	NA	ND	0.34	ND

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-5BAUG (35 - 40') 7/12/95 FS	B-5BAUG (35 - 40') 7/12/95 DUP	B-5CAUG (42.5 - 47.5' 7/12/95 FS	B-6R (5.5 - 15.5') 7/21/95 FS	B-6BAUG (24.5 - 29.5') 7/21/95 FS	B-6CAUG (32 - 37') 7/21/95 FS	B-6DAUG (44.5 - 49.5') 7/21/95 FS	B-6DAUG (44.5 - 49.5') 7/21/95 DUP	BBL-MW1 (4.2 - 13.7') 6/20/96 FS	BBL-MW2 (4.7 - 14.2') 6/18/96 FS	BBL-MW2 (4.7 - 14.2') 6/18/96 DUP	BBL-MW3 (5.2 - 14.7') 6/18/96 FS	BBL-MW4 (5.2 - 14.7') 6/18/96 FS	BBL-MW5 (5.2 - 14.7') 6/19/96 FS
PCBs, Unfiltered															
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered															
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	NA	NA	NA	NA	NA
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	NA	NA	NA	NA	NA
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	NA	NA	NA	NA	NA	NA
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	NA	NA	NA	NA	NA
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	NA	NA	NA	NA	NA
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	NA	NA	NA	NA	NA
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	NA	NA	NA	NA	NA
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	NA	NA	NA	NA	NA	NA

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-1B (20 - 25') 7/15/95 FS	MW-1CAU (37.5 - 42.5' 7/15/95 FS	MW-2A (4 - 14') 7/27/95 FS	MW-2B (36 - 46') 7/27/95 FS	MW-2CAU (24 - 29') 7/27/95 FS	MW-3A (2.5 - 12.5') 7/27/95 FS	MW-3B (23 - 28') 7/27/95 FS	MW-115WT (2.5 - 7.5') 7/15/95 FS	MW-115S1 (20 - 25') 7/15/95 FS	MW-115S2 (32.5 - 37.5') 7/15/95 FS	MW-115S3 (41.5 - 46.5') 7/15/95 FS	MW-116WT (2 - 7') 7/15/95 FS	MW-116S1 (27 - 32') 7/15/95 FS	MW-116S2 (2 - 12') 7/15/95 FS
PCBs, Unfiltered															
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.80 U*	0.80 U*	0.80 U*	0.80 U*	0.80 U*	0.80 U*	0.80 U*
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered															
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.80 U*	0.80 U*	0.80 U*	0.80 U*	0.80 U*	0.20 U	0.80 U*
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 UJ	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-117WT (3 - 13') 6/20/95 FS	MW-117S1 (24.2 - 29.2' 6/20/95 FS	MW-117S2 (35 - 40') 6/20/95 FS	MW-118WT (1.6 - 11.6') 6/20/95 FS	MW-118S1 (23.5 - 28.5' 6/20/95 FS	MW-118S2 (38.5 - 43.5') 6/20/95 FS	MW-118S2 (38.5 - 43.5') 6/20/95 DUP	MW-119WT (2 - 12') 7/17/95 FS	MW-119WT (2 - 12') 6/10/96 FS	MW-119WT (2 - 12') 6/10/96 DUP	MW-119WT (2 - 12') 5/21/00 FS	MW-119S1 (24 - 29') 7/17/95 FS	MW-119S2 (36.5 - 41.5' 7/17/95 FS	MW-120WT (4 - 14') 7/18/95 FS
PCBs, Unfiltered															
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.41 U	0.40 U	0.40 U	0.40 U	0.41 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	**0.41**	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	**0.41**	ND	ND	ND	ND	ND	ND
PCBs, Filtered															
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.41 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-120S1 (23.8 - 28.8') 7/18/95 FS	MW-120S2 (36 - 41') 7/18/95 FS	MW-120S2 (36 - 41') 7/18/95 DUP	MW-127WT (2 - 12') 7/26/95 FS	MW-127S1 (16.5 - 21.5') 7/26/95 FS	MW-128WT (3 - 13') 7/26/95 FS	MW-128S1 (18.5 - 23.5' 7/26/95 FS	MW-129WT (2 - 12') 7/28/95 FS	MW-129WT (2 - 12') 6/12/96 FS	MW-130WT (3 - 13') 7/20/95 FS	MW-130S1 (26 - 31') 7/20/95 FS	MW-130S2 (36 - 41') 7/20/95 FS	MW-130S3 (46 - 51') 7/20/95 FS
PCBs, Unfiltered														
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 UJ	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered														
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.41 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-131WT (2 - 12') 7/27/95 FS	MW-131S1 (42.5 - 45') 7/27/95 FS	MW-131S2 (49.5 - 52') 7/27/95 FS	MW-131S2 (49.5 - 52') 7/27/95 DUP	MW-132WT (4 - 14') 7/21/95 FS	MW-132WT (4 - 14') 6/6/96 FS	MW-132S1 (22 - 27') 7/21/95 FS	MW-132S1 (22 - 27') 6/7/96 FS	MW-133WT (4 - 14') 7/20/95 FS	MW-133S1 (37 - 42') 7/20/95 FS	MW-133S2 (49 - 54') 7/20/95 FS	MW-133S2 (49 - 54') 7/20/95 DUP	MW-134WT (4 - 9') 7/20/95 FS
PCBs, Unfiltered														
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered														
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-134S1 (34 - 39') 7/20/95 FS	MW-134S2 (46.7 - 51.7') 7/20/95 FS	MW-135WT (5 - 15') 7/21/95 FS	MW-135WT (5 - 15') 6/18/96 FS	MW-135S1 (23.7 - 28.7') 7/21/95 FS	MW-135S2 (32 - 37') 7/21/95 FS	MW-135S3 (42.5 - 47.5') 7/21/95 FS	MW-136WT (13 - 23') 7/20/95 FS	MW-136S1 (37 - 42') 7/20/95 FS	MW-136S2 (44 - 49') 7/20/95 FS	MW-137WT (4 - 14') 7/28/95 FS
PCBs, Unfiltered												
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered												
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	NA	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	NA	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-140WT (11 - 21') 7/20/95 FS	MW-140WT (11 - 21') 6/5/96 FS	MW-140S1 (28.5 - 33.5') 7/20/95 FS	MW-140S2 (45.5 - 50.5') 7/20/95 FS	MW-142WT (3 - 13') 7/30/95 FS	MW-143WT (6 - 16') 7/25/95 FS	MW-144WT (2 - 12') 7/29/95 FS	MW-144WT (2 - 12') 7/29/95 DUP	MW-147WT (5 - 15') 7/30/95 FS (LNAPL)	MW-150WT (3 - 13') 6/13/96 FS	MW-150WT (3 - 13') 6/13/96 DUP	MW-151WT (6 - 16') 10/20/95 FS
PCBs, Unfiltered													
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	400 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	400 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	800 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	400 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	**0.24**	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	610	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	400 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	910	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	**0.24**	ND	ND	ND	ND	ND	ND	1,520	ND	ND	ND
PCBs, Filtered													
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.21 U	0.22 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.21 U	0.22 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.42 U	0.40 U	0.42 U	0.44 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.21 U	0.22 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.21 U	0.22 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.21 U	0.22 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.21 U	0.20 U	0.21 U	0.22 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-152WT (6 - 16') 10/20/95 FS	MW-152WT (6 - 16') 6/5/96 FS	MW-153WT (6 - 16') 10/20/95 FS	MW-154WT (6 - 16') 10/19/95 FS	MW-154WT (6 - 16') 6/13/96 FS	MW-155WT (6 - 16') 10/19/95 FS	MW-156WT (6 - 16') 10/20/95 FS	MW-156WT (6 - 16') 10/20/95 DUP	*MW-170WT (6.2 - 15.7') 8/5/98 FS (LNAPL)*	MW-176WT (7 - 16.5') 9/27/96 FS	MW-176WT (7 - 16.5') 9/27/96 DUP	MW-179WT (5.5 - 15') 9/27/96 FS	MW-180WT (4 - 14') 9/27/96 FS
PCBs, Unfiltered														
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	*100 U*	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	*100 U*	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	*100 U*	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	***460***	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	*100 U*	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	*100 U*	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	***160***	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	*NA*	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	*NA*	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	***620***	ND	ND	ND	ND
PCBs, Filtered														
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	*NA*	0.20 U	NA	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	*NA*	0.20 U	NA	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	*NA*	0.40 U	NA	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	*NA*	0.20 U	NA	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	*NA*	0.20 U	NA	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	*NA*	0.20 U	NA	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	*NA*	0.20 U	NA	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	*NA*	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	*NA*	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	*NA*	ND	NA	ND	ND

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-181WT (3 - 13')			*MW-182WT (3.9 - 13.9')*	MW-184WT (3 - 13')		*TWW-1*		*TWW-2*		UST-MWS1 (27 - 32')		UST-MWS2 (40.1 - 45.1')	UST7-1 (5 - 10')
		9/26/96	*8/5/98*		*8/5/98*	8/17/00	8/17/00	*1/25/97*	*8/8/98*	*1/23/97*		7/27/95	6/10/96	7/26/95	6/19/96
		FS	*FS*	*DUP*	*FS*	FS	DUP	*FS*	*FS*	*FS*	*DUP*	FS	FS	FS	FS
PCBs, Unfiltered															
Aroclor-1016	0.50 {A,J,T}	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 UJ	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	0.80 U*	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	*0.40 U*	*0.40 U*	*0.40 U*	0.40 U	0.40 U	*0.40 U*	*0.40 U*	*0.40 U*	*0.40 U*	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	*0.20 UJ*	*0.20 U*	*0.20 UJ*	0.20 U	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	*NA*	*NA*	*NA*	NA	NA	*NA*	*NA*	*NA*	*NA*	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	*NA*	*NA*	*NA*	NA	NA	*NA*	*NA*	*NA*	*NA*	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	*ND*	*ND*	*ND*	ND	ND	*ND*	*ND*	*ND*	*ND*	ND	ND	ND	ND
PCBs, Filtered															
Aroclor-1016	0.50 {A,J,T}	0.20 U	*NA*	*NA*	*NA*	0.20 U	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	0.20 U	NA
Aroclor-1221	0.50 {A,J,T}	0.20 U	*NA*	*NA*	*NA*	0.20 U	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	0.80 U*	NA
Aroclor-1232	0.50 {A,J,T}	0.40 U	*NA*	*NA*	*NA*	0.40 U	0.40 U	*0.40 U*	*0.40 U*	*0.40 U*	*0.40 U*	0.40 U	0.40 U	0.40 U	NA
Aroclor-1242	0.50 {A,J,T}	0.20 U	*NA*	*NA*	*NA*	0.20 U	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	0.20 U	NA
Aroclor-1248	0.50 {A,J,T}	0.20 U	*NA*	*NA*	*NA*	0.20 U	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	0.20 U	NA
Aroclor-1254	0.50 {A,J,T}	0.20 U	*NA*	*NA*	*NA*	0.20 U	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	0.20 U	NA
Aroclor-1260	0.50 {A,J,T}	0.20 U	*NA*	*NA*	*NA*	0.20 U	0.20 U	*0.20 U*	*0.20 U*	*0.20 U*	*0.20 U*	0.20 U	0.20 U	0.20 U	NA
Aroclor-1262	0.50 {A,J,T}	NA	*NA*	*NA*	*NA*	NA	NA	*NA*	*NA*	*NA*	*NA*	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	*NA*	*NA*	*NA*	NA	NA	*NA*	*NA*	*NA*	*NA*	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	*NA*	*NA*	*NA*	ND	ND	*ND*	*ND*	*ND*	*ND*	ND	ND	ND	NA

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	UST7-2 (5.3 - 10.3') 6/19/96 FS	UST7-4 (7 - 12') 6/19/96 FS	UST7-5 (7 - 12') 6/19/96 FS	UST7-6 6/19/96 FS	X-1A (9.7 - 12.7') 7/29/95 FS	X-1A (9.7 - 12.7') 6/10/96 FS	X-1A (9.7 - 12.7') 5/23/00 FS	X-1B (20.7 - 23.7') 7/29/95 FS	X-1B (20.7 - 23.7') 6/10/96 FS	X-1B (20.7 - 23.7') 5/24/00 FS	X-1CR (2 - 12') 6/10/96 FS	X-1CR2 (43.7 - 48.7') 7/29/95 FS	X-1CR2 (43.7 - 48.7') 6/11/96 FS	X-2A (8.6 - 11.6') 7/15/95 FS
PCBs, Unfiltered															
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 UJ
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.80 UJ*
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.80 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 UJ
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 UJ	**1.9**	0.20 U	**0.13 J**	**0.57**	**0.21**	**0.097 J**	**0.4**	0.20 U	0.20 U	0.20 UJ
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	**1.1**	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.40 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	**3**	ND	**0.13**	**0.57**	**0.21**	**0.097**	**0.4**	ND	ND	ND
PCBs, Filtered															
Aroclor-1016	0.50 {A,J,T}	NA	NA	NA	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	NA	NA	NA	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.80 U*
Aroclor-1232	0.50 {A,J,T}	NA	NA	NA	NA	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	NA	NA	NA	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	NA	NA	NA	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	NA	NA	NA	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	NA	NA	NA	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	NA	NA	NA	NA	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-2B (22.1 - 25.1') 7/15/95 FS	X-2C (43.1 - 46.1') 7/15/95 FS	X-2DAUG (32 - 37') 7/15/95 FS	X-3AR (7.6 - 17.6') 6/20/95 FS	X-3BR (31 - 36') 6/20/95 FS	X-3CAUG (46.5 - 51.5') 6/20/95 FS	X-5A (8.9 - 11.9') 6/21/95 FS	X-5B (15.4 - 18.4') 6/21/95 FS	X-5CR (40 - 45') 6/21/95 FS	X-6A 9/26/95 FS	X-6B 9/26/95 FS	X-7A (15.6 - 18.6') 6/20/95 FS	X-7BR (22 - 27') 6/20/95 FS
PCBs, Unfiltered														
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.0 UJ	1.0 UJ	0.20 UJ	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.80 U*	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.0 UJ	1.0 UJ	0.20 UJ	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	2.0 UJ	2.0 UJ	0.40 UJ	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	3.8 J	8.2 J	0.20 UJ	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.0 UJ	1.0 UJ	0.20 UJ	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.0 UJ	1.0 UJ	0.20 UJ	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	1.0 UJ	1.0 UJ	0.20 UJ	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	3.8	8.2	ND	ND
PCBs, Filtered														
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.80 U*	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-7CAUG (34 - 39') 6/21/95 FS	X-7DAUG (46 - 51') 6/20/95 FS	X-10A (7.7 - 10.7') 6/13/96 FS	X-10BR (26.3 - 31.3') 7/24/95 FS	X-10CR (36.6 - 41.6') 7/24/95 FS	X-10DAUG (22 - 27') 7/24/95 FS	X-11AR (2 - 12') 7/26/95 FS	X-12AR (2 - 7') 7/26/95 FS	X-12B (41.7 - 44.7') 7/26/95 FS	X-12CAUG (17.5 - 20') 7/26/95 FS	X-13AR (2 - 12') 7/18/95 FS	X-13B (19.9 - 22.9') 7/18/95 FS
PCBs, Unfiltered													
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 UJ	0.40 UJ	0.40 UJ	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered													
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 UJ	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-31

PCB ANALYTICAL DATA FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-13CAUG (36.2 - 41.2') 7/18/95 FS	X-16A (5.8 - 8.8') 7/27/95 FS	X-16B (20.4 - 23.4') 7/28/95 FS	X-19AR (2 - 12') 7/28/95 FS	X-20 (4.7 - 7.7') 7/25/95 FS
PCBs, Unfiltered						
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND
PCBs, Filtered						
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	NA	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	NA	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	NA	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	NA	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	NA	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	NA	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	NA	0.20 U	0.20 U
Aroclor-1262	0.50 {A,J,T}	NA	NA	NA	NA	NA
Aroclor-1268	0.50 {A,J,T}	NA	NA	NA	NA	NA
Total Aroclors	0.50 {A,J,T}	ND	ND	NA	ND	ND

See generic notes pages.

TABLE 4-32

APPENDIX IX PESTICIDE/HERBICIDE ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	B-7R (5 - 15') 7/17/95 FS	MW-6A (6 - 16') 7/13/95 FS
2,4,5-T		1.0 U	1.0 U
2,4,5-TP(Silvex)	NA	1.0 U	1.0 U
2,4-D	220	4.0 U	4.0 U
4,4'-DDD	NA	0.020 U	0.020 UJ
4,4'-DDE	NA	0.020 UJ	0.020 U
4,4'-DDT	0.020 {M}	0.020 U	0.020 UJ
Aldrin	NA	0.010 U	0.010 U
alpha-BHC	NA	0.010 U	0.010 UJ
alpha-Chlordane	IP {J}	0.020 U	0.050 UJ
beta-BHC	NA	0.010 UJ	0.010 UJ
delta-BHC		0.010 U	0.010 UJ
Dieldrin	0.020 {M}	0.020 U	0.020 UJ
Dimethoate		1.0 U	1.0 U
Dinoseb	NA	0.60 UJ	0.60 UJ
Disulfoton		1.0 U	1.0 UJ
Endosulfan I	NA {J}	0.010 U	0.010 UJ
Endosulfan II	NA {J}	0.020 U	0.020 UJ
Endosulfan sulfate		0.020 U	0.020 UJ
Endrin aldehyde		0.020 UJ	0.020 U
Endrin	IP	0.020 U	0.020 UJ
Famphur		1.0 U	1.0 U
gamma-BHC (Lindane)	0.027	0.010 U	0.010 UJ
gamma-Chlordane	IP {J}	0.020 U	0.050 UJ
Heptachlor epoxide	NA	0.010 U	0.010 UJ
Heptachlor	NA	0.010 U	0.010 UJ
Isodrin		0.10 UJ	0.10 UJ
Kepone		1.0 UJ	1.0 UJ
Methoxychlor	NA	0.10 U	0.10 U
Methyl parathion	NA	1.0 U	1.0 U
O,O,O-Triethylphosphorothioate		1.0 U	1.0 U
Phorate		1.0 U	1.0 U
Thionazin (Zinophos)		1.0 U	1.0 U
Toxaphene	1.0 {M}	1.0 U	1.0 U

See generic notes pages.

TABLE 4-33

APPENDIX IX PESTICIDE/HERBICIDE ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-126WT (3 - 13') 7/30/95 FS
2,4,5-T		1.0 UJ
2,4,5-TP(Silvex)	50 {A}	1.0 UJ
2,4-D	70 {A}	4.0 UJ
4,4'-DDD	9.1	0.020 U
4,4'-DDE	4.3	0.020 U
4,4'-DDT	3.6	0.020 UJ
Aldrin	0.098	0.010 U
alpha-BHC	0.43	0.010 U
alpha-Chlordane	2.0 {A,J}	0.020 U
beta-BHC	0.88	0.010 U
delta-BHC		0.010 U
Dieldrin	0.11	0.020 U
Dimethoate		1.0 U
Dinoseb	7.0 {A}	0.60 UJ
Disulfoton		1.0 U
Endosulfan I	1.7 {J}	0.010 U
Endosulfan II	1.7 {J}	0.020 U
Endosulfan sulfate		0.020 U
Endrin aldehyde		0.020 U
Endrin	2.0 {A}	0.020 UJ
Famphur		1.0 U
gamma-BHC (Lindane)	0.20 {A}	0.010 U
gamma-Chlordane	2.0 {A,J}	0.020 U
Heptachlor epoxide	0.20 {A}	0.010 U
Heptachlor	0.40 {A}	0.010 UJ
Isodrin		0.10 UJ
Kepone		1.0 UJ
Methoxychlor	40 {A}	0.10 UJ
Methyl parathion	1.8	1.0 U
O,O,O-Triethylphosphorothioate		1.0 U
Phorate		1.0 U
Thionazin (Zinophos)		1.0 U
Toxaphene	3.0 {A}	1.0 U

See generic notes pages.

TABLE 4-34

PESTICIDE/HERBICIDE ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-128S1 (18.5 - 23.5') 7/26/95 FS	X-12AR (2 - 7') 7/26/95 FS
2,4,5-T		1.0 UJ	1.0 UJ
2,4,5-TP(Silvex)	50 {A}	1.0 UJ	1.0 UJ
2,4-D	70 {A}	4.0 U	4.0 UJ
4,4'-DDD	37	0.020 U	0.020 U
4,4'-DDE	15	0.020 U	0.020 U
4,4'-DDT	10	0.020 U	0.020 U
Aldrin	0.4	0.010 U	0.010 U
alpha-BHC	1.7	0.010 U	0.010 U
alpha-Chlordane	2.0 {A,J}	0.010 U	0.010 U
beta-BHC	3.6	0.010 U	0.010 U
delta-BHC		0.010 U	0.010 U
Dieldrin	0.43	0.020 U	0.020 U
Dinoseb	7.0 {A}	1.0 U*	0.60 UJ
Endosulfan I	4.8 {J}	0.010 U	0.010 U
Endosulfan II	4.8 {J}	0.020 U	0.020 U
Endosulfan sulfate		0.020 U	0.020 U
Endrin aldehyde		0.020 U	0.020 U
Endrin ketone		0.020 U	0.020 U
Endrin	2.0 {A}	0.020 U	0.020 U
gamma-BHC (Lindane)	0.20 {A}	0.010 U	0.010 U
gamma-Chlordane	2.0 {A,J}	0.010 U	0.010 U
Heptachlor epoxide	0.20 {A}	0.010 U	0.010 U
Heptachlor	0.40 {A}	0.010 U	0.010 U
Methoxychlor	40 {A}	0.50 UJ	0.50 UJ
Toxaphene	3.0 {A}	1.0 U	1.0 U

See generic notes pages.

TABLE 4-35

APPENDIX IX PESTICIDE/HERBICIDE ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-2R (3 - 13') 7/29/95 FS	B-5R (5 - 15') 7/12/95 FS	MW-1A (5 - 15') 7/17/95 FS	MW-1A (5 - 15') 7/17/95 DUP	MW-141WT (4 - 14') 7/28/95 FS	MW-148WT (5 - 15') 7/30/95 FS	X-1CR (2 - 12') 7/29/95 FS	X-3AR (7.6 - 17.6') 7/31/95 FS	X-5A (8.9 - 11.9') 7/19/95 FS	X-5B (15.4 - 18.4') 7/19/95 FS
2,4,5-T		1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	2.0 UJ*
2,4,5-TP(Silvex)	50 {A}	1.0 UJ	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
2,4-D	70 {A}	4.0 UJ	4.0 U	4.0 U	4.0 U	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ	4.0 UJ	6.0 UJ*
4,4'-DDD	37	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 UJ	0.020 UJ
4,4'-DDE	15	0.020 U	0.020 U	0.020 UJ	0.020 UJ	0.020 U	0.020 U	0.020 U	0.020 U	0.020 UJ	0.020 UJ
4,4'-DDT	10	0.020 UJ	0.020 UJ	0.020 U	0.020 U	0.020 U	0.020 UJ	0.020 U	0.020 UJ	0.020 UJ	0.020 UJ
Aldrin	0.4	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
alpha-BHC	1.7	0.010 U	0.010 UJ	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
alpha-Chlordane	2.0 {A,J}	0.020 U	0.050 UJ	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
beta-BHC	3.6	0.010 U	0.010 UJ	0.010 UJ	0.010 UJ	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
delta-BHC		0.010 U	0.010 UJ	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Dieldrin	0.43	0.020 U	0.020 UJ	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Dimethoate		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dinoseb	7.0 {A}	0.60 UJ	0.60 UJ	0.60 UJ	0.60 UJ	0.60 UJ	0.60 UJ	0.60 UJ	0.60 UJ	1.0 UJ*	2.0 UJ*
Disulfoton		1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Endosulfan I	4.8 {J}	0.010 U	0.010 UJ	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Endosulfan II	4.8 {J}	0.020 U	0.020 UJ	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Endosulfan sulfate		0.020 U	0.020 UJ	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U
Endrin aldehyde		0.020 U	0.020 U	0.020 UJ	0.020 UJ	0.020 U	0.020 U	0.020 U	0.020 U	0.020 UJ	0.020 UJ
Endrin	2.0 {A}	0.020 UJ	0.020 UJ	0.020 U	0.020 U	0.020 U	0.020 UJ	0.020 U	0.020 UJ	0.020 U	0.020 U
Famphur		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
gamma-BHC (Lindane)	0.20 {A}	0.010 U	0.010 UJ	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
gamma-Chlordane	2.0 {A,J}	0.020 U	0.050 UJ	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 U	0.020 UJ	0.020 UJ
Heptachlor epoxide	0.20 {A}	0.010 U	0.010 UJ	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U	0.010 U
Heptachlor	0.40 {A}	0.010 UJ	0.010 UJ	0.010 U	0.010 U	0.010 U	0.010 UJ	0.010 U	0.010 UJ	0.010 U	0.010 U
Isodrin		0.10 UJ	0.10 UJ	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ	0.10 U	0.10 UJ	0.10 U	0.10 U
Kepone		1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 UJ	1.0 U	1.0 U
Methoxychlor	40 {A}	0.10 UJ	0.10 U	0.10 U	0.10 U	0.10 UJ	0.10 UJ	0.10 U	0.10 UJ	0.10 UJ	0.10 UJ
Methyl parathion	5.2	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
O,O,O-Triethylphosphorothioate		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Phorate		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Thionazin (Zinophos)		1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toxaphene	3.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ

See generic notes pages.

TABLE 4-36

APPENDIX IX DIOXIN/FURAN ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	B-7R (5 - 15') 7/17/95 FS	MW-6A (6 - 16') 7/13/95 FS
2,3,7,8-TCDD	0.000010 {M,O}	0.0000033 U	0.0014 U
HxCDDs, Total	0.000010 {M,O}	0.0000050 U	0.0014 U
HxCDFs, Total	0.000010 {M,O}	0.0000039 U	0.00060 U
PeCDDs, Total	0.000010 {M,O}	0.000011 U	0.00084 U
PeCDFs, Total	0.000010 {M,O}	0.0000057 U	0.0014 U
TCDDs, Total	0.000010 {M,O}	0.0000033 U	0.0014 U
TCDFs, Total	0.000010 {M,O}	**0.0000091**	0.0011 U
2,3,7,8-TCDD TEQ	0.000010 {M,O}	**0.000001**	ND

See generic notes pages.

TABLE 4-37

APPENDIX IX DIOXIN/FURAN ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-126WT (3 - 13') 7/30/95 FS
2,3,7,8-TCDD	0.000030 {A,O}	0.0044 U
HxCDDs, Total	0.000030 {A,O}	0.012 U
HxCDFs, Total	0.000030 {A,O}	0.0069 U
PeCDDs, Total	0.000030 {A,O}	0.015 U
PeCDFs, Total	0.000030 {A,O}	0.0082 U
TCDDs, Total	0.000030 {A,O}	0.0044 U
TCDFs, Total	0.000030 {A,O}	0.0046 U
2,3,7,8-TCDD TEQ	0.000030 {A,O}	ND

See generic notes pages

TABLE 4-38

DIOXIN/FURAN ANALYTICAL RESULTS FOR GROUNDWATER AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-128S1 (18.5 - 23.5') 7/26/95 FS	X-12AR (2 - 7') 7/26/95 FS
2,3,7,8-TCDD	0.000030 {A,O}	0.0000028 U	0.0000013 U
HxCDDs, Total	0.000030 {A,O}	0.0000048 U	0.0000044 U
HxCDFs, Total	0.000030 {A,O}	0.0000022 U	0.0000018 U
PeCDDs, Total	0.000030 {A,O}	0.000012 U	0.000010 U
PeCDFs, Total	0.000030 {A,O}	0.0000062 U	0.0000044 U
TCDDs, Total	0.000030 {A,O}	0.0000028 U	0.0000022 U
TCDFs, Total	0.000030 {A,O}	0.0000013 U	0.0000011 U
2,3,7,8-TCDD TEQ	0.000030 {A,O}	ND	ND

See generic notes pages.

TABLE 4-39

APPENDIX IX DIOXIN/FURAN ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic Industrial Value	B-2R (3 - 13') 7/29/95 FS	B-2R (3 - 13') 6/11/96 FS	B-5R (5 - 15') 7/12/95 FS	MW-1A (5 - 15') 7/17/95 FS	MW-1A (5 - 15') 7/17/95 DUP	MW-141WT (4 - 14') 7/28/95 FS	MW-148WT (5 - 15') 7/30/95 FS	MW-154WT (6 - 16') 6/13/96 FS	X-1CR (2 - 12') 7/29/95 FS	X-3AR (7.6 - 17.6') 7/31/95 FS	X-5A (8.9 - 11.9') 7/19/95 FS	X-5B (15.4 - 18.4') 7/19/95 FS
1,2,3,4,6,7,8-HpCDD	0.000030 {A,O}	NA	0.0000027 U	NA	NA	NA	NA	NA	0.0000032 U	NA	NA	NA	NA
1,2,3,4,6,7,8-HpCDF	0.000030 {A,O}	NA	0.0000008 U	NA	NA	NA	NA	NA	0.0000100 U	NA	NA	NA	NA
1,2,3,4,7,8,9-HpCDF	0.000030 {A,O}	NA	0.0000011 U	NA	NA	NA	NA	NA	0.0000014 U	NA	NA	NA	NA
1,2,3,4,7,8-HxCDD	0.000030 {A,O}	NA	0.0000019 U	NA	NA	NA	NA	NA	0.0000028 U	NA	NA	NA	NA
1,2,3,4,7,8-HxCDF	0.000030 {A,O}	NA	0.0000008 U	NA	NA	NA	NA	NA	0.0000018 U	NA	NA	NA	NA
1,2,3,6,7,8-HxCDD	0.000030 {A,O}	NA	0.0000016 U	NA	NA	NA	NA	NA	0.0000023 U	NA	NA	NA	NA
1,2,3,6,7,8-HxCDF	0.000030 {A,O}	NA	0.0000006 U	NA	NA	NA	NA	NA	0.0000005 U	NA	NA	NA	NA
1,2,3,7,8,9-HxCDD	0.000030 {A,O}	NA	0.0000019 U	NA	NA	NA	NA	NA	0.0000027 U	NA	NA	NA	NA
1,2,3,7,8,9-HxCDF	0.000030 {A,O}	NA	0.0000008 U	NA	NA	NA	NA	NA	0.0000007 U	NA	NA	NA	NA
1,2,3,7,8-PeCDD	0.000030 {A,O}	NA	0.0000010 U	NA	NA	NA	NA	NA	0.0000010 U	NA	NA	NA	NA
1,2,3,7,8-PeCDF	0.000030 {A,O}	NA	0.0000014 U	NA	NA	NA	NA	NA	0.0000019 U	NA	NA	NA	NA
2,3,4,6,7,8-HxCDF	0.000030 {A,O}	NA	0.0000026 U	NA	NA	NA	NA	NA	0.0000026 U	NA	NA	NA	NA
2,3,4,7,8-PeCDF	0.000030 {A,O}	NA	0.0000012 U	NA	NA	NA	NA	NA	0.0000016 U	NA	NA	NA	NA
2,3,7,8-TCDD	0.000030 {A,O}	0.0000033 U	0.0000019 U	0.0022 U	0.0000017 U	0.0000026 U	0.0046 U	0.012 U	0.0000014 U	0.0000022 U	0.0000043 U	0.0000007 U	0.0000009 U
HpCDDs, Total	0.000030 {A,O}	NA	0.0000027 U	NA	NA	NA	NA	NA	0.0000032 U	NA	NA	NA	NA
HpCDFs, Total	0.000030 {A,O}	NA	0.0000011 U	NA	NA	NA	NA	NA	0.0000100 U	NA	NA	NA	NA
HxCDDs, Total	0.000030 {A,O}	0.000022 U	0.0000019 U	0.0089 U	0.0000027 U	**0.000031**	0.0057 U	**0.28**	0.0000028 U	0.0000049 U	0.0000094 U	0.0000016 U	0.0000019 U
HxCDFs, Total	0.000030 {A,O}	0.000012 U	0.0000026 U	0.0022 U	0.0000037 U	0.0000037 U	0.0030 U	**1.2**	0.0000032 U	0.0000035 U	0.0000069 U	0.0000009 U	0.0000004 U
OCDDs, Total	0.000030 {A,O}	NA	0.000012 U	NA	NA	NA	NA	NA	0.000022 U	NA	NA	NA	NA
OCDFs, Total	0.000030 {A,O}	NA	0.0000057 U	NA	NA	NA	NA	NA	0.0000072 U	NA	NA	NA	NA
PeCDDs, Total	0.000030 {A,O}	0.0000096 U	0.0000010 U	0.0016 U	0.000012 U	0.000017 U	0.028 U	0.021 U	0.0000010 U	0.0000092 U	0.000015 U	0.0000007 U	0.0000009 U
PeCDFs, Total	0.000030 {A,O}	0.000060 U	0.0000014 U	0.0022 U	0.0000035 U	0.0000045 U	0.011 U	**0.35 J**	0.0000021 U	0.0000050 U	0.0000088 U	0.0000014 U	0.0000015 U
TCDDs, Total	0.000030 {A,O}	0.0000025 U	0.0000019 U	0.0030 U	0.0000017 U	0.0000046 U	0.0046 U	**0.012**	0.0000014 U	0.0000022 U	0.0000043 U	0.0000015 U	0.0000016 U
TCDFs, Total	0.000030 {A,O}	**0.00006**	0.0000012 U	0.0029 U	0.0000045 U	0.0000035 U	0.0036 U	**0.29**	0.0000034 U	0.0000027 U	0.0000060 U	0.0000006 U	0.0000005 U
2,3,7,8-TCDD TEQ	0.000030 {A,O}	**0.0000043**	NA	NA	NA	**0.0000009**	NA	**0.000056**	NA	NA	NA	NA	NA

See generic notes pages.

TABLE 4-40

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	B-7R (5 - 15') 6/13/96 FS	B-7R (5 - 15') 6/13/96 DUP	B-7R (5 - 15') 6/29/99 FS	B-7R (5 - 15') 9/2/99 FS	B-7BAUG (37.5 - 42.5') 7/17/95 FS	B-7BAUG (37.5 - 42.5') 6/11/96 FS
Inorganics, Filtered							
Aluminum	NA {B}	100 U	100 U	100 UJ	100 U	**354**	100 U
Antimony	ID	5.0 U	5.0 U	2.0 U	**2.6**	5.0 U	5.0 U
Arsenic	150 {B,X}	**5.7**	**5.3**	**5.7**	**4.8**	1.0 U	5.0 U
Barium	1,200 {G,X}	200 U	200 U	**81**	**73**	200 U	200 U
Beryllium	26 {G}	5.0 U	5.0 U	3.0 UM	**1.6**	5.0 U	5.0 U
Cadmium	4.5 {B,G,X}	0.50 U	0.50 U	**0.97**	0.20 U	0.20 U	0.50 U
Calcium		**64,300**	**58,100**	**76,000**	**77,000 J**	**69,700**	**68,400**
Chromium	160 {B,G,H,X}	50 U	50 U	2.0 U	2.0 U	50 U	50 U
Cobalt	100	50 U	50 U	20 U	20 U	50 U	50 U
Copper	26 {G}*	25 U	25 U	20 U	7.0 U	25 U	25 U
Cyanide, Total	20 {M,R}	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U
Iron	NA {B}	**186 J**	**202 J**	R	**530**	**786 J**	**487**
Lead	28 {G,X}	3.0 U	3.0 U	**1.2**	**22**	3.0 U	3.0 U
Magnesium	NA {B}	**10,300**	**9,340**	**12,000**	**12,000 J**	**28,000**	**26,400**
Manganese	2,100 {B,G,X}*	**267**	**234**	**280**	**320**	**332**	**314**
Mercury	0.0013 {Z}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	120 {B,G}	50 U	50 U	5.0 U	50 U	50 U	50 U
Potassium		5,000 U	5,000 U	**3,700 J**	**5,000**	5,000 U	5,000 U
Selenium	5.0 {B}	5.0 U	5.0 U	2.0 U	2.0 U	5.0 U	5.0 U
Silver	0.20 {B,M}	0.50 U	0.50 UJ	0.50 UJ	0.50 UJ	0.50 U	0.50 UJ
Sodium	NA	**30,200**	**26,900**	**83,000 J**	**72,000 J**	**309,000**	**293,000**
Thallium	3.7 {B,X}	2.0 UJ	2.0 UJ	1.0 U	2.0 U	2,0 U	4.0 UJ
Vanadium	12	20 U	20 U	10 U	10 UJ	20 U	20 U
Zinc	20,000 {B,G}*	44 U	20 U	20 U	**13**	20 U	20 U
Inorganics, Unfiltered							
Aluminum	NA {B}	**247**	**312**	NA	NA	NA	NA
Antimony	ID	5.0 U	5.0 U	NA	NA	NA	NA
Arsenic	150 {B,X}	**12**	**8.3**	NA	NA	NA	NA
Barium	1,200 {G,X}	200 U	200 U	NA	NA	NA	NA
Beryllium	26 {G}	5.0 U	5.0 U	NA	NA	NA	NA
Cadmium	4.5 {B,G,X}	0.50 U	0.50 U	NA	NA	NA	NA
Calcium		**65,300**	**64,700**	NA	NA	NA	NA
Chromium	160 {B,G,H,X}	50 U	50 U	NA	NA	NA	NA
Cobalt	100	50 U	50 U	NA	NA	NA	NA
Copper	26 {G}*	25 U	25 U	NA	NA	NA	NA
Cyanide, Total	20 {M,R}	5.0 U	5.0 U	NA	NA	5.0 U	NA
Iron	NA {B}	**1,700 J**	**718 J**	NA	NA	NA	NA
Lead	28 {G,X}	3.0 U	3.0 U	NA	NA	NA	NA
Magnesium	NA {B}	**11,000**	**10,800**	NA	NA	NA	NA
Manganese	2,100 {B,G,X}*	**512**	**397**	NA	NA	NA	NA
Mercury	0.0013 {Z}	0.20 U	0.20 U	NA	NA	NA	NA
Nickel	120 {B,G}	50 U	50 U	NA	NA	NA	NA
Potassium		5,000 U	5,000 U	NA	NA	NA	NA
Selenium	5.0 {B}	5.0 U	5.0 U	NA	NA	NA	NA
Silver	0.20 {B,M}	0.50 U	0.50 UJ	NA	NA	NA	NA
Sodium	NA	**28,600**	**29,600**	NA	NA	NA	NA
Thallium	3.7 {B,X}	2.0 UJ	2.0 UJ	NA	NA	NA	NA
Vanadium	12	20 U	20 U	NA	NA	NA	NA
Zinc	20,000 {B,G}*	35 U	20 U	NA	NA	NA	NA

See generic notes pages.

TABLE 4-40

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	B-7CAUG (44.3 - 49.3')				MW-5A (5 - 15')		MW-5B (25 - 30')	
		7/17/95	6/11/96	5/20/00		7/13/95	6/8/96	7/13/95	6/8/96
		FS	FS	FS	DUP	FS	FS	FS	FS
Inorganics, Filtered									
Aluminum	NA {B}	**279**	**332**	NA	NA	100 U	100 U	100 U	100 U
Antimony	ID	5.0 U	5.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	150 {B,X}	1.0 UJ	5.0 U	NA	NA	1.0 U	5.0 U	1.0 UJ	5.0 U
Barium	1,200 {G,X}	200 U	200 U	NA	NA	200 U	200 U	200 U	200 U
Beryllium	26 {G}	5.0 U	5.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	4.5 {B,G,X}	0.20 U	0.50 U	NA	NA	0.20 U	0.50 UJ	0.20 U	0.50 UJ
Calcium		**229,000**	**103,000**	NA	NA	**111,000**	**84,700**	**64,400**	**66,300**
Chromium	160 {B,G,H,X}	50 U	50 U	NA	NA	50 U	50 U	50 U	50 U
Cobalt	100	50 U	50 U	NA	NA	50 U	50 U	50 U	50 U
Copper	26 {G}*	25 U	25 U	NA	NA	25 U	25 U	25 U	25 U
Cyanide, Total	20 {M,R}	NA	5.0 U	5.0 U	5.0 U	NA	5.0 UJ	NA	5.0 UJ
Iron	NA {B}	**628 J**	100 U	NA	NA	**2,110**	**921**	**2,410**	**1,940**
Lead	28 {G,X}	3.0 U	3.0 U	NA	NA	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	NA {B}	5,000 U	**11,300**	NA	NA	**20,100**	**14,300**	**25,300**	**24,700**
Manganese	2,100 {B,G,X}*	20 U	20 U	NA	NA	**1,800**	**1,020**	**272**	**259**
Mercury	0.0013 {Z}	0.20 U	0.20 U	NA	NA	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	120 {B,G}	50 U	50 U	NA	NA	50 U	50 U	50 U	50 U
Potassium		**17,700**	**8,230**	NA	NA	**6,800**	**7,480**	5,000 U	5,000 U
Selenium	5.0 {B}	5.0 U	5.0 U	NA	NA	5.0 U	5.0 U	5.0 U	5.0 U
Silver	0.20 {B,M}	0.50 U	0.50 UJ	NA	NA	0.50 U	0.50 U	0.50 U	0.50 U
Sodium	NA	**416,000**	**351,000**	NA	NA	**45,500**	**51,800**	**404,000**	**373,000**
Thallium	3.7 {B,X}	2.0 UJ	4.0 UJ	NA	NA	2.0 UJ	4.0 UJ	2.0 UJ	10 UJ
Vanadium	12	20 U	20 U	NA	NA	20 U	20 U	20 U	20 U
Zinc	20,000 {B,G}*	20 U	20 U	NA	NA	20 U	20 UJ	20 U	20 UJ
Inorganics, Unfiltered									
Aluminum	NA {B}	NA	NA	NA	NA	100 U	100 U	NA	NA
Antimony	ID	NA	NA	NA	NA	5.0 U	5.0 U	NA	NA
Arsenic	150 {B,X}	NA	NA	NA	NA	3.0 UJ	5.0 U	NA	NA
Barium	1,200 {G,X}	NA	NA	NA	NA	200 U	200 U	NA	NA
Beryllium	26 {G}	NA	NA	NA	NA	5.0 U	5.0 U	NA	NA
Cadmium	4.5 {B,G,X}	NA	NA	NA	NA	0.20 U	0.50 UJ	NA	NA
Calcium		NA	NA	NA	NA	**118,000**	**84,500**	NA	NA
Chromium	160 {B,G,H,X}	NA	NA	NA	NA	50 UJ	50 U	NA	NA
Cobalt	100	NA	NA	NA	NA	50 U	50 U	NA	NA
Copper	26 {G}*	NA	NA	NA	NA	25 U	25 U	NA	NA
Cyanide, Total	20 {M,R}	**38**	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA
Iron	NA {B}	NA	NA	NA	NA	**5,520**	R	NA	NA
Lead	28 {G,X}	NA	NA	NA	NA	3.0 U	3.0 U	NA	NA
Magnesium	NA {B}	NA	NA	NA	NA	**21,300**	**14,300**	NA	NA
Manganese	2,100 {B,G,X}*	NA	NA	NA	NA	**1,880**	**1,040**	NA	NA
Mercury	0.0013 {Z}	NA	NA	NA	NA	0.20 U	0.20 U	NA	NA
Nickel	120 {B,G}	NA	NA	NA	NA	50 U	50 U	NA	NA
Potassium		NA	NA	NA	NA	**7,250**	**7,300**	NA	NA
Selenium	5.0 {B}	NA	NA	NA	NA	5.0 U	5.0 U	NA	NA
Silver	0.20 {B,M}	NA	NA	NA	NA	0.50 U	0.50 U	NA	NA
Sodium	NA	NA	NA	NA	NA	**47,800**	**50,700**	NA	NA
Thallium	3.7 {B,X}	NA	NA	NA	NA	2.0 UJ	4.0 UJ	NA	NA
Vanadium	12	NA	NA	NA	NA	20 U	20 U	NA	NA
Zinc	20,000 {B,G}*	NA	NA	NA	NA	20 U	20 UJ	NA	NA

See generic notes pages.

TABLE 4-40

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-6A (6 - 16') 6/9/96 FS	MW-6B (27.5 - 32.5') 7/13/95 FS	MW-6B (27.5 - 32.5') 6/9/96 FS	MW-6B (27.5 - 32.5') 5/20/00 FS	MW-6CAUG (37.5 - 42.5') 7/13/95 FS	MW-6CAUG (37.5 - 42.5') 6/9/96 FS	MW-6DAUG (47.8 - 52.8') 7/13/95 FS	MW-6DAUG (47.8 - 52.8') 6/9/96 FS
Inorganics, Filtered									
Aluminum	NA {B}	100 U	**2,190**	100 U	100 U	100 U	194 U	100 U	104 U
Antimony	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	150 {B,X}	5.0 U	1.0 UJ	5.0 U	10 U	1.0 UJ	5.0 U	1.0 UJ	5.0 U
Barium	1,200 {G,X}	200 U	200 U	200 U	**106**	200 U	200 U	200 U	200 U
Beryllium	26 {G}	5.0 U	5.0 U	5.0 U	4.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	4.5 {B,G,X}	0.50 UJ	0.20 U	0.50 U	1.0 U	0.20 U	0.50 UJ	0.20 U	0.50 UJ
Calcium		**127,000**	**56,900**	**74,300**	**71,100**	**104,000**	**87,000**	**211,000**	**201,000**
Chromium	160 {B,G,H,X}	50 U	**107**	50 U	5.0 U	50 U	50 U	50 U	50 U
Cobalt	100	50 U	50 U	50 U	10 U	50 U	50 U	50 U	50 U
Copper	26 {G}*	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Cyanide, Total	20 {M,R}	5.0 U	NA	5.0 U	NA	NA	5.0 U	NA	5.0 U
Iron	NA {B}	100 U	**3,880**	**2,130 J**	**2,240**	**129**	**133**	100 U	**274**
Lead	28 {G,X}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	NA {B}	**20,800**	**20,400**	**19,900**	**20,800**	5,000 U	**20,700**	**42,900**	**55,300**
Manganese	2,100 {B,G,X}*	**1,040**	**299**	**340 J**	**370**	20 U	**42**	**53**	**153 J**
Mercury	0.0013 {Z}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	120 {B,G}	50 U	50 U	50 U	40 U	50 U	50 U	50 U	50 U
Potassium		**8,060**	5,000 U	5,000 U	**2,020 BJ**	**21,500**	**10,100**	**8,500**	**10,700**
Selenium	5.0 {B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	0.20 {B,M}	0.50 U	0.50 U	0.50 UJ	5.0 U	0.50 U	0.50 U	0.50 U	0.50 U
Sodium	NA	**59,900**	**90,200**	**83,800**	**181,000**	**456,000**	**472,000**	**659,000**	**715,000**
Thallium	3.7 {B,X}	8.0 UJ	2.0 U	8.0 UJ	10 U	2.0 UJ	16 UJ	2.0 UJ	16 UJ
Vanadium	12	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Zinc	20,000 {B,G}*	20 U	**21**	20 U	20 U	**21**	20 U	20 U	20 U
Inorganics, Unfiltered									
Aluminum	NA {B}	100 U	NA	NA	100 U	NA	NA	NA	NA
Antimony	ID	5.0 U	NA	NA	5.0 U	NA	NA	NA	NA
Arsenic	150 {B,X}	5.0 U	NA	NA	10 U	NA	NA	NA	NA
Barium	1,200 {G,X}	200 U	NA	NA	**108**	NA	NA	NA	NA
Beryllium	26 {G}	5.0 U	NA	NA	4.0 U	NA	NA	NA	NA
Cadmium	4.5 {B,G,X}	0.50 UJ	NA	NA	1.0 U	NA	NA	NA	NA
Calcium		**124,000**	NA	NA	**72,300**	NA	NA	NA	NA
Chromium	160 {B,G,H,X}	50 U	NA	NA	5.0 U	NA	NA	NA	NA
Cobalt	100	50 U	NA	NA	10 U	NA	NA	NA	NA
Copper	26 {G}*	25 U	NA	NA	25 U	NA	NA	NA	NA
Cyanide, Total	20 {M,R}	5.0 U	5.0 U	NA	NA	5.0 U	NA	5.0 U	NA
Iron	NA {B}	100 U	NA	NA	**2,300**	NA	NA	NA	NA
Lead	28 {G,X}	3.0 U	NA	NA	3.0 U	NA	NA	NA	NA
Magnesium	NA {B}	**20,200**	NA	NA	**21,300**	NA	NA	NA	NA
Manganese	2,100 {B,G,X}*	**844 J**	NA	NA	**378**	NA	NA	NA	NA
Mercury	0.0013 {Z}	0.20 U	NA	NA	0.20 U	NA	NA	NA	NA
Nickel	120 {B,G}	50 U	NA	NA	40 U	NA	NA	NA	NA
Potassium		**8,140**	NA	NA	**2,000 BJ**	NA	NA	NA	NA
Selenium	5.0 {B}	5.0 U	NA	NA	5.0 U	NA	NA	NA	NA
Silver	0.20 {B,M}	0.50 U	NA	NA	5.0 U	NA	NA	NA	NA
Sodium	NA	**58,700**	NA	NA	**185,000**	NA	NA	NA	NA
Thallium	3.7 {B,X}	8.0 UJ	NA	NA	**6.1 B**	NA	NA	NA	NA
Vanadium	12	20 U	NA	NA	20 U	NA	NA	NA	NA
Zinc	20,000 {B,G}*	20 U	NA	NA	20 U	NA	NA	NA	NA

See generic notes pages.

TABLE 4-40

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-107WT (4 - 9')		MW-107S1 (12.5 - 17.5')		MW-107S2 (21.4 - 26.4')	
		7/12/95 FS	6/7/96 FS	7/12/95 FS	6/7/96 FS	7/12/95 FS	6/7/96 FS
Inorganics, Filtered							
Aluminum	NA {B}	**110**	100 U	100 U	134 U	100 U	100 U
Antimony	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	150 {B,X}	**1.6**	5.0 U	**1.1**	5.0 U	**1.0**	5.0 U
Barium	1,200 {G,X}	200 U	200 U	200 U	200 U	200 U	200 U
Beryllium	26 {G}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	4.5 {B,G,X}	0.20 UJ	0.50 UJ	0.20 U	0.50 UJ	0.20 U	0.50 U
Calcium		**87,800**	**83,800**	**35,400**	**45,200**	**113,000**	**109,000**
Chromium	160 {B,G,H,X}	50 U	50 U	50 U	50 U	50 U	50 U
Cobalt	100	50 U	50 U	50 U	50 U	50 U	50 U
Copper	26 {G}*	25 U	25 U	25 U	25 U	25 U	25 U
Cyanide, Total	20 {M,R}	NA	5.0 UJ	NA	5.0 UJ	NA	5.0 UJ
Iron	NA {B}	**109**	100 U	**1,010**	819 U	**1,670**	R
Lead	28 {G,X}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	NA {B}	**15,300**	**12,900**	**8,530**	**10,800**	**25,700**	**29,400**
Manganese	2,100 {B,G,X}*	**295**	20 U	**202**	**249**	**823**	**738**
Mercury	0.0013 {Z}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	120 {B,G}	50 U	50 U	50 U	50 U	50 U	50 U
Potassium		**7,380**	**5,820**	5,000 U	5,000 U	5,000 U	5,000 U
Selenium	5.0 {B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	0.20 {B,M}	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 U	0.50 U
Sodium	NA	**70,300**	**55,100**	**101,000**	**106,000**	**105,000**	**109,000**
Thallium	3.7 {B,X}	2.0 UJ	4.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	4.0 UJ
Vanadium	12	20 U	20 U	20 U	20 U	20 U	20 U
Zinc	20,000 {B,G}*	20 U	20 U	20 U	20 U	20 U	20 U
Inorganics, Unfiltered							
Aluminum	NA {B}	**2,020**	**234**	NA	NA	NA	NA
Antimony	ID	5.0 U	5.0 U	NA	NA	NA	NA
Arsenic	150 {B,X}	**2.3**	5.0 U	NA	NA	NA	NA
Barium	1,200 {G,X}	200 U	200 U	NA	NA	NA	NA
Beryllium	26 {G}	5.0 U	5.0 U	NA	NA	NA	NA
Cadmium	4.5 {B,G,X}	0.20 UJ	0.50 UJ	NA	NA	NA	NA
Calcium		**87,100**	**84,200**	NA	NA	NA	NA
Chromium	160 {B,G,H,X}	50 U	50 U	NA	NA	NA	NA
Cobalt	100	50 U	50 U	NA	NA	NA	NA
Copper	26 {G}*	25 U	25 U	NA	NA	NA	NA
Cyanide, Total	20 {M,R}	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA
Iron	NA {B}	**5,310**	**511 J**	NA	NA	NA	NA
Lead	28 {G,X}	**3.2**	3.0 U	NA	NA	NA	NA
Magnesium	NA {B}	**15,800**	**13,000**	NA	NA	NA	NA
Manganese	2,100 {B,G,X}*	**446**	**38 J**	NA	NA	NA	NA
Mercury	0.0013 {Z}	0.20 U	0.20 U	NA	NA	NA	NA
Nickel	120 {B,G}	50 U	50 U	NA	NA	NA	NA
Potassium		**7,380**	**6,190**	NA	NA	NA	NA
Selenium	5.0 {B}	5.0 U	5.0 U	NA	NA	NA	NA
Silver	0.20 {B,M}	0.50 U	0.50 U	NA	NA	NA	NA
Sodium	NA	**69,000**	**56,600**	NA	NA	NA	NA
Thallium	3.7 {B,X}	2.0 UJ	2.0 UJ	NA	NA	NA	NA
Vanadium	12	20 U	20 U	NA	NA	NA	NA
Zinc	20,000 {B,G}*	R	20 U	NA	NA	NA	NA

See generic notes pages.

TABLE 4-40

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-108WT (2.5 - 7.5') 7/13/95 FS	MW-108WT (2.5 - 7.5') 6/8/96 FS	MW-108WT (2.5 - 7.5') 5/21/00 FS	MW-108S1 (8.8 - 13.8') 7/13/95 FS	MW-108S1 (8.8 - 13.8') 6/8/96 FS	MW-108S1 (8.8 - 13.8') 6/29/99 FS	MW-108S1 (8.8 - 13.8') 9/2/99 FS
Inorganics, Filtered								
Aluminum	NA {B}	100 U	100 U	100 U	**187**	100 U	**130 J**	100 U
Antimony	ID	5.0 U	5.0 U	**1.7 B**	5.0 U	5.0 U	2.0 U	**2.8**
Arsenic	150 {B,X}	1.0 UJ	5.0 U	10 U	**11**	5.0 U	**7.0**	**6.7**
Barium	1,200 {G,X}	200 U	200 U	**45 B**	200 U	200 U	**56**	**42**
Beryllium	26 {G}	5.0 U	5.0 U	4.0 U	5.0 U	5.0 U	**9.5**	1.0 U
Cadmium	4.5 {B,G,X}	0.20 U	0.50 UJ	1.0 U	0.20 U	0.50 U	**0.28**	0.20 U
Calcium		**95,800**	**90,200**	**67,500**	**70,900**	**75,000**	**44,000**	**39,000 J**
Chromium	160 {B,G,H,X}	50 U	50 U	5.0 U	50 U	50 U	2.0 U	2.0 U
Cobalt	100	50 U	50 U	10 U	50 U	50 U	20 U	20 U
Copper	26 {G}*	25 U	25 U	25 U	25 U	25 U	20 U	8.0 U
Cyanide, Total	20 {M,R}	NA	5.0 UJ	NA	NA	5.0 UJ	5.0 U	5.0 U
Iron	NA {B}	**1,900**	**2,210**	**3,580**	**2,770**	**4,300**	**3,200**	**2,200**
Lead	28 {G,X}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.0 U	1.0 U
Magnesium	NA {B}	**17,400**	**15,200**	**13,900**	**13,000**	**12,600**	**9,300**	**6,900 J**
Manganese	2,100 {B,G,X}*	**1,260**	**968**	**1,220**	**1,230**	**923**	**1,100**	**1,400**
Mercury	0.0013 {Z}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	120 {B,G}	50 U	50 U	40 U	50 U	50 U	5.0 U	50 U
Potassium		**9,780**	**10,800**	**8,750 J**	**6,110**	**8,230**	**7,700 J**	**9,100**
Selenium	5.0 {B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U
Silver	0.20 {B,M}	0.50 U	0.50 U	5.0 U	0.50 U	0.50 U	2.0 UJ	0.50 UJ
Sodium	NA	**61,800**	**60,100**	**101,000**	**41,600**	**48,000**	**88,000 J**	**59,000 J**
Thallium	3.7 {B,X}	2.0 U	4.0 UJ	**5.3 B**	2.0 UJ	2.0 UJ	1.0 U	1.0 U
Vanadium	12	20 U	20 U	20 U	20 U	20 U	10 U	10 UJ
Zinc	20,000 {B,G}*	20 U	20 UJ	20 U	20 U	20 UJ	20 U	**22 JM**
Inorganics, Unfiltered								
Aluminum	NA {B}	**6,930**	100 U	**144**	NA	NA	NA	NA
Antimony	ID	5.0 U	5.0 U	5.0 U	NA	NA	NA	NA
Arsenic	150 {B,X}	**8.3 J**	5.0 U	10 U	NA	NA	NA	NA
Barium	1,200 {G,X}	200 U	200 U	**46 B**	NA	NA	NA	NA
Beryllium	26 {G}	5.0 U	5.0 U	4.0 U	NA	NA	NA	NA
Cadmium	4.5 {B,G,X}	**1.1**	0.50 UJ	1.0 U	NA	NA	NA	NA
Calcium		**99,700**	**86,700**	**67,900**	NA	NA	NA	NA
Chromium	160 {B,G,H,X}	50 UJ	50 U	5.0 U	NA	NA	NA	NA
Cobalt	100	50 U	50 U	10 U	NA	NA	NA	NA
Copper	26 {G}*	25 U	25 U	25 U	NA	NA	NA	NA
Cyanide, Total	20 {M,R}	5.0 U	5.0 U	NA	5.0 U	NA	NA	NA
Iron	NA {B}	**58,300**	**2,380**	**3,810**	NA	NA	NA	NA
Lead	28 {G,X}	**42**	3.0 U	3.0 U	NA	NA	NA	NA
Magnesium	NA {B}	**17,100**	**14,600**	**13,900**	NA	NA	NA	NA
Manganese	2,100 {B,G,X}*	**4,800**	**933**	**1,230**	NA	NA	NA	NA
Mercury	0.0013 {Z}	0.20 U	0.20 U	0.20 U	NA	NA	NA	NA
Nickel	120 {B,G}	50 U	50 U	40 U	NA	NA	NA	NA
Potassium		**9,540**	**10,300**	**8,810 J**	NA	NA	NA	NA
Selenium	5.0 {B}	5.0 U	5.0 U	5.0 U	NA	NA	NA	NA
Silver	0.20 {B,M}	0.50 U	0.50 U	5.0 U	NA	NA	NA	NA
Sodium	NA	**59,600**	**57,700**	**102,000**	NA	NA	NA	NA
Thallium	3.7 {B,X}	2.0 U	4.0 UJ	10 U	NA	NA	NA	NA
Vanadium	12	20 UJ	20 U	20 U	NA	NA	NA	NA
Zinc	20,000 {B,G}*	**77**	20 UJ	20 U	NA	NA	NA	NA

See generic notes pages.

TABLE 4-40

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-108S2 (22 - 27') 7/13/95 FS	MW-108S2 (22 - 27') 6/8/96 FS	MW-108S3 (39.8 - 44.8') 7/13/95 FS	MW-108S3 (39.8 - 44.8') 6/8/96 FS	MW-108S4 (45 - 50') 7/13/95 FS	MW-108S4 (45 - 50') 6/8/96 FS	MW-108S4 (45 - 50') 5/21/00 FS
Inorganics, Filtered								
Aluminum	NA {B}	100 U	**225**	100 U	**150**	**192**	163 U	100 U
Antimony	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	150 {B,X}	1.0 UJ	5.0 U	1.0 UJ	5.0 U	1.0 UJ	5.0 U	10 U
Barium	1,200 {G,X}	200 U	200 U	**208**	**257**	**216**	**244**	**731**
Beryllium	26 {G}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.0 U
Cadmium	4.5 {B,G,X}	0.20 U	0.50 UJ	0.20 U	0.50 UJ	0.20 U	0.50 UJ	1.0 U
Calcium		**44,200**	**50,500**	**181,000**	**231,000**	**315,000**	**267,000**	**449,000**
Chromium	160 {B,G,H,X}	50 U	50 U	50 U	50 U	50 U	50 U	**4.4 B**
Cobalt	100	50 U	50 U	50 U	50 U	50 U	50 U	10 U
Copper	26 {G}*	25 U	25 U	25 U	25 U	**31**	25 U	25 U
Cyanide, Total	20 {M,R}	NA	5.0 UJ	NA	5.0 UJ	NA	5.0 U	NA
Iron	NA {B}	**1,060**	**1,380**	**1,440**	**1,950**	**2,970**	**1,770 J**	100 U
Lead	28 {G,X}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	NA {B}	**13,300**	**13,800**	**69,000**	**82,200**	**133,000**	**126,000**	100 U
Manganese	2,100 {B,G,X}*	**200**	**233**	**732**	**917**	**695**	**702 J**	15 U
Mercury	0.0013 {Z}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	120 {B,G}	50 U	50 U	50 U	50 U	50 U	50 U	40 U
Potassium		5,000 U	5,000 U	**5,640**	**6,360**	**29,600**	**16,200**	**171,000 J**
Selenium	5.0 {B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	0.20 {B,M}	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	5.0 U
Sodium	NA	**306,000**	**234,000**	**725,000**	**837,000**	**1,340,000**	**1,010,000**	**431,000**
Thallium	3.7 {B,X}	2.0 UJ	2.0 UJ	2.0 UJ	16 UJ	4.0 UJ	16 UJ	10 U
Vanadium	12	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Zinc	20,000 {B,G}*	20 U	22 U	20 U	20 U	**66**	20 U	20 U
Inorganics, Unfiltered								
Aluminum	NA {B}	NA	NA	NA	NA	NA	NA	100 U
Antimony	ID	NA	NA	NA	NA	NA	NA	5.0 U
Arsenic	150 {B,X}	NA	NA	NA	NA	NA	NA	**3.4 B**
Barium	1,200 {G,X}	NA	NA	NA	NA	NA	NA	**670**
Beryllium	26 {G}	NA	NA	NA	NA	NA	NA	4.0 U
Cadmium	4.5 {B,G,X}	NA	NA	NA	NA	NA	NA	1.0 U
Calcium		NA	NA	NA	NA	NA	NA	**402,000**
Chromium	160 {B,G,H,X}	NA	NA	NA	NA	NA	NA	5.0 U
Cobalt	100	NA	NA	NA	NA	NA	NA	10 U
Copper	26 {G}*	NA	NA	NA	NA	NA	NA	25 U
Cyanide, Total	20 {M,R}	5.0 U	NA	5.0 U	NA	5.0 U	NA	NA
Iron	NA {B}	NA	NA	NA	NA	NA	NA	104 U
Lead	28 {G,X}	NA	NA	NA	NA	NA	NA	3.0 U
Magnesium	NA {B}	NA	NA	NA	NA	NA	NA	**500 J**
Manganese	2,100 {B,G,X}*	NA	NA	NA	NA	NA	NA	15 U
Mercury	0.0013 {Z}	NA	NA	NA	NA	NA	NA	0.20 U
Nickel	120 {B,G}	NA	NA	NA	NA	NA	NA	40 U
Potassium		NA	NA	NA	NA	NA	NA	**156,000**
Selenium	5.0 {B}	NA	NA	NA	NA	NA	NA	5.0 U
Silver	0.20 {B,M}	NA	NA	NA	NA	NA	NA	5.0 U
Sodium	NA	NA	NA	NA	NA	NA	NA	**408,000**
Thallium	3.7 {B,X}	NA	NA	NA	NA	NA	NA	**3.8 B**
Vanadium	12	NA	NA	NA	NA	NA	NA	20 U
Zinc	20,000 {B,G}*	NA	NA	NA	NA	NA	NA	20 U

See generic notes pages.

TABLE 4-40

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-109WT (3 - 8') 7/13/95 FS	MW-109WT (3 - 8') 6/12/96 FS	MW-109WT (3 - 8') 5/21/00 FS	MW-110WT (3 - 8') 6/12/96 FS	MW-111WT (5.5 - 10.5') 7/14/95 FS	MW-111WT (5.5 - 10.5') 6/12/96 FS	MW-111WT (5.5 - 10.5') 6/30/99 FS	MW-111WT (5.5 - 10.5') 9/2/99 FS
Inorganics, Filtered									
Aluminum	NA {B}	100 U	100 U	100 U	100 U	100 U	100 U	100 UJ	100 U
Antimony	ID	5.0 U	5.0 U	**2.2 B**	5.0 U	5.0 U	5.0 U	**2.0**	2.0 U
Arsenic	150 {B,X}	**17**	5.0 U	10 U	**5.6**	**18**	**11**	**14**	**17**
Barium	1,200 {G,X}	200 U	200 U	**24 B**	200 U	**202**	**451**	**260**	**300**
Beryllium	26 {G}	5.0 U	5.0 U	4.0 U	5.0 U	5.0 U	5.0 U	1.0 U	**3.1 JM**
Cadmium	4.5 {B,G,X}	0.20 U	0.50 U	1.0 U	0.50 U	0.20 U	0.50 U	0.20 U	0.20 U
Calcium		**67,500**	**72,400**	**65,200**	**66,600**	**141,000**	**330,000**	**150,000**	**180,000 J**
Chromium	160 {B,G,H,X}	50 U	50 U	**1.2 B**	50 U	50 U	50 U	2.0 U	2.0 U
Cobalt	100	50 U	50 U	10 U	50 U	50 U	50 U	20 U	20 U
Copper	26 {G}*	25 U	25 U	25 U	25 U	25 U	25 U	20 U	**0 J**
Cyanide, Total	20 {M,R}	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U
Iron	NA {B}	**130**	**363 J**	100 U	**2,530 J**	**10,700**	**21,400 J**	**8,900 J**	**16,000**
Lead	28 {G,X}	**15**	3.0 U	3.0 U	3.0 U	**3.0**	3.0 U	**1.8**	1.0 U
Magnesium	NA {B}	**11,600**	**12,300**	**12,300**	**12,000**	**23,600**	**54,000**	**27,000**	**29,000 J**
Manganese	2,100 {B,G,X}*	**734**	**1,000**	15 U	**459**	**1,800**	**3,910**	**2,000 J**	**2,200**
Mercury	0.0013 {Z}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	120 {B,G}	50 U	50 U	40 U	50 U	50 U	50 U	5.0 U	50 U
Potassium		**6,430**	**7,340**	**9,950 J**	5,000 U	**6,550**	**9,910**	**5,600 J**	**8,100**
Selenium	5.0 {B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	2.0 U
Silver	0.20 {B,M}	0.50 U	0.50 UJ	5.0 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U
Sodium	NA	**32,100**	**40,000**	**76,700**	**34,800**	**65,300**	**142,000**	**74,000 J**	**69,000 J**
Thallium	3.7 {B,X}	2.0 U	2.0 UJ	10 U	2.0 UJ	2.0 U	2.0 UJ	1.0 U	1.0 U
Vanadium	12	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U
Zinc	20,000 {B,G}*	20 U	73 U	20 U	22 U	R	20 U	20 U	**13**
Inorganics, Unfiltered									
Aluminum	NA {B}	**16,400**	100 U	100 U	**111**	**19,700**	100 U	NA	NA
Antimony	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA
Arsenic	150 {B,X}	**16 J**	5.0 U	10 U	**7.3**	**24 J**	**31**	NA	NA
Barium	1,200 {G,X}	200 U	200 U	**25 B**	200 U	**401**	**614**	NA	NA
Beryllium	26 {G}	5.0 U	5.0 U	4.0 U	5.0 U	5.0 U	5.0 U	NA	NA
Cadmium	4.5 {B,G,X}	**0.55**	0.50 U	1.0 U	0.50 U	**2.3**	0.50 UJ	NA	NA
Calcium		**98,100**	**68,100**	**66,800**	**65,300**	**309,000**	**375,000**	NA	NA
Chromium	160 {B,G,H,X}	**60 J**	50 U	5.0 U	50 U	**117 J**	50 U	NA	NA
Cobalt	100	50 U	50 U	10 U	50 U	50 U	50 U	NA	NA
Copper	26 {G}*	**42**	25 U	25 U	25 U	**40**	25 U	NA	NA
Cyanide, Total	20 {M,R}	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	NA	NA
Iron	NA {B}	**29,900**	**298 J**	100 U	**3,090 J**	**54,600**	**40,200 J**	**18,000**	NA
Lead	28 {G,X}	**54**	3.0 U	3.0 U	3.0 U	**28**	3.0 U	NA	NA
Magnesium	NA {B}	**24,600**	**11,500**	**12,600**	**11,900**	**94,200**	**61,100**	NA	NA
Manganese	2,100 {B,G,X}*	**2,830**	**1,020**	15 U	**460**	**3,740**	**4,440**	**2,100**	NA
Mercury	0.0013 {Z}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	NA
Nickel	120 {B,G}	**51**	50 U	40 U	50 U	**97**	50 U	NA	NA
Potassium		**8,950**	**7,110**	**10,100 J**	5,000 U	**9,120**	**10,900**	NA	NA
Selenium	5.0 {B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA
Silver	0.20 {B,M}	0.50 U	0.50 UJ	5.0 U	0.50 U	0.50 U	0.50 U	NA	NA
Sodium	NA	**34,900**	**38,900**	**78,000**	**33,700**	**67,100**	**160,000**	NA	NA
Thallium	3.7 {B,X}	2.0 UJ	2.0 UJ	10 U	2.0 UJ	2.0 UJ	8.0 UJ	NA	NA
Vanadium	12	**31**	20 U	20 U	20 U	**45**	20 U	NA	NA
Zinc	20,000 {B,G}*	**115**	20 U	20 U	96 U	R	20 U	NA	NA

See generic notes pages.

TABLE 4-40

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-111S1 (12 - 17') 7/14/95 FS	MW-111S1 (12 - 17') 6/12/96 FS	MW-111S2 (25 - 30') 7/13/95 FS	MW-111S2 (25 - 30') 7/13/95 DUP	MW-111S2 (25 - 30') 6/10/96 FS	MW-111S3 (36 - 41') 7/13/95 FS	MW-111S3 (36 - 41') 6/10/96 FS
Inorganics, Filtered								
Aluminum	NA {B}	100 U	100 U	100 U	100 U	142 U	**138**	**1,300**
Antimony	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	150 {B,X}	**19**	**6.5**	1.0 UJ	**1.0 J**	5.0 U	1.0 UJ	5.0 U
Barium	1,200 {G,X}	**214**	200 U	200 U	200 U	200 U	**438**	200 U
Beryllium	26 {G}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	4.5 {B,G,X}	0.20 U	0.50 U	0.20 U	0.20 U	0.50 UJ	0.20 U	0.50 UJ
Calcium		**148,000**	**62,800**	**64,100**	**59,000**	**75,500**	**572,000**	**168,000**
Chromium	160 {B,G,H,X}	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Cobalt	100	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Copper	26 {G}*	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Cyanide, Total	20 {M,R}	NA	5.0 U	NA	NA	5.0 U	NA	5.0 U
Iron	NA {B}	**11,500**	**3,610 J**	**3,240**	**3,070**	**4,390 J**	100 U	**179**
Lead	28 {G,X}	**5.6**	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	NA {B}	**25,600**	**11,300**	**17,600**	**16,200**	**20,300**	5,000 U	5,000 U
Manganese	2,100 {B,G,X}*	**1,900**	**597**	**340**	**316**	**404 J**	20 U	20 U
Mercury	0.0013 {Z}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	120 {B,G}	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Potassium		**7,260**	5,000 U	5,000 U	5,000 U	5,000 U	**75,200**	**9,800**
Selenium	5.0 {B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	0.20 {B,M}	0.50 U	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Sodium	NA	**71,700**	**28,700**	**54,000**	**51,900**	**50,000**	**202,000**	**228,000**
Thallium	3.7 {B,X}	2.0 U	2.0 UJ	2.0 U	2.0 U	8.0 UJ	2.0 UJ	16 UJ
Vanadium	12	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Zinc	20,000 {B,G}*	R	20 U	**32**	**41**	42 U	20 U	29 U
Inorganics, Unfiltered								
Aluminum	NA {B}	NA	NA	NA	NA	NA	NA	NA
Antimony	ID	NA	NA	NA	NA	NA	NA	NA
Arsenic	150 {B,X}	NA	NA	NA	NA	NA	NA	NA
Barium	1,200 {G,X}	NA	NA	NA	NA	NA	NA	NA
Beryllium	26 {G}	NA	NA	NA	NA	NA	NA	NA
Cadmium	4.5 {B,G,X}	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA
Chromium	160 {B,G,H,X}	NA	NA	NA	NA	NA	NA	NA
Cobalt	100	NA	NA	NA	NA	NA	NA	NA
Copper	26 {G}*	NA	NA	NA	NA	NA	NA	NA
Cyanide, Total	20 {M,R}	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	NA
Iron	NA {B}	NA	NA	NA	NA	NA	NA	NA
Lead	28 {G,X}	NA	NA	NA	NA	NA	NA	NA
Magnesium	NA {B}	NA	NA	NA	NA	NA	NA	NA
Manganese	2,100 {B,G,X}*	NA	NA	NA	NA	NA	NA	NA
Mercury	0.0013 {Z}	NA	NA	NA	NA	NA	NA	NA
Nickel	120 {B,G}	NA	NA	NA	NA	NA	NA	NA
Potassium		NA	NA	NA	NA	NA	NA	NA
Selenium	5.0 {B}	NA	NA	NA	NA	NA	NA	NA
Silver	0.20 {B,M}	NA	NA	NA	NA	NA	NA	NA
Sodium	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	3.7 {B,X}	NA	NA	NA	NA	NA	NA	NA
Vanadium	12	NA	NA	NA	NA	NA	NA	NA
Zinc	20,000 {B,G}*	NA	NA	NA	NA	NA	NA	NA

See generic notes pages.

TABLE 4-40

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-111S4 (46 - 51') 7/14/95 FS	MW-111S4 (46 - 51') 6/10/96 FS	MW-111S4 (46 - 51') 7/2/99 FS	MW-111S4 (46 - 51') 9/2/99 FS	MW-112WT (3.5 - 8.5') 7/17/95 FS	MW-112WT (3.5 - 8.5') 6/12/96 FS	MW-112WT (3.5 - 8.5') 6/30/99 FS	MW-112WT (3.5 - 8.5') 9/2/99 FS	MW-112WT (3.5 - 8.5') 5/20/00 FS
Inorganics, Filtered										
Aluminum	NA {B}	**158**	100 U	300 U	100 U	100 U	100 U	**110 J**	100 U	100 U
Antimony	ID	5.0 U	5.0 U	**2.1**	2.0 U	5.0 U	5.0 U	2.0 U	**2.9**	5.0 U
Arsenic	150 {B,X}	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	**4.0 B**
Barium	1,200 {G,X}	**381**	200 U	**80**	**76**	200 U	200 U	**52**	**38**	**58 B**
Beryllium	26 {G}	5.0 U	5.0 U	7.0 U	**1.1 JM**	5.0 U	5.0 U	3.0 UM	1.0 U	4.0 U
Cadmium	4.5 {B,G,X}	0.20 U	0.50 UJ	0.60 U	0.20 U	0.40 U	0.50 U	**0.42**	0.20 U	1.0 U
Calcium		**603,000**	**382,000**	**230,000**	**200,000 J**	**142,000**	**263,000**	**80,000**	**64,000 J**	**135,000**
Chromium	160 {B,G,H,X}	50 U	50 U	2.0 U	2.0 U	50 U	50 U	2.0 U	2.0 U	5.0 U
Cobalt	100	50 U	50 U	20 U	20 U	50 U	50 U	20 U	20 U	10 U
Copper	26 {G}*	25 U	25 U	20 U	7.0 U	25 U	25 U	20 U	7.0 U	25 U
Cyanide, Total	20 {M,R}	NA	5.0 U	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	NA
Iron	NA {B}	100 U	100 U	100 U	20 U	**400 J**	**3,310 J**	**5,900**	**4,500**	**6,580**
Lead	28 {G,X}	3.0 U	3.0 U	1.0 U	1.0 U	3.0 U	3.0 U	**8.7**	**2.0**	3.0 U
Magnesium	NA {B}	5,000 U	5,000 U	**9,100**	**12,000 J**	**24,500**	**46,400**	**14,000**	**9,700 J**	**29,300**
Manganese	2,100 {B,G,X}*	20 U	20 U	3.0 U	20 U	**1,410**	**1,020**	**2,000**	**1,300**	**2,080**
Mercury	0.0013 {Z}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	120 {B,G}	50 U	50 U	**6.3**	50 UJM	50 U	50 U	5.0 U	50 U	40 U
Potassium		**37,900**	**17,700**	**10,000**	**11,000**	**7,780**	**22,500**	**7,800 J**	**9,700**	**10,300 J**
Selenium	5.0 {B}	5.0 U	5.0 U	**3.0**	2.0 U	5.0 U	5.0 U	2.0 U	2.0 U	5.0 U
Silver	0.20 {B,M}	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 U	0.50 UJ	0.50 UJ	0.50 UJ	5.0 U
Sodium	NA	**542,000**	**550,000**	**130,000**	**110,000 J**	**72,200**	**177,000**	**93,000 J**	**67,000 J**	**298,000**
Thallium	3.7 {B,X}	2.0 UJ	16 UJ	1.0 U	1.0 U	2.0 U	2.0 UJ	1.0 U	1.0 U	**5.9 B**
Vanadium	12	20 U	20 U	10 U	10 UJ	20 U	20 U	10 U	10 UJ	20 U
Zinc	20,000 {B,G}*	R	20 U	**67**	**13**	20 U	26 U	20 U	**13**	20 U
Inorganics, Unfiltered										
Aluminum	NA {B}	NA	NA	NA	NA	**11,500**	100 U	NA	NA	100 U
Antimony	ID	NA	NA	NA	NA	5.0 U	5.0 U	NA	NA	5.0 U
Arsenic	150 {B,X}	NA	NA	NA	NA	**3.3**	5.0 U	NA	NA	10 U
Barium	1,200 {G,X}	NA	NA	NA	NA	200 U	200 U	NA	NA	**56 B**
Beryllium	26 {G}	NA	NA	NA	NA	5.0 U	5.0 U	NA	NA	4.0 U
Cadmium	4.5 {B,G,X}	NA	NA	NA	NA	**0.59**	0.50 U	NA	NA	1.0 U
Calcium		NA	NA	NA	NA	**166,000**	**259,000**	NA	NA	**128,000**
Chromium	160 {B,G,H,X}	NA	NA	NA	NA	**81**	50 U	NA	NA	5.0 U
Cobalt	100	NA	NA	NA	NA	50 U	50 U	NA	NA	10 U
Copper	26 {G}*	NA	NA	NA	NA	**54**	25 U	NA	NA	25 U
Cyanide, Total	20 {M,R}	5.0 U	NA	NA	NA	5.0 U	5.0 U	NA	NA	NA
Iron	NA {B}	NA	NA		NA	**69,400 J**	**3,630 J**	NA	NA	**7,000**
Lead	28 {G,X}	NA	NA	NA	NA	**48**	3.0 U	NA	NA	3.0 U
Magnesium	NA {B}	NA	NA	NA	NA	**28,600**	**45,600**	NA	NA	**27,500**
Manganese	2,100 {B,G,X}*	NA	NA		NA	**4,420**	**1,120**	NA	NA	**2,060**
Mercury	0.0013 {Z}	NA	NA	NA	NA	0.20 U	0.20 U	NA	NA	0.20 U
Nickel	120 {B,G}	NA	NA	NA	NA	50 U	50 U	NA	NA	40 U
Potassium		NA	NA	NA	NA	**8,190**	**22,500**	NA	NA	**9,880 J**
Selenium	5.0 {B}	NA	NA	NA	NA	5.0 U	5.0 U	NA	NA	5.0 U
Silver	0.20 {B,M}	NA	NA	NA	NA	0.50 U	0.50 UJ	NA	NA	5.0 U
Sodium	NA	NA	NA	NA	NA	**71,000**	**174,000**	NA	NA	**281,000**
Thallium	3.7 {B,X}	NA	NA	NA	NA	2.0 U	2.0 UJ	NA	NA	**4.0 B**
Vanadium	12	NA	NA	NA	NA	**26**	20 U	NA	NA	20 U
Zinc	20,000 {B,G}*	NA	NA	NA	NA	R	20 U	NA	NA	20 U

See generic notes pages.

TABLE 4-40

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-113WT (3.5 - 8.5') 7/17/95 FS	MW-113WT (3.5 - 8.5') 6/13/96 FS	MW-114WT (3.5 - 8.5') 6/8/96 FS	MW-114WT (3.5 - 8.5') 5/22/00 FS	MW-114S1 (10.7 - 15.7') 7/17/95 FS	MW-114S1 (10.7 - 15.7') 6/7/96 FS	MW-114S2 (22.5 - 27.5') 7/17/95 FS	MW-114S2 (22.5 - 27.5') 6/7/96 FS
Inorganics, Filtered									
Aluminum	NA {B}	100 U	100 U	**122**	100 U	100 U	117 U	100 U	100 U
Antimony	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	150 {B,X}	**11**	**13 J**	5.0 U	10 U	1.0 U	5.0 U	1.0 U	5.0 U
Barium	1,200 {G,X}	200 U	200 U	**570**	**92 B**	200 U	200 U	200 U	200 U
Beryllium	26 {G}	5.0 U	5.0 U	5.0 U	4.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	4.5 {B,G,X}	**0.43**	0.50 U	0.50 U	1.0 U	0.20 U	0.50 U	0.20 U	0.50 UJ
Calcium		**61,600**	**93,600**	**866,000**	**609,000**	**48,400**	**49,000**	**61,000**	**53,100**
Chromium	160 {B,G,H,X}	50 U	50 U	50 U	5.0 U	50 U	50 U	50 U	50 U
Cobalt	100	50 U	50 U	50 U	10 U	50 U	50 U	50 U	50 U
Copper	26 {G}*	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Cyanide, Total	20 {M,R}	NA	5.0 U	5.0 UJ	NA	NA	5.0 UJ	NA	5.0 UJ
Iron	NA {B}	**330**	**648 J**	**117**	100 U	**606**	318 U	**1,360**	1,260 U
Lead	28 {G,X}	**11**	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	NA {B}	**9,790**	**15,400**	**129,000**	**65,700**	**8,150**	**8,400**	**13,000**	**11,800**
Manganese	2,100 {B,G,X}*	**571**	**823**	**1,620**	**518**	**226**	**182**	**436**	**382**
Mercury	0.0013 {Z}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	120 {B,G}	50 U	50 U	50 U	40 U	50 U	50 U	50 U	50 U
Potassium		5,000 U	5,000 U	**17,900**	**17,000**	5,000 U	5,000 U	5,000 U	5,000 U
Selenium	5.0 {B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	0.20 {B,M}	0.50 U	0.50 UJ	0.50 U	5.0 U	0.50 U	0.50 U	0.50 U	0.50 U
Sodium	NA	**27,500**	**47,000**	**200,000**	**218,000**	**23,300**	**25,200**	**30,900**	**29,200**
Thallium	3.7 {B,X}	2.0 U	2.0 UJ	10 UJ	10 U	2.0 U	2.0 UJ	2.0 U	2.0 UJ
Vanadium	12	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Zinc	20,000 {B,G}*	20 U	41 U	28 U	20 U	20 U	20 U	20 U	20 U
Inorganics, Unfiltered									
Aluminum	NA {B}	**2,570 J**	**200**	**193**	100 U	NA	NA	NA	NA
Antimony	ID	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	NA	NA
Arsenic	150 {B,X}	**17 J**	**9.3 J**	5.0 U	10 U	NA	NA	NA	NA
Barium	1,200 {G,X}	200 U	200 U	**570**	**107**	NA	NA	NA	NA
Beryllium	26 {G}	5.0 U	5.0 U	5.0 U	4.0 U	NA	NA	NA	NA
Cadmium	4.5 {B,G,X}	**0.30 J**	0.50 U	**4.0**	1.0 U	NA	NA	NA	NA
Calcium		**76,400**	**121,000**	**902,000**	**595,000**	NA	NA	NA	NA
Chromium	160 {B,G,H,X}	50 U	50 U	50 U	5.0 U	NA	NA	NA	NA
Cobalt	100	50 U	50 U	50 U	10 U	NA	NA	NA	NA
Copper	26 {G}*	25 U	25 U	25 U	25 U	NA	NA	NA	NA
Cyanide, Total	20 {M,R}	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA
Iron	NA {B}	**7,180**	**943 J**	367 U	**66 B**	NA	NA	NA	NA
Lead	28 {G,X}	**17**	3.0 U	3.0 U	3.0 U	NA	NA	NA	NA
Magnesium	NA {B}	**14,800**	**19,600**	**132,000**	**67,300**	NA	NA	NA	NA
Manganese	2,100 {B,G,X}*	**737**	**986**	**2,260**	**503**	NA	NA	NA	NA
Mercury	0.0013 {Z}	0.20 U	0.20 U	0.20 U	0.20 U	NA	NA	NA	NA
Nickel	120 {B,G}	50 U	50 U	50 U	40 U	NA	NA	NA	NA
Potassium		5,000 U	**6,050**	**18,500**	**16,100**	NA	NA	NA	NA
Selenium	5.0 {B}	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	NA	NA
Silver	0.20 {B,M}	0.50 U	0.50 UJ	0.50 U	5.0 U	NA	NA	NA	NA
Sodium	NA	**29,400**	**59,300**	**200,000**	**218,000**	NA	NA	NA	NA
Thallium	3.7 {B,X}	2.0 U	2.0 UJ	4.0 UJ	**5.3 B**	NA	NA	NA	NA
Vanadium	12	20 U	20 U	20 U	20 U	NA	NA	NA	NA
Zinc	20,000 {B,G}*	**151**	53 U	20 U	20 U	NA	NA	NA	NA

See generic notes pages.

TABLE 4-40

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MW-114S3 (35.5 - 40.5') 7/17/95 FS	MW-114S3 (35.5 - 40.5') 6/7/96 FS	MW-114S4 (47.8 - 52.8') 7/17/95 FS	MW-114S4 (47.8 - 52.8') 6/7/96 FS	MW-149WT (7 - 17') 6/12/96 FS	MW-149WT (7 - 17') 5/21/00 FS	MW-184WT (3 - 13') 8/17/00 FS	MW-184WT (3 - 13') 8/17/00 DUP
Inorganics, Filtered									
Aluminum	NA {B}	100 U	100 U	**231**	196 U	100 U	100 U	NA	NA
Antimony	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA
Arsenic	150 {B,X}	1.0 U	5.0 U	1.0 UJ	5.0 U	**230**	**6.0 B**	**4.1 B**	**4.6 B**
Barium	1,200 {G,X}	200 U	200 U	200 U	200 U	200 U	**112**	**96 B**	**93.7 B**
Beryllium	26 {G}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.0 U	NA	NA
Cadmium	4.5 {B,G,X}	0.20 U	0.50 UJ	0.20 U	0.50 UJ	0.50 U	1.0 U	1.0 U	1.0 U
Calcium		**66,200**	**55,800**	**64,500**	**61,000**	**100,000**	**118,000**	NA	NA
Chromium	160 {B,G,H,X}	50 U	50 U	50 U	50 U	50 U	5.0 U	5.0 U	5.0 U
Cobalt	100	50 U	50 U	50 U	50 U	50 U	10 U	NA	NA
Copper	26 {G}*	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Cyanide, Total	20 {M,R}	NA	5.0 UJ	NA	5.0 UJ	5.0 U	NA	10 U	10 U
Iron	NA {B}	**463**	488 U	**294**	100 U	**20,300 J**	**4,420**	**10,300**	**10,000**
Lead	28 {G,X}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	NA {B}	**24,200**	**20,500**	**12,700**	**17,300**	**17,000**	**21,600**	NA	NA
Manganese	2,100 {B,G,X}*	**214**	**186**	20 U	**55**	**3,180**	**915**	NA	NA
Mercury	0.0013 {Z}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	120 {B,G}	50 U	50 U	50 U	50 U	50 U	40 U	40 U	40 U
Potassium		5,000 U	5,000 U	**7,450**	**5,470**	5,000 U	**24,000 J**	NA	NA
Selenium	5.0 {B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	0.20 {B,M}	0.50 U	0.50 UJ	0.50 U	0.50 U	0.50 U	5.0 U	5.0 U	5.0 U
Sodium	NA	**384,000**	**369,000**	**385,000**	**394,000**	**29,600**	**80,700**	NA	NA
Thallium	3.7 {B,X}	2.0 UJ	4.0 UJ	2.0 U	4.0 UJ	2.0 UJ	**6.4 B**	NA	NA
Vanadium	12	20 U	20 U	20 U	20 U	20 U	20 U	NA	NA
Zinc	20,000 {B,G}*	20 U	20 U	20 U	20 U	109 U	20 U	20 U	20 U
Inorganics, Unfiltered									
Aluminum	NA {B}	NA	NA	NA	NA	NA	**98 B**	NA	NA
Antimony	ID	NA	NA	NA	NA	NA	5.0 U	NA	NA
Arsenic	150 {B,X}	NA	NA	NA	NA	NA	**11**	NA	NA
Barium	1,200 {G,X}	NA	NA	NA	NA	NA	**118**	NA	NA
Beryllium	26 {G}	NA	NA	NA	NA	NA	4.0 U	NA	NA
Cadmium	4.5 {B,G,X}	NA	NA	NA	NA	NA	1.0 U	NA	NA
Calcium		NA	NA	NA	NA	NA	**117,000**	NA	NA
Chromium	160 {B,G,H,X}	NA	NA	NA	NA	NA	5.0 U	NA	NA
Cobalt	100	NA	NA	NA	NA	NA	10 U	NA	NA
Copper	26 {G}*	NA	NA	NA	NA	NA	25 U	NA	NA
Cyanide, Total	20 {M,R}	5.0 U	NA	5.0 U	NA	NA	NA	NA	NA
Iron	NA {B}	NA	NA	NA	NA	NA	**5,320**	NA	NA
Lead	28 {G,X}	NA	NA	NA	NA	NA	3.0 U	NA	NA
Magnesium	NA {B}	NA	NA	NA	NA	NA	**21,600**	NA	NA
Manganese	2,100 {B,G,X}*	NA	NA	NA	NA	NA	**868**	NA	NA
Mercury	0.0013 {Z}	NA	NA	NA	NA	NA	0.20 U	NA	NA
Nickel	120 {B,G}	NA	NA	NA	NA	NA	40 U	NA	NA
Potassium		NA	NA	NA	NA	NA	**24,600 J**	NA	NA
Selenium	5.0 {B}	NA	NA	NA	NA	NA	5.0 U	NA	NA
Silver	0.20 {B,M}	NA	NA	NA	NA	NA	5.0 U	NA	NA
Sodium	NA	NA	NA	NA	NA	NA	**79,800**	NA	NA
Thallium	3.7 {B,X}	NA	NA	NA	NA	NA	**6.7 B**	NA	NA
Vanadium	12	NA	NA	NA	NA	NA	20 U	NA	NA
Zinc	20,000 {B,G}*	NA	NA	NA	NA	NA	20 U	NA	NA

See generic notes pages.

TABLE 4-40

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	X-4AR (6.2 - 9.2')			X-4CAUG (18 - 23')		X-9AR (2 - 12')	
		7/24/95 FS	6/9/96 FS	5/21/00 FS	7/24/95 FS	6/8/96 FS	7/24/95 FS	6/9/96 FS
Inorganics, Filtered								
Aluminum	NA {B}	**113**	151 U	100 U	**103**	100 U	**110**	100 U
Antimony	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	150 {B,X}	**1.2**	5.0 U	10 U	1.0 UJ	5.0 U	**2.1**	5.0 U
Barium	1,200 {G,X}	200 U	200 U	**74 B**	200 U	200 U	200 U	200 U
Beryllium	26 {G}	5.0 U	5.0 U	4.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	4.5 {B,G,X}	0.20 U	0.50 UJ	1.0 U	0.20 U	**0.63**	0.20 U	0.50 UJ
Calcium		**149,000**	**176,000**	**162,000**	**88,500**	**89,000**	**145,000**	**144,000**
Chromium	160 {B,G,H,X}	50 U	50 U	5.0 U	50 U	50 U	50 U	50 U
Cobalt	100	50 U	50 U	10 U	50 U	50 U	50 U	50 U
Copper	26 {G}*	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Cyanide, Total	20 {M,R}	NA	5.0 U	NA	NA	5.0 UJ	NA	5.0 UJ
Iron	NA {B}	**1,080**	**289**	100 U	**1,970**	**1,980**	**9,170**	**3,190**
Lead	28 {G,X}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	NA {B}	**29,900**	**32,900**	**29,500**	**23,900**	**23,500**	**38,700**	**36,300**
Manganese	2,100 {B,G,X}*	**248**	**44**	15 U	**447**	**464**	**674**	**382**
Mercury	0.0013 {Z}	0.20 UJ	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 UJ	0.20 U
Nickel	120 {B,G}	50 U	50 U	40 U	50 U	50 U	50 U	50 U
Potassium		5,000 U	5,000 U	**1,740 BJ**	5,000 U	5,000 U	5,000 U	5,000 U
Selenium	5.0 {B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	0.20 {B,M}	0.50 UJ	0.50 U	5.0 U	0.50 UJ	0.50 U	0.50 UJ	0.50 U
Sodium	NA	**18,100**	**22,900**	**20,900**	**65,400**	**79,100**	**37,600**	**57,000**
Thallium	3.7 {B,X}	2.0 U	2.0 UJ	**4.6 B**	2.0 UJ	4.0 UJ	2.0 UJ	4.0 UJ
Vanadium	12	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Zinc	20,000 {B,G}*	**341**	71 U	20 U	**20**	20 UJ	**51**	36 U
Inorganics, Unfiltered								
Aluminum	NA {B}	**42,600**	315 U	**134**	NA	NA	**797**	430 U
Antimony	ID	5.0 U	5.0 U	5.0 U	NA	NA	5.0 U	5.0 U
Arsenic	150 {B,X}	**13**	5.0 U	10 U	NA	NA	**1.6**	5.0 U
Barium	1,200 {G,X}	**431**	200 U	**73 B**	NA	NA	200 U	200 U
Beryllium	26 {G}	5.0 U	5.0 U	4.0 U	NA	NA	5.0 U	5.0 U
Cadmium	4.5 {B,G,X}	**2.0 J**	0.50 U	1.0 U	NA	NA	0.20 UJ	0.50 UJ
Calcium		**481,000**	**173,000**	**159,000**	NA	NA	**164,000**	**146,000**
Chromium	160 {B,G,H,X}	**70**	50 U	5.0 U	NA	NA	50 U	50 U
Cobalt	100	50 U	50 U	10 U	NA	NA	50 U	50 U
Copper	26 {G}*	**60**	25 U	25 U	NA	NA	25 U	25 U
Cyanide, Total	20 {M,R}	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U
Iron	NA {B}	**72,400**	**399**	193 U	NA	NA	**11,100**	**2,900**
Lead	28 {G,X}	**27**	3.0 U	3.0 U	NA	NA	3.0 U	3.0 U
Magnesium	NA {B}	**141,000**	**32,100**	**29,000**	NA	NA	**42,600**	**37,200**
Manganese	2,100 {B,G,X}*	**1,500**	**42**	15 U	NA	NA	**770**	**348**
Mercury	0.0013 {Z}	0.20 UJ	0.20 U	0.20 U	NA	NA	0.20 UJ	0.20 U
Nickel	120 {B,G}	**53**	50 U	40 U	NA	NA	50 U	50 U
Potassium		**7,510**	5,000 U	**1,800 BJ**	NA	NA	5,000 U	5,000 U
Selenium	5.0 {B}	5.0 U	5.0 U	5.0 U	NA	NA	5.0 U	5.0 U
Silver	0.20 {B,M}	0.50 UJ	0.50 U	5.0 U	NA	NA	0.50 UJ	0.50 U
Sodium	NA	**20,700**	**21,900**	**20,700**	NA	NA	**340,000**	**57,200**
Thallium	3.7 {B,X}	2.0 UJ	2.0 UJ	**7.3 B**	NA	NA	2.0 UJ	2.0 UJ
Vanadium	12	**83**	20 U	20 U	NA	NA	20 U	20 U
Zinc	20,000 {B,G}*	**4,170**	68 U	20 U	NA	NA	**84**	20 U

See generic notes pages.

TABLE 4-40

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	X-9BR (20 - 25') 7/24/95 FS	X-9BR (20 - 25') 6/8/96 FS	X-9CAUG (26 - 31') 7/24/95 FS	X-9CAUG (26 - 31') 6/8/96 FS
Inorganics, Filtered					
Aluminum	NA {B}	100 U	**101**	**156**	100 U
Antimony	ID	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	150 {B,X}	1.0 UJ	5.0 U	1.0 UJ	5.0 U
Barium	1,200 {G,X}	200 U	200 U	200 U	200 U
Beryllium	26 {G}	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	4.5 {B,G,X}	0.20 U	0.50 UJ	0.20 U	0.50 U
Calcium		**118,000**	**130,000**	**122,000**	**132,000**
Chromium	160 {B,G,H,X}	50 U	50 U	50 U	50 U
Cobalt	100	50 U	50 U	50 U	50 U
Copper	26 {G}*	25 U	25 U	25 U	25 U
Cyanide, Total	20 {M,R}	NA	5.0 UJ	NA	5.0 UJ
Iron	NA {B}	**3,360**	**2,490**	**7,500**	**8,900**
Lead	28 {G,X}	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	NA {B}	**37,600**	**42,600**	**38,500**	**40,000**
Manganese	2,100 {B,G,X}*	**763**	**813**	**628**	**615**
Mercury	0.0013 {Z}	0.20 UJ	0.20 U	0.20 UJ	0.20 U
Nickel	120 {B,G}	50 U	50 U	50 U	50 U
Potassium		5,000 U	5,000 U	5,000 U	5,000 U
Selenium	5.0 {B}	5.0 U	5.0 U	5.0 U	5.0 U
Silver	0.20 {B,M}	0.50 UJ	0.50 U	0.50 U	0.50 U
Sodium	NA	**64,000**	**48,800**	**47,200**	**47,000**
Thallium	3.7 {B,X}	2.0 UJ	4.0 UJ	2.0 U	2.0 UJ
Vanadium	12	20 U	20 U	20 U	20 U
Zinc	20,000 {B,G}*	**25**	20 UJ	20 U	20 U
Inorganics, Unfiltered					
Aluminum	NA {B}	NA	NA	NA	NA
Antimony	ID	NA	NA	NA	NA
Arsenic	150 {B,X}	NA	NA	NA	NA
Barium	1,200 {G,X}	NA	NA	NA	NA
Beryllium	26 {G}	NA	NA	NA	NA
Cadmium	4.5 {B,G,X}	NA	NA	NA	NA
Calcium		NA	NA	NA	NA
Chromium	160 {B,G,H,X}	NA	NA	NA	NA
Cobalt	100	NA	NA	NA	NA
Copper	26 {G}*	NA	NA	NA	NA
Cyanide, Total	20 {M,R}	5.0 U	NA	5.0 U	NA
Iron	NA {B}	NA	NA	NA	NA
Lead	28 {G,X}	NA	NA	NA	NA
Magnesium	NA {B}	NA	NA	NA	NA
Manganese	2,100 {B,G,X}*	NA	NA	NA	NA
Mercury	0.0013 {Z}	NA	NA	NA	NA
Nickel	120 {B,G}	NA	NA	NA	NA
Potassium		NA	NA	NA	NA
Selenium	5.0 {B}	NA	NA	NA	NA
Silver	0.20 {B,M}	NA	NA	NA	NA
Sodium	NA	NA	NA	NA	NA
Thallium	3.7 {B,X}	NA	NA	NA	NA
Vanadium	12	NA	NA	NA	NA
Zinc	20,000 {B,G}*	NA	NA	NA	NA

See generic notes pages.

TABLE 4-41

APPENDIX IX INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT SAGINAW RIVER PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	B-7R (5 - 15') 7/17/95 FS	MW-6A (6 - 16') 7/13/95 FS
Inorganics, Filtered			
Antimony	ID	5.0 U	5.0 U
Arsenic	150 {B,X}	**7.4**	**4.5**
Barium	1,200 {G,X}	200 U	200 U
Beryllium	26 {G}	5.0 U	5.0 U
Cadmium	4.5 {B,G,X}	0.20 UJ	0.20 UJ
Chromium	160 {B,G,H,X}	50 U	50 U
Cobalt	100	50 U	50 U
Copper	26 {G}*	25 U	25 U
Lead	28 {G,X}	3.0 U	**4.1**
Mercury	0.0013 {Z}	0.20 U	0.20 U
Nickel	120 {B,G}	50 U	50 U
Selenium	5.0 {B}	5.0 U	5.0 U
Silver	0.20 {B,M}	0.50 U	0.50 U
Thallium	3.7 {B,X}	2.0 U	2.0 U
Tin		100 U	100 U
Vanadium	12	20 U	20 U
Zinc	20,000 {B,G}*	20 U	20 U
Inorganics, Unfiltered			
Antimony	ID	5.0 U	5.0 U
Arsenic	150 {B,X}	**9.4**	**5.7**
Barium	1,200 {G,X}	200 U	200 U
Beryllium	26 {G}	5.0 U	5.0 U
Cadmium	4.5 {B,G,X}	0.20 UJ	0.20 UJ
Chromium	160 {B,G,H,X}	50 U	50 U
Cobalt	100	50 U	50 U
Copper	26 {G}*	25 U	25 U
Cyanide, Total	20 {M,R}	5.0 U	5.0 U
Lead	28 {G,X}	**6.0**	3.0 U
Mercury	0.0013 {Z}	0.20 U	0.20 U
Nickel	120 {B,G}	50 U	50 U
Selenium	5.0 {B}	5.0 U	5.0 U
Silver	0.20 {B,M}	0.50 U	0.50 U
Thallium	3.7 {B,X}	2.0 U	2.0 U
Tin		100 U	100 U
Vanadium	12	20 U	20 U
Zinc	20,000 {B,G}*	**38**	**25**

See generic notes pages.

TABLE 4-42

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER MONITORING WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-4 (2 - 12')		MW-101WT (13 - 23')		MW-102WT (9 - 19')		MW-102S1 (27 - 32')		MW-103WT (8 - 18')		MW-103S1 (32.5 - 37.5')		MW-103S2 (47.5 - 52.5')		
		7/29/95 FS	6/10/96 FS	7/28/95 FS	6/5/96 FS	7/25/95 FS	6/3/96 FS	7/25/95 FS	6/3/96 FS	7/12/95 FS	6/4/96 FS	7/12/95 FS	6/4/96 FS	7/12/95 FS	6/4/96 FS	6/4/96 DUP
Inorganics, Filtered																
Aluminum	240 {B,V}*	NA	113 U	**237**	**124**	100 U	182 U	100 U	100 U	100 U	100 U	100 U	**101**	**169**	**206**	100 U
Antimony	6.0 {A}	NA	**6.9**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA	NA
Arsenic	50 {A,B}	NA	5.0 U	1.0 U	5.0 U	**5.3**	**5.3**	**1.0**	5.0 U	**2.5**	NA	**2.9**	NA	**2.8**	NA	NA
Barium	2,000 {A}	NA	**248**	200 U	200 U	**409**	**449**	200 U	200 U	**1,030**	**914**	**365**	**326**	**657**	**616**	**698**
Beryllium	4.0 {A}	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA	NA
Cadmium	5.0 {A,B}	NA	0.50 U	0.20 UJ	0.50 U	0.20 UJ	0.50 U	0.20 UJ	0.50 UJ	0.20 U	NA	0.20 U	NA	0.20 U	NA	NA
Calcium		NA	**252,000**	**95,900**	**99,700**	**150,000**	**165,000**	**204,000**	**217,000**	**20,400**	NA	**206,000**	NA	**790,000**	NA	NA
Chromium	100 {A,B,H}	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U	NA	50 U	NA	NA
Cobalt	40	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U	NA	50 U	NA	NA
Copper	1,000 {E}	NA	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	NA	25 U	NA	**27**	NA	NA
Cyanide, Total	200 {A,R}	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	NA	**1,220 J**	**237**	100 U	**25,900**	**27,700 J**	**843**	**2,960 J**	**1,160**	**6,770 J**	**18,600**	**16,700 J**	**21,300**	**21,200 J**	**24,500**
Lead	6.0 {L}*	NA	3.0 U	**5.9**	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	NA	3.0 U	NA	3.0 U	NA	NA
Magnesium	400,000 {B}	NA	**88,200**	**94,500**	**106,000**	**71,100**	**75,200**	**73,900**	**81,500**	**30,900**	NA	**55,900**	NA	**258,000**	NA	NA
Manganese	2,100 {B,E}*	NA	**280 J**	**48**	**51**	**382**	**354**	**149**	**179**	**86**	**328**	**627**	**614**	**1,060**	**1,010**	**1,180**
Mercury	2.0 {A}	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.20 U	NA	0.20 U	NA	NA
Nickel	100 {A,B}	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U	NA	50 U	NA	NA
Potassium		NA	**17,400**	5,000 U	5,000 U	**11,400**	**9,600**	**15,500**	**17,400**	**59,300**	NA	5,000 U	NA	**27,800**	NA	NA
Selenium	50 {A,B}	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA	NA
Silver	34 {B}	NA	0.50 U	0.50 U	**0.5**	0.50 U	0.50 UJ	0.50 U	0.50 U	0.50 U	NA	0.50 U	NA	0.50 U	NA	NA
Sodium	120,000	NA	**220,000**	**82,400**	**87,100**	**54,700**	**44,300**	**106,000**	**122,000**	**419,000**	**386,000**	**561,000**	**504,000**	**4,140,000**	**3,970,000**	**4,660,000**
Thallium	2.0 {A,B}	NA	16 UJ	2.0 UJ	4.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	NA	2.0 UJ	NA	8.0 UJ*	NA	NA
Vanadium	4.5	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	20 U	NA	**56**	NA	NA
Zinc	20,000 {B}*	NA	20 U	20 U	**147**	20 U	20 U	**56**	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Inorganics, Unfiltered																
Cyanide, Total	200 {A,R}	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	**8.0**	NA	5.0 U	NA	**6.7**	NA	NA

See generic notes pages.

TABLE 4-42

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER MONITORING WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-104WT (7 - 17')		MW-104S1 (33 - 38')		MW-104S2 (45 - 50')		MW-105WT (5 - 15')	MW-105S1 (36.5 - 41.5')	MW-105S2 (43 - 48')	MW-106WT (8 - 13')		MW-106S1 (16.5 - 19')		MW-106S2 (23 - 25.5')	
		7/12/95 FS	6/4/96 FS	7/12/95 FS	6/4/96 FS	7/12/95 FS	6/5/96 FS	7/12/95 FS	7/12/95 FS	7/12/95 FS	7/12/95 FS	6/7/96 FS	7/12/95 FS	6/7/96 FS	7/12/95 FS	6/7/96 FS
Inorganics, Filtered																
Aluminum	240 {B,V}*	100 U	**137**	100 U	100 U	**192**	**320**	100 U	100 U	100 U	100 U	NA	100 U	NA	100 U	NA
Antimony	6.0 {A}	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA
Arsenic	50 {A,B}	**5.1**	NA	**12**	NA	**5.4**	NA	**2.3**	**1.2**	1.0 UJ	**31**	NA	**1.2**	NA	**2.5**	NA
Barium	2,000 {A}	**2,290**	**1,440**	**245**	**326**	**688**	**663**	200 U	**361**	**650**	200 U	NA	200 U	NA	200 U	NA
Beryllium	4.0 {A}	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA
Cadmium	5.0 {A,B}	0.20 U	NA	0.20 U	NA	0.20 UJ	NA	0.20 U	0.40 U	0.20 U	0.20 U	NA	0.20 U	NA	0.20 U	NA
Calcium		**178,000**	NA	**148,000**	NA	**763,000**	NA	**91,900**	**132,000**	**365,000**	**92,400**	NA	**84,000**	NA	**50,100**	NA
Chromium	100 {A,B,H}	50 U	NA	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U	NA	50 U	NA	50 U	NA
Cobalt	40	50 U	NA	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U	NA	50 U	NA	50 U	NA
Copper	1,000 {E}	25 U	NA	25 U	NA	**27**	NA	25 U	25 U	25 U	25 U	NA	25 U	NA	25 U	NA
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	**27,600**	**20,700 J**	**21,800**	**31,000**	**20,400**	**21,600**	**2,400**	**8,640**	**16,400**	**5,740**	**7,850**	**1,500**	R	**1,520**	789 U
Lead	6.0 {L}*	3.0 U	NA	3.0 U	NA	3.0 U	NA	3.0 U	3.0 U	3.0 U	3.0 U	NA	3.0 U	NA	3.0 U	NA
Magnesium	400,000 {B}	**95,000**	NA	**41,700**	NA	**251,000**	NA	**13,000**	**45,900**	**117,000**	**19,600**	NA	**18,900**	NA	**14,900**	NA
Manganese	2,100 {B,E}*	**631**	**694**	**515**	**631**	**946**	**968**	**737**	**440**	**633**	**1,540**	**1,970**	**496**	**596**	**583**	**315**
Mercury	2.0 {A}	0.20 U	NA	0.20 U	NA	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.20 U	NA	0.20 U	NA
Nickel	100 {A,B}	50 U	NA	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U	NA	50 U	NA	50 U	NA
Potassium		**47,400**	NA	5,000 U	NA	**22,800**	NA	**6,790**	**5,080**	**11,600**	**6,120**	NA	5,000 U	NA	5,000 U	NA
Selenium	50 {A,B}	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA
Silver	34 {B}	0.50 U	NA	0.50 U	NA	0.50 U	NA	0.50 U	0.50 U	0.50 U	0.50 U	NA	0.50 U	NA	0.50 U	NA
Sodium	120,000	**1,630,000**	**2,000,000**	**301,000**	**355,000**	**4,170,000**	**3,910,000**	**41,800**	**381,000**	**1,430,000**	**44,100**	**54,300**	**39,900**	**39,200**	**121,000**	**162,000**
Thallium	2.0 {A,B}	4.0 UJ*	NA	2.0 UJ	NA	8.0 UJ*	NA	2.0 UJ	2.0 UJ	4.0 UJ*	2.0 UJ	NA	2.0 UJ	NA	2.0 UJ	NA
Vanadium	4.5	20 U	NA	20 U	NA	**54**	NA	20 U	20 U	**27**	20 U	NA	20 U	NA	20 U	NA
Zinc	20,000 {B}*	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**55**	20 U	20 U	R	20 U
Inorganics, Unfiltered																
Cyanide, Total	200 {A,R}	**13**	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA

See generic notes pages.

TABLE 4-42

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER MONITORING WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-121WT (3.5 - 13.5') 7/18/95 FS	MW-121WT (3.5 - 13.5') 6/4/96 FS	MW-121S1 (21.5 - 26.5') 7/18/95 FS	MW-121S1 (21.5 - 26.5') 6/13/96 FS	MW-121S2 (34.8 - 39.8') 7/18/95 FS	MW-121S2 (34.8 - 39.8') 6/13/96 FS	MW-122WT (2 - 12') 7/18/95 FS	MW-122S1 (18.1 - 23.1') 7/18/95 FS	MW-122S1 (18.1 - 23.1') 6/4/96 FS	MW-122S2 (25.8 - 30.8') 7/18/95 FS	MW-122S2 (25.8 - 30.8') 6/4/96 FS	MW-123WT (3 - 8') 7/18/95 FS	MW-123S1 (15 - 20') 7/18/95 FS	MW-124WT (2 - 7') 7/19/95 FS	MW-124WT (2 - 7') 6/3/96 FS
Inorganics, Filtered																
Aluminum	240 {B,V}*	100 U	NA	100 U	NA	100 U	NA	100 U	100 U	NA	100 U	NA	100 U	100 U	100 U	100 U
Antimony	6.0 {A}	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**1.3**	5.0 U	**54**	**50**	**16**	**19**	**2.0**	**1.7**	NA	**6.5**	NA	**5.8**	**5.6**	1.0 U	5.0 U
Barium	2,000 {A}	**267**	NA	**470**	NA	**360**	NA	**215**	200 U	NA	**202**	NA	200 U	200 U	200 U	200 U
Beryllium	4.0 {A}	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	5.0 {A,B}	0.20 U	NA	0.20 U	NA	0.20 U	NA	0.20 U	0.20 U	NA	0.20 U	NA	0.20 U	0.20 U	**0.40**	0.50 U
Calcium		**162,000**	NA	**154,000**	NA	**130,000**	NA	**205,000**	**159,000**	NA	**185,000**	NA	**187,000**	**142,000**	**124,000**	**114,000**
Chromium	100 {A,B,H}	50 U	NA	50 U	NA	50 U	NA	50 U	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U
Cobalt	40	50 U	NA	50 U	NA	50 U	NA	50 U	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U
Copper	1,000 {E}	25 U	NA	25 U	NA	25 U	NA	25 U	25 U	NA	25 U	NA	25 U	25 U	25 U	25 U
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U
Iron	13,000 {B,E}*	**22,700**	**20,200 J**	**10,500**	**9,460 J**	**4,090**	**4,200 J**	**16,600**	**14,600**	**14,300 J**	**10,800**	**9,830 J**	**9,880**	**7,340**	100 U	**100 J**
Lead	6.0 {L}*	3.0 U	NA	3.0 U	NA	3.0 U	NA	3.0 U	3.0 U	NA	3.0 U	NA	3.0 U	3.0 U	**5.9**	3.0 U
Magnesium	400,000 {B}	**37,800**	NA	**47,300**	NA	**46,900**	NA	**44,700**	**41,200**	NA	**44,700**	NA	**41,300**	**42,500**	**22,300**	**19,800**
Manganese	2,100 {B,E}*	**1,120**	**840**	**181**	**155**	**69**	**51**	**939**	**860**	**766**	**939**	**352**	**361**	**361**	**438**	**57**
Mercury	2.0 {A}	0.20 U	NA	0.20 U	NA	0.20 U	NA	0.20 U	0.20 U	NA	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	NA	50 U	NA	50 U	NA	50 U	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U
Potassium		5,000 U	NA	5,000 U	NA	5,000 U	NA	5,000 U	5,000 U	NA	5,000 U	NA	5,000 U	5,000 U	5,000 U	5,000 U
Selenium	50 {A,B}	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Silver	34 {B}	0.50 U	NA	0.50 U	NA	0.50 U	NA	0.50 U	0.50 U	NA	0.50 U	NA	0.50 U	0.50 U	0.50 U	0.50 UJ
Sodium	120,000	**45,300**	**34,900**	**98,100**	**89,000**	**152,000**	**171,000**	**38,900**	**115,000**	**91,100**	**117,000**	**100,000**	**25,200**	**36,000**	5,000 U	5,000 U
Thallium	2.0 {A,B}	2.0 U	NA	2.0 U	NA	2.0 UJ	NA	2.0 UJ	2.0 UJ	NA	2.0 UJ	NA	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Vanadium	4.5	20 U	NA	20 U	NA	20 U	NA	20 U	20 U	NA	20 U	NA	20 U	20 U	20 U	20 U
Zinc	20,000 {B}*	20 U	20 U	20 U	20 U	20 U	20 U	R	20 U	20 U	R	20 U	R	R	R	20 U
Inorganics, Unfiltered																
Cyanide, Total	200 {A,R}	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	NA

See generic notes pages.

TABLE 4-42

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER MONITORING WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-124S1 (11.5 - 16.5') 7/19/95 FS	MW-124S1 (11.5 - 16.5') 6/3/96 FS	MW-125WT (2.5 - 12.5') 7/19/95 FS	MW-125WT (2.5 - 12.5') 6/4/96 FS	MW-126WT (3 - 13') 6/6/96 FS	MW-138WT (14 - 24') 7/28/95 FS	MW-138WT (14 - 24') 6/10/96 FS	MW-139WT (13 - 23') 7/30/95 FS	MW-139WT (13 - 23') 6/13/96 FS	MW-145WT (7 - 17') 7/28/95 FS	MW-145WT (7 - 17') 6/4/96 FS	MW-146WT (7 - 17') 7/28/95 FS	X-14A (2.8 - 5.8') 7/18/95 FS	X-14B (21.3 - 24.3') 7/18/95 FS	X-14CAUG (26 - 31') 7/18/95 FS
Inorganics, Filtered																
Aluminum	240 {B,V}*	100 U	100 U	100 U	100 U	100 U	**110**	100 U	100 U	100 U	**100**	100 U	100 U	100 U	100 U	100 U
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**3.6**	5.0 U	1.0 U	5.0 U	5.0 U	1.0 U	5.0 U	**7.0**	5.0 U	**3.4**	NA	**6.9**	**4.2**	**16**	**20**
Barium	2,000 {A}	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	**999**	**865**	**587**	200 U	200 U	200 U
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	5.0 {A,B}	0.20 U	0.50 U	0.20 U	0.50 U	0.50 U	0.20 UJ	0.50 U	0.20 UJ	**0.68**	0.20 UJ	NA	0.20 UJ	0.20 U	0.20 U	0.20 U
Calcium		**104,000**	**88,600**	**128,000**	**98,500**	**174,000**	**73,700**	**80,800**	**79,200**	**78,800**	**14,600**	NA	**46,700**	**156,000**	**140,000**	**130,000**
Chromium	100 {A,B,H}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U	50 U	50 U	50 U
Cobalt	40	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U	50 U	50 U	50 U
Copper	1,000 {E}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	**26**	25 U	NA	25 U	25 U	25 U	25 U
Cyanide, Total	200 {A,R}	NA	5.0 U	NA	5.0 U	5.0 UJ	NA	5.0 U	NA	5.0 U	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	**1,770**	**1,340 J**	100 U	100 UJ	**206**	100 U	100 U	**165**	100 U	**642**	**468 J**	**2,140**	**11,800**	**13,400**	**8,390**
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	NA	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	400,000 {B}	**32,900**	**31,800**	**36,300**	**28,300**	**55,400**	**78,200**	**99,500**	**81,200**	**85,900**	**46,900**	NA	**68,000**	**39,500**	**42,600**	**46,400**
Manganese	2,100 {B,E}*	**330**	**241**	**463**	**167**	**737**	**86**	**23.**	**403**	**80**	**67**	**68**	**81**	**583**	**347**	**156**
Mercury	2.0 {A}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U	50 U	50 U	50 U
Potassium		5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	**53,800**	NA	**51,400**	5,000 U	5,000 U	5,000 U
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Silver	34 {B}	0.50 U	0.50 UJ	0.50 U	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	NA	0.50 U	0.50 U	0.50 U	0.50 U
Sodium	120,000	**27,400**	**30,200**	**24,900**	**16,800**	**55,400**	**64,300**	**63,900**	**80,200**	**68,100**	**272,000**	**317,000**	**306,000**	**81,900**	**100,000**	**131,000**
Thallium	2.0 {A,B}	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	8.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	NA	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ
Vanadium	4.5	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	20 U	20 U	20 U	20 U
Zinc	20,000 {B}*	R	20 U	R	20 U	20 U	20 U	20 U	**74**	21 U	**48**	20 U	20 U	20 U	R	20 U
Inorganics, Unfiltered																
Cyanide, Total	200 {A,R}	5.0 U	NA	5.0 U	NA	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	**11**	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-42

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER MONITORING WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	X-15AR (2 - 12') 7/19/95 FS	X-15BR (35 - 40') 7/19/95 FS	X-17R (2 - 12') 7/26/95 FS	X-17R (2 - 12') 6/4/96 FS	X-17R (2 - 12') 6/4/96 DUP
Inorganics, Filtered						
Aluminum	240 {B,V}*	100 U	100 U	100 U	100 U	104 U
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**1.7**	**2.5**	1.0 UJ	5.0 U	5.0 U
Barium	2,000 {A}	200 U	200 U	200 U	200 U	200 U
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	5.0 {A,B}	0.20 U	**0.29**	0.20 UJ	0.50 UJ	0.50 UJ
Calcium		**131,000**	**91,200**	**178,000**	**184,000**	**179,000**
Chromium	100 {A,B,H}	50 U	50 U	50 U	50 U	50 U
Cobalt	40	50 U	50 U	50 U	50 U	50 U
Copper	1,000 {E}	25 U	25 U	25 U	25 U	25 U
Cyanide, Total	200 {A,R}	NA	NA	NA	5.0 U	5.0 U
Iron	13,000 {B,E}*	**114**	100 U	100 U	100 UJ	100 UJ
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	400,000 {B}	**44,500**	**40,600**	**150,000**	**118,000**	**119,000**
Manganese	2,100 {B,E}*	**71**	**181**	**25**	**92**	**117**
Mercury	2.0 {A}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	50 U	50 U	50 U	50 U
Potassium		5,000 U	5,000 U	5,000 U	5,000 U	5,000 U
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	34 {B}	0.50 U	2.5 U*	0.50 U	0.50 UJ	0.50 U
Sodium	120,000	**22,900**	**120,000**	**81,100**	**78,200**	**75,300**
Thallium	2.0 {A,B}	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Vanadium	4.5	20 U	20 U	20 U	20 U	20 U
Zinc	20,000 {B}*	R	20 U	20 U	20 U	20 U
Inorganics, Unfiltered						
Cyanide, Total	200 {A,R}	5.0 U	5.0 U	5.0 U	NA	NA

See generic notes pages.

TABLE 4-43

APPENDIX IX INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER RESIDENTIAL PERIMETER PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MW-126WT (3 - 13') 7/30/95 FS
Inorganics, Filtered		
Antimony	6.0 {A}	5.0 U
Arsenic	50 {A,B}	**5.3**
Barium	2,000 {A}	200 U
Beryllium	4.0 {A}	5.0 U
Cadmium	5.0 {A,B}	0.20 UJ
Chromium	100 {A,B,H}	50 U
Cobalt	40	50 U
Copper	1,000 {E}	25 U
Lead	6.0 {L}*	3.0 U
Mercury	2.0 {A}	0.20 U
Nickel	100 {A,B}	50 U
Selenium	50 {A,B}	5.0 U
Silver	34 {B}	0.50 U
Thallium	2.0 {A,B}	2.0 UJ
Tin		100 U
Vanadium	4.5	20 U
Zinc	20,000 {B}*	20 U
Inorganics, Unfiltered		
Cyanide, Total	200 {A,R}	5.0 U

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-1R (3 - 13') 7/20/95 FS	B-1BAUG (19.5 - 24.5') 7/20/95 FS	B-1CAUG (32 - 37') 7/20/95 FS	B-1DAUG (44 - 49') 7/20/95 FS	B-2BAUG (20 - 25') 7/29/95 FS	B-3R (16 - 26') 7/26/95 FS	B-3BAUG (22.2 - 27.2') 7/25/95 FS	B-4AR (22 - 27') 7/25/95 FS	B-4AR (22 - 27') 6/12/96 FS	B-4AR (22 - 27') 6/29/99 FS	B-4AR (22 - 27') 9/2/99 FS
Inorganics, Filtered												
Aluminum	240 {B,V}*	100 U	100 U	**131**	100 U	100 U	100 U	100 U	100 U	NA	**310 J**	**200**
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	**4.2**	**9.4**
Arsenic	50 {A,B}	**4.1**	**6.6**	**6.8**	**1.8**	**1.2**	**2.9**	**3.0**	**1.5**	NA	**5.7**	**6.1**
Barium	2,000 {A}	200 U	200 U	**202**	200 U	200 U	200 U	**216**	200 U	NA	**37**	**31**
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	1.0 U	4.0 UM
Cadmium	5.0 {A,B}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	NA	**0.87**	0.20 U
Calcium		**77,300**	**175,000**	**182,000**	**106,000**	**127,000**	**62,000**	**173,000**	**37,800**	NA	**22,000**	**22,000 J**
Chromium	100 {A,B,H}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	**8.1**	**5.2**
Cobalt	100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	20 U	20 U
Copper	1,000 {E}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	NA	20 U	7.0 U
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**81**
Iron	13,000 {B,E}*	**2,870**	**6,070**	**11,200**	**11,700**	**1,740**	**13,700**	**10,600**	100 U	100 UJ	**650**	**270**
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	NA	**9.3**	1.0 U
Magnesium	1,100,000 {B}	**30,000**	**51,800**	**46,800**	**32,500**	**26,900**	**25,400**	**45,200**	**36,400**	NA	**11,000**	**9,400 J**
Manganese	2,100 {B,E}*	**400**	**572**	**886**	**190**	**396**	**1,250**	**443**	**203**	**233**	**60**	**52**
Mercury	2.0 {A}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 UJ	NA	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	14 U	50 U
Potassium		**15,500**	5,000 U	5,000 U	**55,100**	5,000 U	**28,700**	5,000 U	**14,800**	NA	**7,800 J**	**9,400**
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	2.0 U	2.0 U
Silver	98 {B}	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 UJ	NA	0.50 UJ	**0.51 JM**
Sodium	350,000	**58,300**	**168,000**	**152,000**	**193,000**	**433,000**	**299,000**	**306,000**	**56,500**	**385,000**	**130,000 J**	**110,000 J**
Thallium	2.0 {A,B}	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	NA	1.0 U	NA
Vanadium	62	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	10 U	10 UJ
Zinc	20,000 {B,E}*	20 U	**43**	**28**	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**13**
Inorganics, Unfiltered												
Cyanide, Total	200 {A,R}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**7.9**	5.0 U	NA	**72**	NA

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-4BR (31.2 - 36.2')			B-4CAUG (48.2 - 53.2')				B-4DAUG (64.5 - 69.5')				
		7/25/95	6/5/96	9/2/99	7/25/95	6/4/96	6/29/99	9/2/99	7/25/95		6/4/96	9/2/99	
		FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS	DUP
Inorganics, Filtered													
Aluminum	240 {B,V}*	470	NA	220	1,050	NA	890 J	580	102	116	NA	200 UM	100 U
Antimony	6.0 {A}	5.0 U	NA	2.7	5.0 U	NA	2.0 U	5.1	5.0 U	5.0 U	NA	2.0 U	2.0 U
Arsenic	50 {A,B}	1.2	NA	3.4	4.5	NA	18	20	1.0 UJ	1.0 UJ	NA	1.0 U	5.0
Barium	2,000 {A}	200 U	NA	18	309	NA	300	170	269	283	NA	320	72
Beryllium	4.0 {A}	5.0 U	NA	6.0 UM	5.0 U	NA	4.0 UM	1.0 U	5.0 U	5.0 U	NA	1.0 U	1.0 U
Cadmium	5.0 {A,B}	0.20 U	NA	1.6 J	0.20 U	NA	0.27	0.20 U	0.20 UJ	0.20 UJ	NA	0.20 U	0.20 U
Calcium		133,000	NA	15,000 J	79,500	NA	91,000	67,000 J	261,000	273,000	NA	280,000 J	80,000 J
Chromium	100 {A,B,H}	50 U	NA	8.1	50 U	NA	4.8	3.1	50 U	50 U	NA	2.0 U	2.0 U
Cobalt	100	50 U	NA	20 U	50 U	NA	20 U	20 U	50 U	50 U	NA	20 U	20 U
Copper	1,000 {E}	25 U	NA	13 U	25 U	NA	20 U	5.0 U	25 U	25 U	NA	11 U	7.0 U
Cyanide, Total	200 {A,R}	NA	NA	5.0 U	NA	NA	5.0 U	5.0 U	NA	NA	NA	5.0 U	5.0 U
Iron	13,000 {B,E}*	137	769	100	106	123 J	130	47	3,410	3,580	3,350 J	2,000	540
Lead	6.0 {L}*	3.0 U	NA	1.0 U	3.9	NA	1.5	1.0 U	3.0 U	3.0 U	NA	1.0 U	1.0 U
Magnesium	1,100,000 {B}	5,000 U	NA	5,100 J	5,000 U	NA	30 U	1,000 UJ	91,500	96,200	NA	88,000 J	12,000 J
Manganese	2,100 {B,E}*	20 U	27	20 U	20 U	20 U	4.1	20 U	168	180	183	160	330
Mercury	2.0 {A}	0.20 UJ	NA	0.20 U	0.20 UJ	NA	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	NA	50 UJM	50 U	NA	110	50	50 U	50 U	NA	50 U	50 U
Potassium		8,240	NA	100 U	284,000	NA	130,000 DJ	96,000 D	8,170	7,780	NA	11,000	5,000
Selenium	50 {A,B}	5.0 U	NA	2.0 U	5.0 U	NA	2.0 U	2.0 U	5.0 U	5.0 U	NA	2.0 U	2.0 U
Silver	98 {B}	0.50 UJ	NA	0.50 UJ	0.50 UJ	NA	0.50 UJ	0.50 UJ	0.50 U	0.50 U	NA	0.50 UJ	0.50 UJ
Sodium	350,000	519,000	775,000	92,000 J	325,000	204,000	130,000 J	110,000 J	888,000	932,000	1,170,000	69,000 J	73,000 J
Thallium	2.0 {A,B}	2.0 UJ	NA	1.0 U	2.0 UJ	NA	1.0 U	1.0 U	2.0 UJ	2.0 UJ	NA	1.0 U	1.0 U
Vanadium	62	20 U	NA	10 UJ	20 U	NA	15	11 J	20 U	20 U	NA	10 UJ	10 UJ
Zinc	20,000 {B,E}*	20	28	4.2 JM	20 U	20 U	37 J	41	30	20 U	20 U	11	13
Inorganics, Unfiltered													
Cyanide, Total	200 {A,R}	5.0 U	NA	NA	5.0 U	NA	NA	NA	5.0 U	5.0 U	NA	NA	NA

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-5BAUG (35 - 40') 7/12/95 FS	B-5BAUG (35 - 40') 7/12/95 DUP	B-5CAUG (42.5 - 47.5') 7/12/95 FS	B-6R (5.5 - 15.5') 7/21/95 FS	B-6R (5.5 - 15.5') 6/6/96 FS	B-6BAUG (24.5 - 29.5') 7/21/95 FS	B-6BAUG (24.5 - 29.5') 6/6/96 FS	B-6BAUG (24.5 - 29.5') 6/6/96 DUP	B-6CAUG (32 - 37') 7/21/95 FS	B-6CAUG (32 - 37') 6/6/96 FS	B-6DAUG (44.5 - 49.5') 7/21/95 FS	B-6DAUG (44.5 - 49.5') 7/21/95 DUP	B-6DAUG (44.5 - 49.5') 6/6/96 FS
Inorganics, Filtered														
Aluminum	240 {B,V}*	100 U	**107**	**157**	R	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**1.8**	**1.6**	1.0 U	**29**	**34**	**6.3**	5.0 U	5.0 U	**1.5**	5.0 U	**4.7**	**5.4**	**5.7**
Barium	2,000 {A}	**226**	**222**	**478**	200 U	200 U	**308**	**316**	**310**	**266**	**304**	200 U	200 U	**205**
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	5.0 {A,B}	0.20 U	0.20 U	0.40 U	0.20 UJ	0.50 U	0.20 UJ	0.50 UJ	0.50 U	0.20 UJ	0.50 UJ	**0.52 J**	**15 J**	0.50 UJ
Calcium		**123,000**	**118,000**	**393,000**	**62,300**	**75,200**	**152,000**	**171,000**	**169,000**	**150,000**	**163,000**	**180,000**	**180,000**	**208,000**
Chromium	100 {A,B,H}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Cobalt	100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Copper	1,000 {E}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	5.0 UJ	NA	5.0 UJ	5.0 UJ	NA	5.0 UJ	NA	NA	5.0 UJ
Iron	13,000 {B,E}*	**6,290**	**6,100**	**13,200**	**26,000**	**26,600**	**24,600**	**29,100**	**28,700**	**16,600**	**17,600**	**6,110**	**5,990**	**6,840**
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	1,100,000 {B}	**44,300**	**43,500**	**127,000**	**16,300**	**18,900**	**47,500**	**53,600**	**52,300**	**45,400**	**48,700**	**63,200**	**63,200**	**71,300**
Manganese	2,100 {B,E}*	**365**	**348**	**502**	**879**	**950**	**548**	**615**	**601**	**393**	**477**	**111**	**118**	**119**
Mercury	2.0 {A}	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 UJ	0.20 UJ	0.20 U
Nickel	100 {A,B}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Potassium		5,000 U	5,000 U	**10,100**	**11,000**	**10,800**	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	98 {B}	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Sodium	350,000	**259,000**	**257,000**	**1,860,000**	**107,000**	**94,300**	**92,700**	**102,000**	**101,000**	**84,900**	**93,900**	**429,000**	**433,000**	**484,000**
Thallium	2.0 {A,B}	2.0 UJ	2.0 UJ	4.0 UJ*	2.0 UJ	2.0 UJ	2.0 UJ	4.0 UJ	4.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	8.0 UJ
Vanadium	62	20 U	20 U	**35**	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Zinc	20,000 {B,E}*	20 U	20 U	20 U	R	20 U	20 U	20 U	20 U	R	20 U	R	R	20 U
Inorganics, Unfiltered														
Cyanide, Total	200 {A,R}	5.0 U	5.0 U	5.0 U	5.0 U	NA	**5.4**	NA	NA	5.0 U	NA	5.0 U	5.0 U	NA

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-1B (20 - 25') 7/15/95 FS	MW-1CAUG (37.5 - 42.5') 7/15/95 FS	MW-2A (4 - 14') 7/27/95 FS	MW-2B (36 - 46') 7/27/95 FS	MW-2CAUG (24 - 29') 7/27/95 FS	MW-3A (2.5 - 12.5') 7/27/95 FS	MW-3B (23 - 28') 7/27/95 FS	MW-115WT (2.5 - 7.5') 7/15/95 FS	MW-115WT (2.5 - 7.5') 6/7/96 FS	MW-115S1 (20 - 25') 7/15/95 FS	MW-115S1 (20 - 25') 6/7/96 FS	MW-115S2 (32.5 - 37.5') 7/15/95 FS	MW-115S2 (32.5 - 37.5') 6/7/96 FS
Inorganics, Filtered														
Aluminum	240 {B,V}*	100 U	100 U	100 U	100 U	100 U	100 U	**114**	100 U	NA	100 U	NA	**118**	NA
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA
Arsenic	50 {A,B}	**2.2**	**1.3**	1.0 UJ	**1.4**	1.0 U	**8.2**	**13**	**4.6**	NA	**5.2**	NA	1.0 U	NA
Barium	2,000 {A}	200 U	200 U	200 U	200 U	**259**	200 U	**207**	200 U	NA	200 U	NA	**219**	NA
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA
Cadmium	5.0 {A,B}	**0.84**	0.20 U	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	NA	0.20 U	NA	0.20 U	NA
Calcium		**114,000**	**129,000**	**81,500**	**98,700**	**119,000**	**145,000**	**187,000**	**53,000**	NA	**62,300**	NA	**107,000**	NA
Chromium	100 {A,B,H}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U	NA	50 U	NA
Cobalt	100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U	NA	50 U	NA
Copper	1,000 {E}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	NA	25 U	NA	25 U	NA
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	**9,590 J**	**3,990 J**	**7,260**	**1,380**	**3,870**	**10,200**	**14,000**	**1,260 J**	**2,560**	**2,870 J**	**2,860**	**1,460 J**	**1,630**
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	NA	3.0 U	NA	3.0 U	NA
Magnesium	1,100,000 {B}	**38,300**	**48,200**	**19,200**	**36,000**	**34,400**	**34,000**	**54,100**	**9,960**	NA	**14,500**	NA	**36,100**	NA
Manganese	2,100 {B,E}*	**463**	**148**	**421**	**123**	**143**	**391**	**242**	**1,060**	**1,270**	**550**	**495**	**220**	**208**
Mercury	2.0 {A}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.20 U	NA	0.20 U	NA
Nickel	100 {A,B}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U	NA	50 U	NA
Potassium		5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	NA	5,000 U	NA	5,000 U	NA
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA
Silver	98 {B}	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	NA	0.50 U	NA	0.50 U	NA
Sodium	350,000	**115,000**	**233,000**	**48,500**	**270,000**	**207,000**	**107,000**	**127,000**	**29,100**	**43,200**	**32,200**	**32,500**	**268,000**	**278,000**
Thallium	2.0 {A,B}	2.0 U	2.0 UJ	2.0 U	2.0 UJ	2.0 U	2.0 U	2.0 U	2.0 U	NA	2.0 U	NA	2.0 UJ	NA
Vanadium	62	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	20 U	NA	20 U	NA
Zinc	20,000 {B,E}*	R	20 U	20 U	**63**	20 U	20 U	20 U	20 U	20 U	20 U	**64**	R	20 U
Inorganics, Unfiltered														
Cyanide, Total	200 {A,R}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-115S3 (41.5 - 46.5')		MW-116WT (2 - 7')		MW-116S1 (27 - 32')		MW-116S2 (2 - 12')		MW-117WT (3 - 13')		
		7/15/95 FS	6/7/96 FS	7/15/95 FS	6/7/96 FS	7/15/95 FS	6/7/96 FS	7/15/95 FS	6/7/96 FS	6/20/95 FS	6/11/96 FS	5/19/00 FS
Inorganics, Filtered												
Aluminum	240 {B,V}*	**478**	NA	100 U	NA	100 U	NA	100 U	NA	**350**	100 U	100 U
Antimony	6.0 {A}	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**1.2**	NA	**18**	NA	**2.1**	NA	**9.9**	NA	**1.3**	NA	10 U
Barium	2,000 {A}	200 U	NA	**253**	NA	**594**	NA	**504**	NA	**2,210**	**2,520**	**3,580**
Beryllium	4.0 {A}	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	4.0 U
Cadmium	5.0 {A,B}	0.20 U	NA	0.20 U	NA	0.20 U	NA	0.20 U	NA	0.20 U	NA	1.0 U
Calcium		**95,500**	NA	**228,000**	NA	**169,000**	NA	**114,000**	NA	**1,340,000 J**	NA	**1,200,000**
Chromium	100 {A,B,H}	50 U	NA	50 U	NA	50 U	NA	50 U	NA	50 U	NA	5.0 U
Cobalt	100	50 U	NA	50 U	NA	50 U	NA	50 U	NA	50 U	NA	40 U
Copper	1,000 {E}	**39**	NA	25 U	NA	25 U	NA	25 U	NA	25 U	NA	25 U
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U
Iron	13,000 {B,E}*	**1,560 J**	**1,390**	**9,520 J**	**9,000**	**11,100 J**	**10,900**	**4,420 J**	**5,520**	**100,000**	**124,000**	**149,000**
Lead	6.0 {L}*	3.0 U	NA	3.0 U	NA	3.0 U	NA	3.0 U	NA	3.0 UJ	3.0 U	3.0 U
Magnesium	1,100,000 {B}	**37,000**	NA	**51,100**	NA	**51,000**	NA	**41,100**	NA	**485,000**	**545,000**	**593,000**
Manganese	2,100 {B,E}*	**177**	**181**	**1,500**	**1,520**	**437**	**413**	**81**	**64**	**5,130**	**5,190**	**5,510**
Mercury	2.0 {A}	0.20 U	NA	0.20 U	NA	0.20 U	NA	0.20 U	NA	0.20 UJ	NA	0.20 U
Nickel	100 {A,B}	50 U	NA	50 U	NA	50 U	NA	50 U	NA	50 U	50 U	**23 B**
Potassium		5,000 U	NA	**10,400**	NA	5,000 U	NA	5,000 U	NA	**6,960**	NA	**41,300**
Selenium	50 {A,B}	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 UJ	NA	5.0 U
Silver	98 {B}	0.50 U	NA	0.50 U	NA	0.50 U	NA	0.50 U	NA	0.50 U	NA	5.0 U
Sodium	350,000	**285,000**	**335,000**	**199,000**	**207,000**	**91,800**	**90,000**	**230,000**	**254,000**	**463,000**	**499,000**	**590,000**
Thallium	2.0 {A,B}	2.0 UJ	NA	2.0 UJ	NA	2.0 UJ	NA	2.0 U	NA	4.0 UJ	NA	**18**
Vanadium	62	20 U	NA	20 U	NA	20 U	NA	20 U	NA	20 U	NA	50 U
Zinc	20,000 {B,E}*	20 U	20 U	20 U	20 U	R	20 U	20 U	20 U	R	20 U	20 U
Inorganics, Unfiltered												
Cyanide, Total	200 {A,R}	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	NA

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-117S1 (24.2 - 29.2')			MW-117S2 (35 - 40')		MW-118WT (1.6 - 11.6')			MW-118S1 (23.5 - 28.5')			
		6/20/95 FS	6/11/96 FS	5/19/00 FS	6/20/95 FS	6/11/96 FS	6/20/95 FS	6/11/96 FS	5/17/00 FS	6/20/95 FS	6/11/96 FS	5/17/00 FS	5/17/00 DUP
Inorganics, Filtered													
Aluminum	240 {B,V}*	**117**	**120**	100 U	**117**	100 U	**563**	100 U	100 U	**219**	100 U	100 U	100 U
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**1.2**	NA	10 U	**8.2**	NA	**1.0**	NA	10 U	**1.8**	NA	10 U	10 U
Barium	2,000 {A}	**1,410**	**1,670**	**1,720**	**614**	**852**	**1,970**	**2,420**	**7,970**	**482**	**532**	**593**	**612**
Beryllium	4.0 {A}	5.0 U	NA	4.0 U	5.0 U	NA	5.0 U	NA	4.0 U	5.0 U	NA	4.0 U	4.0 U
Cadmium	5.0 {A,B}	0.20 U	NA	1.0 U	0.20 U	NA	0.20 U	NA	**1.5**	0.20 U	NA	1.0 U	1.0 U
Calcium		**133,000 J**	NA	**163,000**	**99,300 J**	NA	**1,950,000 J**	NA	**4,890,000**	**120,000 J**	NA	**156,000**	**156,000**
Chromium	100 {A,B,H}	50 U	NA	5.0 U	50 U	NA	50 U	NA	5.0 U	50 U	NA	5.0 U	5.0 U
Cobalt	100	50 U	NA	40 U	50 U	NA	50 U	NA	40 U	50 U	NA	40 U	40 U
Copper	1,000 {E}	25 U	NA	25 U	25 U	NA	25 U	NA	25 U	25 U	NA	25 U	25 U
Cyanide, Total	200 {A,R}	NA	NA	5.0 U	NA	NA	NA	NA	5.0 U	NA	NA	5.0 U	5.0 U
Iron	13,000 {B,E}*	**5,780**	**8,260**	**8,730**	**3,440**	**7,300**	**71,500**	**93,100**	**261,000**	**2,500**	**5,390**	**6,090**	**6,150**
Lead	6.0 {L}*	3.0 UJ	3.0 U	3.0 U	3.0 UJ	3.0 U	3.0 UJ	3.0 U	3.0 U	3.0 UJ	3.0 U	3.0 U	3.0 U
Magnesium	1,100,000 {B}	**42,500**	**50,400**	**52,100**	**36,200**	**50,800**	**372,000**	**457,000**	**1,330,000**	**38,100**	**47,000**	**49,300**	**49,800**
Manganese	2,100 {B,E}*	**347**	**330**	**341**	**130**	**93**	**5,460**	**5,390**	**8,930**	**347**	**383**	**420**	**415**
Mercury	2.0 {A}	0.20 UJ	NA	0.20 U	0.20 UJ	NA	0.20 UJ	NA	0.20 U	0.20 UJ	NA	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	50 U	40 U	50 U	50 U	50 U	50 U	**18 B**	50 U	50 U	40 U	40 U
Potassium		5,000 U	NA	**2,330 B**	**36,700**	NA	5,000 U	NA	**16,800**	5,000 U	NA	**2,170 B**	**2,180 B**
Selenium	50 {A,B}	5.0 UJ	NA	5.0 U	5.0 UJ	NA	5.0 UJ	NA	5.0 U	5.0 UJ	NA	5.0 U	5.0 U
Silver	98 {B}	0.50 U	NA	5.0 U	0.50 U	NA	0.50 U	NA	5.0 U	0.50 U	NA	5.0 U	5.0 U
Sodium	350,000	**101,000**	**108,000**	**120,000**	**163,000**	**168,000**	**175,000**	**229,000**	**647,000**	**97,300**	**112,000**	**121,000**	**122,000**
Thallium	2.0 {A,B}	2.0 UJ	NA	**5.0 B**	2.0 UJ	NA	2.0 UJ	NA	**27**	2.0 UJ	NA	**8.1 B**	**5.4 B**
Vanadium	62	20 U	NA	50 U	20 U	NA	20 U	NA	50 U	20 U	NA	50 U	50 U
Zinc	20,000 {B,E}*	R	20 U	20 U	R	20 U	R	22 U	**18 B**	R	36 U	20 U	20 U
Inorganics, Unfiltered													
Cyanide, Total	200 {A,R}	5.0 U	NA	NA	5.0 U	NA	5.0 U	NA	NA	5.0 U	NA	NA	NA

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-118S2 (38.5 - 43.5')			MW-119WT (2 - 12')			MW-119S1 (24 - 29')		MW-119S2 (36.5 - 41.5')		MW-120WT (4 - 14')	
		6/20/95		6/11/96	7/17/95	6/10/96		7/17/95	6/10/96	7/17/95	6/10/96	7/18/95	6/11/96
		FS	DUP	FS	FS	FS	DUP	FS	FS	FS	FS	FS	FS
Inorganics, Filtered													
Aluminum	240 {B,V}*	**227**	**175**	100 U	100 U	NA	NA	100 U	NA	100 U	NA	100 U	NA
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA
Arsenic	50 {A,B}	**8.4**	**8.7**	NA	1.0 U	NA	NA	**11**	NA	**27**	NA	1.0 U	5.0 U
Barium	2,000 {A}	**241**	**255**	**221**	**337**	NA	NA	**669**	NA	**648**	NA	**331**	NA
Beryllium	4.0 {A}	5.0 U	5.0 U	NA	5.0 U	NA	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA
Cadmium	5.0 {A,B}	0.20 U	0.20 U	NA	0.20 U	NA	NA	0.20 U	NA	0.20 U	NA	0.20 U	NA
Calcium		**104,000 J**	**112,000 J**	NA	**275,000**	NA	NA	**152,000**	NA	**111,000**	NA	**208,000**	NA
Chromium	100 {A,B,H}	50 U	50 U	NA	50 U	NA	NA	50 U	NA	50 U	NA	50 U	NA
Cobalt	100	50 U	50 U	NA	50 U	NA	NA	50 U	NA	50 U	NA	50 U	NA
Copper	1,000 {E}	25 U	25 U	NA	25 U	NA	NA	25 U	NA	25 U	NA	25 U	NA
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	**1,890**	**2,020**	**2,450**	**13,700**	**14,700 J**	**14,600 J**	**9,740**	**9,200 J**	**4,580**	**6,510 J**	**17,300**	**15,500**
Lead	6.0 {L}*	3.0 UJ	3.0 UJ	3.0 U	3.0 U	NA	NA	3.0 U	NA	3.0 U	NA	3.0 U	NA
Magnesium	1,100,000 {B}	**38,700**	**40,800**	**44,100**	**77,100**	NA	NA	**42,500**	NA	**36,400**	NA	**56,800**	NA
Manganese	2,100 {B,E}*	**80**	**93**	**76**	**1,000**	**1,010 J**	**1,010 J**	**297**	**266 J**	**117**	**99 J**	**856**	**741**
Mercury	2.0 {A}	0.20 UJ	0.20 UJ	NA	0.20 U	NA	NA	0.20 U	NA	0.20 U	NA	0.20 U	NA
Nickel	100 {A,B}	50 U	50 U	50 U	50 U	NA	NA	50 U	NA	50 U	NA	50 U	NA
Potassium		5,000 U	5,000 U	NA	5,000 U	NA	NA	5,000 U	NA	5,000 U	NA	5,000 U	NA
Selenium	50 {A,B}	5.0 UJ	5.0 UJ	NA	5.0 U	NA	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA
Silver	98 {B}	0.50 U	**0.50**	NA	2.5 U*	NA	NA	0.50 UW	NA	0.50 UJ	NA	0.50 U	NA
Sodium	350,000	**198,000**	**204,000**	**201,000**	**77,000**	**80,600**	**80,000**	**95,700**	**91,300**	**187,000**	**213,000**	**65,300**	**55,500**
Thallium	2.0 {A,B}	2.0 UJ	2.0 UJ	NA	2.0 U	NA	NA	2.0 UW	NA	2.0 U	NA	2.0 U	NA
Vanadium	62	20 U	20 U	NA	20 U	NA	NA	20 U	NA	20 U	NA	20 U	NA
Zinc	20,000 {B,E}*	20 U	R	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**38**	20 U	20 U
Inorganics, Unfiltered													
Cyanide, Total	200 {A,R}	5.0 U	5.0 U	NA	5.0 U	NA	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-120S1 (23.8 - 28.8')			MW-120S2 (36 - 41')			MW-127WT (2 - 12')	MW-127S1 (16.5 - 21.5')	MW-128WT (3 - 13')		MW-128S1 (18.5 - 23.5')	
		7/18/95	6/11/96		7/18/95		6/11/96	7/26/95	7/26/95	7/26/95	5/19/00	7/26/95	5/19/00
		FS	FS	DUP	FS	DUP	FS	FS	FS	FS	FS	FS	FS
Inorganics, Filtered													
Aluminum	240 {B,V}*	100 U	NA	NA	100 U	100 U	NA	100 U	100 U	**448**	100 U	**502**	100 U
Antimony	6.0 {A}	5.0 U	NA	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**51**	**50**	**49**	**31**	**28**	**26**	**11**	**16**	**3.7**	**5.1 B**	**17**	**18**
Barium	2,000 {A}	**790**	NA	NA	**693**	**675**	NA	200 U	200 U	**628**	**142**	**936**	**820**
Beryllium	4.0 {A}	5.0 U	NA	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	4.0 U	5.0 U	4.0 U
Cadmium	5.0 {A,B}	0.20 U	NA	NA	0.20 U	0.20 U	NA	0.20 UJ	0.20 UJ	0.20 UJ	1.0 U	0.20 UJ	1.0 U
Calcium		**164,000**	NA	NA	**142,000**	**138,000**	NA	**153,000**	**148,000**	**360,000**	**217,000**	**442,000**	**398,000**
Chromium	100 {A,B,H}	50 U	NA	NA	50 U	50 U	NA	50 U	50 U	50 U	**1.7 B**	50 U	**4.2 B**
Cobalt	100	50 U	NA	NA	50 U	50 U	NA	50 U	50 U	50 U	**1.7 B**	50 U	**4.3 B**
Copper	1,000 {E}	25 U	NA	NA	25 U	25 U	NA	25 U	25 U	25 U	25 U	25 U	25 U
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	5.0 U
Iron	13,000 {B,E}*	**7,840**	**7,160**	**7,140**	**4,980**	**4,900**	**3,890**	**14,500**	**9,690**	**24,500**	**20,100**	**31,900**	**22,000**
Lead	6.0 {L}*	3.0 U	NA	NA	3.0 U	3.0 U	NA	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	1,100,000 {B}	**49,500**	NA	NA	**46,600**	**44,900**	NA	**31,300**	**44,700**	**115,000**	**54,600**	**170,000**	**145,000**
Manganese	2,100 {B,E}*	**131**	**112**	**113**	**120**	**114**	**78**	**327**	**232**	**918**	**2,170**	**437**	**339**
Mercury	2.0 {A}	0.20 U	NA	NA	0.20 U	0.20 U	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	NA	NA	50 U	50 U	NA	50 U	50 U	50 U	**15 B**	50 U	**26 B**
Potassium		5,000 U	NA	NA	5,000 U	5,000 U	NA	5,000 U	5,000 U	**5,420**	**33,900**	5,000 U	**7,750**
Selenium	50 {A,B}	5.0 U	NA	NA	5.0 U	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	98 {B}	0.50 UJ	NA	NA	0.50 U	0.50 U	NA	0.50 U	0.50 U	0.50 U	5.0 U	0.50 U	5.0 U
Sodium	350,000	**116,000**	**99,200**	**99,800**	**182,000**	**174,000**	**554,000**	**19,700**	**64,800**	**720,000**	**331,000**	**582,000**	**515,000**
Thallium	2.0 {A,B}	2.0 U	NA	NA	2.0 UJ	2.0 UJ	NA	2.0 UJ	2.0 UJ	8.0 UJ*	**6.9 B**	8.0 UJ*	**6.2 B**
Vanadium	62	20 U	NA	NA	20 U	20 U	NA	20 U	20 U	20 U	50 U	20 U	50 U
Zinc	20,000 {B,E}*	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**31**	20 U	**24**	20 U
Inorganics, Unfiltered													
Cyanide, Total	200 {A,R}	5.0 U	NA	NA	5.0 U	**17**	NA	5.0 U	5.0 U	**8.8**	NA	**8.3**	NA

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-129WT (2 - 12')		MW-130WT (3 - 13')		MW-130S1 (26 - 31')		MW-130S2 (36 - 41')		MW-130S3 (46 - 51')		MW-131WT (2 - 12')	MW-131S1 (42.5 - 45')
		7/28/95 FS	6/12/96 FS	7/20/95 FS	6/6/96 FS	7/20/95 FS	6/6/96 FS	7/20/95 FS	6/6/96 FS	7/20/95 FS	6/6/96 FS	7/27/95 FS	7/27/95 FS
Inorganics, Filtered													
Aluminum	240 {B,V}*	100 U	100 U	100 U	NA	100 U	NA	100 U	NA	100 U	NA	100 U	100 U
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U
Arsenic	50 {A,B}	**22**	**7.3**	**6.6**	NA	**23**	NA	**6.2**	NA	**22**	NA	1.0 U	**3.6**
Barium	2,000 {A}	200 U	200 U	**373**	NA	**316**	NA	**350**	NA	200 U	NA	200 U	**595**
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U
Cadmium	5.0 {A,B}	0.20 UJ	0.50 U	0.20 UJ	NA	0.20 UJ	NA	0.20 U	NA	0.20 U	NA	0.20 UJ	0.20 UJ
Calcium		**225,000**	**195,000**	**92,900**	NA	**184,000**	NA	**167,000**	NA	**141,000**	NA	**55,400**	**114,000**
Chromium	100 {A,B,H}	50 U	50 U	50 U	NA	50 U	NA	50 U	NA	50 U	NA	50 U	50 U
Cobalt	100	50 U	50 U	50 U	NA	50 U	NA	50 U	NA	50 U	NA	50 U	50 U
Copper	1,000 {E}	25 U	25 U	25 U	NA	25 U	NA	25 U	NA	25 U	NA	25 U	25 U
Cyanide, Total	200 {A,R}	NA	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	**4,210**	**2,960 J**	**37,800**	**36,400**	**28,300**	**28,000**	**18,400**	**20,100**	**10,000**	**10,100**	**120**	**6,040**
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	NA	3.0 U	NA	3.0 U	NA	3.0 U	NA	3.0 U	3.0 U
Magnesium	1,100,000 {B}	**66,900**	**46,300**	**40,700**	NA	**58,300**	NA	**50,700**	NA	**47,300**	NA	**7,920**	**38,600**
Manganese	2,100 {B,E}*	**485**	**680**	**711**	**717**	**438**	**428**	**285**	**320**	**64**	**60**	**518**	**153**
Mercury	2.0 {A}	0.20 UJ	0.20 U	0.20 UJ	NA	0.20 UJ	NA	0.20 UJ	NA	0.20 UJ	NA	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	50 U	50 U	NA	50 U	NA	50 U	NA	50 U	NA	50 U	50 U
Potassium		5,000 U	5,000 U	**52,700**	NA	5,000 U	NA	5,000 U	NA	**20,300**	NA	5,000 U	5,000 U
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U
Silver	98 {B}	0.50 U	0.50 UJ	0.50 UJ	NA	0.50 U	NA	0.50 UJ	NA	0.50 UJ	NA	0.50 U	0.50 U
Sodium	350,000	**182,000**	**229,000**	**589,000**	**633,000**	**78,000**	**80,600**	**131,000**	**137,000**	**187,000**	**182,000**	**26,000**	**153,000**
Thallium	2.0 {A,B}	2.0 UJ	4.0 UJ	2.0 UJ	NA	2.0 UJ	NA	2.0 UJ	NA	2.0 UJ	NA	2.0 U	2.0 U
Vanadium	62	20 U	20 U	20 U	NA	20 U	NA	20 U	NA	20 U	NA	20 U	20 U
Zinc	20,000 {B,E}*	20 U	20 U	20 U	**31**	20 U	20 U	**48**	20 U	**45**	20 U	20 U	20 U
Inorganics, Unfiltered													
Cyanide, Total	200 {A,R}	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.1 U	5.0 U

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-131S2 (49.5 - 52') 7/27/95 FS	MW-131S2 (49.5 - 52') 7/27/95 DUP	MW-132WT (4 - 14') 7/21/95 FS	MW-132WT (4 - 14') 6/6/96 FS	MW-132S1 (22 - 27') 7/21/95 FS	MW-132S1 (22 - 27') 6/7/96 FS	MW-133WT (4 - 14') 7/20/95 FS	MW-133S1 (37 - 42') 7/20/95 FS	MW-133S2 (49 - 54') 7/20/95 FS	MW-133S2 (49 - 54') 7/20/95 DUP	MW-134WT (4 - 9') 7/20/95 FS	MW-134S1 (34 - 39') 7/20/95 FS	MW-134S2 (46.7 - 51.7') 7/20/95 FS
Inorganics, Filtered														
Aluminum	240 {B,V}*	**166**	100 U	100 U	NA	R	NA	100 U	100 U	**137**	100 U	100 U	**111**	**107**
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**16**	**15**	**28**	NA	**12**	NA	**5.1**	**1.6**	**2.1**	**1.4**	**6.7**	**1.6**	**3.7**
Barium	2,000 {A}	200 U	200 U	200 U	NA	200 U	NA	200 U	**279**	**309**	**301**	200 U	**213**	**369**
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	5.0 {A,B}	0.20 UJ	0.20 UJ	0.20 UJ	NA	0.20 UJ	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Calcium		**157,000**	**162,000**	**110,000**	NA	**76,800**	NA	**77,800**	**130,000**	**249,000**	**243,000**	**34,700**	**140,000**	**385,000**
Chromium	100 {A,B,H}	50 U	50 U	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Cobalt	100	50 U	50 U	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Copper	1,000 {E}	25 U	25 U	25 U	NA	25 U	NA	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	**4,510**	**4,520**	**6,310**	**1,560**	**3,910**	**4,920**	**1,580**	**6,660**	**5,380**	**5,130**	**3,040**	**5,750**	**9,880**
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	NA	3.0 U	NA	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	1,100,000 {B}	**59,000**	**60,400**	**30,800**	NA	**27,200**	NA	**16,500**	**47,400**	**87,700**	**85,800**	**10,300**	**50,400**	**139,000**
Manganese	2,100 {B,E}*	**148**	**152**	**399**	**202**	**179**	**222**	**461**	**292**	**285**	**281**	**512**	**383**	**266**
Mercury	2.0 {A}	0.20 U	0.20 U	0.20 UJ	NA	0.20 UJ	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Nickel	100 {A,B}	50 U	50 U	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Potassium		**10,800**	**11,000**	5,000 U	NA	**8,080**	NA	**13,800**	5,000 U	**5,400**	**5,710**	**27,600**	5,000 U	**6,570**
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	98 {B}	0.50 U	0.50 U	0.50 UJ	NA	0.50 UJ	NA	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Sodium	350,000	**362,000**	**371,000**	**86,200**	**37,000**	**59,600**	**61,700**	**651,000**	**279,000**	**616,000**	**599,000**	**242,000**	**193,000**	**1,140,000**
Thallium	2.0 {A,B}	2.0 UJ	2.0 UJ	2.0 UJ	NA	2.0 UJ	NA	2.0 UJ	2.0 UJ	4.0 UJ*	4.0 UJ*	2.0 UJ	2.0 UJ	4.0 UJ*
Vanadium	62	20 U	20 U	20 U	NA	20 U	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Zinc	20,000 {B,E}*	20 U	20 U	R	20 U	R	**21**	20 U	20 U	20 U	20 U	R	20 U	20 U
Inorganics, Unfiltered														
Cyanide, Total	200 {A,R}	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-135WT (5 - 15') 7/21/95 FS	MW-135S1 (23.7 - 28.7') 7/21/95 FS	MW-135S2 (32 - 37') 7/21/95 FS	MW-135S3 (42.5 - 47.5') 7/21/95 FS	MW-136WT (13 - 23') 7/20/95 FS	MW-136S1 (37 - 42') 7/20/95 FS	MW-136S2 (44 - 49') 7/20/95 FS	MW-137WT (4 - 14') 7/28/95 FS	MW-140WT (11 - 21') 7/20/95 FS	MW-140WT (11 - 21') 6/5/96 FS	MW-140S1 (28.5 - 33.5') 7/20/95 FS	MW-140S1 (28.5 - 33.5') 6/5/96 FS
Inorganics, Filtered													
Aluminum	240 {B,V}*	100 U	100 U	100 U	100 U	100 U	100 U	100 U	**126**	**116**	NA	100 U	NA
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA
Arsenic	50 {A,B}	**1.9**	**17**	**4.6**	**3.5**	**2.1**	**1.6**	**1.2**	**9.1**	**19**	NA	**10**	NA
Barium	2,000 {A}	200 U	200 U	200 U	200 U	**1,160**	200 U	**276**	200 U	**236**	NA	**284**	NA
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA
Cadmium	5.0 {A,B}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	NA	0.20 UJ	NA
Calcium		**38,700**	**123,000**	**61,600**	**56,000**	**28,700**	**119,000**	**199,000**	**22,300**	**330,000**	NA	**198,000**	NA
Chromium	100 {A,B,H}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U	NA
Cobalt	100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U	NA
Copper	1,000 {E}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	NA	25 U	NA
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	**4,280**	**9,180**	**4,140**	**1,930**	**3,020**	**7,060**	**6,370**	100 U	**29,300**	**20,700**	**33,200**	**37,400**
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	NA	3.0 U	NA
Magnesium	1,100,000 {B}	**8,150**	**41,600**	**18,200**	**17,300**	**39,200**	**36,300**	**66,900**	5,000 U	**92,500**	NA	**50,400**	NA
Manganese	2,100 {B,E}*	**309**	**161**	**124**	**75**	**47**	**347**	**351**	20 U	**1,890**	**2,130**	**762**	**830**
Mercury	2.0 {A}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 UJ	NA	0.20 UJ	NA
Nickel	100 {A,B}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U	NA
Potassium		**10,800**	5,000 U	5,000 U	5,000 U	**49,000**	5,000 U	**5,440**	**20,900**	**8,900**	NA	5,000 U	NA
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA
Silver	98 {B}	0.50 UJ	0.50 UJ	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 UJ	NA	0.50 UJ	NA
Sodium	350,000	**305,000**	**146,000**	**117,000**	**125,000**	**296,000**	**152,000**	**380,000**	**796,000**	**281,000**	**384,000**	**143,000**	**138,000**
Thallium	2.0 {A,B}	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	NA	2.0 UJ	NA
Vanadium	62	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**34**	20 U	NA	20 U	NA
Zinc	20,000 {B,E}*	20 U	R	R	R	20 U	**32**	20 U	20 U	**35**	20 U	**40**	20 U
Inorganics, Unfiltered													
Cyanide, Total	200 {A,R}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-140S2 (45.5 - 50.5') 7/20/95 FS	MW-140S2 (45.5 - 50.5') 6/5/96 FS	MW-142WT (3 - 13') 7/30/95 FS	MW-142WT (3 - 13') 6/11/96 FS	MW-143WT (6 - 16') 7/25/95 FS	MW-144WT (2 - 12') 7/29/95 FS	MW-144WT (2 - 12') 7/29/95 DUP	MW-147WT (5 - 15') 7/30/95 FS	MW-150WT (3 - 13') 6/13/96 FS	MW-150WT (3 - 13') 6/13/96 DUP	MW-151WT (6 - 16') 10/20/95 FS
Inorganics, Filtered												
Aluminum	240 {B,V}*	**156**	NA	100 U	**148**	100 U	100 U	R	100 U	100 U	100 U	**192**
Antimony	6.0 {A}	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**1.2**	NA	**4.1**	5.0 U	1.0 UJ	**5.5**	**5.8**	**36**	5.0 U	5.0 U	**15**
Barium	2,000 {A}	**682**	NA	**7,650**	**511**	200 U	**281**	**314**	**213**	200 U	200 U	200 U
Beryllium	4.0 {A}	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	5.0 {A,B}	0.20 UJ	NA	0.20 UJ	0.50 U	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.50 UJ	0.50 U	0.20 U
Calcium		**703,000**	NA	**87,800**	**92,400**	**55,600**	**156,000**	**170,000**	**183,000**	**178,000**	**171,000**	**196,000**
Chromium	100 {A,B,H}	50 U	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Cobalt	100	50 U	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Copper	1,000 {E}	25 U	NA	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Cyanide, Total	200 {A,R}	NA	NA	NA	**32**	NA	NA	NA	NA	5.0 U	5.0 U	NA
Iron	13,000 {B,E}*	**21,800**	**20,400**	**2,870**	**7,420**	**657**	**16,400**	**18,600**	**11,400**	**6,850 J**	**6,010 J**	**8,310**
Lead	6.0 {L}*	3.0 U	NA	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	1,100,000 {B}	**220,000**	NA	**12,300**	**30,800**	**26,400**	**78,300**	**87,000**	**46,900**	**36,600**	**36,500**	**17,000**
Manganese	2,100 {B,E}*	**968**	**1,030**	**499**	**4,080**	**310**	**617**	**686**	**2,510**	**1,930**	**1,850**	**2,170**
Mercury	2.0 {A}	0.20 UJ	NA	0.20 UJ	0.20 U	0.20 U	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	NA	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Potassium		**17,200**	NA	**15,300**	**15,700**	**27,200**	**117,000**	**128,000**	**8,950**	**12,800**	**14,400**	**10,500**
Selenium	50 {A,B}	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	98 {B}	0.50 U	NA	0.50 U	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 UJ	0.50 U
Sodium	350,000	**3,190,000**	**3,350,000**	**2,150,000**	**674,000**	**275,000**	**305,000**	**333,000**	**178,000**	**84,500**	**88,800**	**81,500**
Thallium	2.0 {A,B}	8.0 UJ*	NA	4.0 UJ*	10 UJ	2.0 UJ	4.0 UJ*	4.0 UJ*	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UW
Vanadium	62	20 U	NA	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Zinc	20,000 {B,E}*	20 U	20 U	20 U	22 U	20 U	20 U	20 U	20 U	35 U	20 U	20 U
Inorganics, Unfiltered												
Cyanide, Total	200 {A,R}	5.0 U	NA	**100**	NA	5.0 U	5.0 U	5.0 U	5.0 U	NA	NA	5.0 U

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-152WT (6 - 16')		MW-153WT (6 - 16')		MW-154WT (6 - 16')		MW-155WT (6 - 16')	MW-156WT (6 - 16')		TWW-1		
		10/20/95	6/5/96	10/20/95	6/7/96	10/19/95	6/13/96	10/19/95	10/20/95		1/25/97	5/21/00	
		FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS	FS (N)
Inorganics, Filtered													
Aluminum	240 {B,V}*	**104**	100 U	**152**	151 U	**125**	100 U	**148**	100 U	**115**	*100 U*	100 U	100 U
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	**2.1 B**	5.0 U
Arsenic	50 {A,B}	**5.5**	5.0 U	**51**	**39**	**25**	5.0 U	**23**	**23**	**28**	*5.0 U*	10 U	10 U
Barium	2,000 {A}	200 U	**333**	**203**	200 U	200 U	200 U	**208**	200 U	200 U	*200 UL*	**145**	**146**
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	4.0 U	4.0 U
Cadmium	5.0 {A,B}	0.20 U	0.50 U	0.20 U	0.50 UJ	0.20 U	0.50 U	0.20 U	0.20 U	0.20 U	*0.50 U*	1.0 U	1.0 U
Calcium		**148,000**	**359,000**	**183,000**	**153,000**	**96,000**	**73,900**	**166,000**	**81,200**	**82,900**	***318,000***	**251,000**	**249,000**
Chromium	100 {A,B,H}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	*50 U*	5.0 U	5.0 U
Cobalt	100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	*50 U*	10 U	10 U
Copper	1,000 {E}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	*25 U*	25 U	25 U
Cyanide, Total	200 {A,R}	NA	5.0 U	NA	5.0 UJ	NA	**53**	NA	NA	NA	*10 U*	NA	
Iron	13,000 {B,E}*	**2,620**	**5,870**	**9,500**	**9,170**	**3,310**	**1,360**	**7,280**	**2,340**	**2,370**	***110***	127 U	100 U
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	*3.0 U*	3.0 U	3.0 U
Magnesium	1,100,000 {B}	**26,700**	**81,200**	**44,600**	**42,500**	**22,100**	**19,800**	**39,600**	**28,500**	**28,800**	***104,000***	**85,100**	**84,400**
Manganese	2,100 {B,E}*	**1,580**	**4,370**	**1,210**	**718**	**532**	**217**	**1,150**	**315**	**324**	***2,110***	**1,610**	**1,580**
Mercury	2.0 {A}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	*0.20 U*	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	*50 U*	40 U	40 U
Potassium		**21,200**	**34,600**	**14,600**	**9,020**	**7,400**	**7,180**	**10,600**	5,000 U	5,000 U	*5,000 UL*	**2,210 BJ**	**2,020 BJ**
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	*5.0 U*	5.0 U	5.0 U
Silver	98 {B}	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 U	0.50 U	0.50 U	*0.50 U*	5.0 U	5.0 U
Sodium	350,000	**102,000**	**239,000**	**200,000**	**173,000**	**57,400**	**61,300**	**241,000**	**163,000**	**166,000**	***858,000***	**845,000**	**839,000**
Thallium	2.0 {A,B}	2.0 UW	4.0 UJ	2.0 UW	2.0 UJ	2.0 U	2.0 UJ	2.0 UW	2.0 UW	2.0 UW	*20 UG*	**6.3 B**	**7.6 B**
Vanadium	62	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	*20 U*	20 U	20 U
Zinc	20,000 {B,E}*	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**28**	***166***	20 U	20 U
Inorganics, Unfiltered													
Cyanide, Total	200 {A,R}	5.0 U	NA	5.0 U	NA	**50**	NA	5.0 U	5.0 U	**21**	*NA*	NA	NA

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	TWW-2						UST-MWS1 (27 - 32')		UST-MWS2 (40.1 - 45.1')	X-1A (9.7 - 12.7')		
		1/23/97		5/21/00				7/27/95	6/10/96	7/26/95	7/29/95	6/10/96	5/23/00
		FS	DUP	FS	FS (N)	DUP	DUP (N)	FS	FS	FS	FS	FS	FS
Inorganics, Filtered													
Aluminum	240 {B,V}*	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	5.0 U	5.0 U	10 U	10 U	10 U	10 U	1.0 U	5.0 U	**7.6**	**3.6**	NA	**3.5 B**
Barium	2,000 {A}	200 U	**203**	**226**	**230**	**222**	**241**	200 U	200 U	200 U	**535**	**515**	**475**
Beryllium	4.0 {A}	5.0 U	5.0 U	4.0 U	4.0 U	4.0 U	4.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	4.0 U
Cadmium	5.0 {A,B}	0.50 U	**0.58**	1.0 U	1.0 U	1.0 U	1.0 U	0.20 UJ	0.50 U	0.20 UJ	0.20 UJ	NA	1.0 U
Calcium		**492,000**	**472,000**	**465,000**	**465,000**	**465,000**	**487,000**	**100,000**	**167,000**	**140,000**	**175,000**	NA	**168,000**
Chromium	100 {A,B,H}	50 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U	50 U	50 U	50 U	NA	**3.2 B**
Cobalt	100	50 U	50 U	10 U	10 U	10 U	10 U	50 U	50 U	50 U	50 U	NA	40 U
Copper	1,000 {E}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	NA	25 U
Cyanide, Total	200 {A,R}	10 U	10 U	NA		NA		NA	5.0 U	NA	NA	NA	**4.5 B**
Iron	13,000 {B,E}*	**3,830**	**5,270**	**6,290**	**6,720**	**5,970**	**6,990**	**2,460**	**2,720 J**	**8,000**	**7,120**	**30,000 J**	**18,500 J**
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	1,100,000 {B}	**137,000**	**142,000**	**140,000**	**141,000**	**140,000**	**148,000**	**29,600**	**51,700**	**39,700**	**110,000**	**102,000**	**111,000**
Manganese	2,100 {B,E}*	**501**	**646**	**689**	**688**	**677**	**703**	**262**	**527 J**	**361**	**666**	**1,210 J**	**835**
Mercury	2.0 {A}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	NA	0.20 U
Nickel	100 {A,B}	50 U	50 U	40 U	40 U	40 U	40 U	50 U	50 U	50 U	50 U	50 U	**17 B**
Potassium		5,000 UL	5,000 U	**3,100 BJ**	**2,950 BJ**	**3,030 BJ**	**2,960 BJ**	5,000 U	**22,200**	5,000 U	**235,000**	NA	**163,000**
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U
Silver	98 {B}	0.50 U	0.50 U	5.0 U	5.0 U	5.0 U	5.0 U	0.50 U	0.50 U	0.50 U	0.50 U	NA	5.0 U
Sodium	350,000	**271,000**	**245,000**	**242,000**	**240,000**	**230,000**	**237,000**	**77,800**	**486,000**	**45,600**	**580,000**	**389,000**	**339,000**
Thallium	2.0 {A,B}	**20 G**	**10 G**	**8.4 B**	**9.4 B**	**9.0 B**	**7.6 B**	2.0 U	16 UJ	2.0 U	8.0 UJ*	NA	10 U
Vanadium	62	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	NA	50 U
Zinc	20,000 {B,E}*	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Inorganics, Unfiltered													
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	500 U	NA	5.0 U	5.0 U	NA	NA

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-1B (20.7 - 23.7') 7/29/95 FS	X-1B (20.7 - 23.7') 6/10/96 FS	X-1B (20.7 - 23.7') 5/24/00 FS	X-1CR (2 - 12') 6/10/96 FS	X-1CR2 (43.7 - 48.7') 7/29/95 FS	X-1CR2 (43.7 - 48.7') 6/11/96 FS	X-2A (8.6 - 11.6') 7/15/95 FS	X-2A (8.6 - 11.6') 5/19/00 FS	X-2B (22.1 - 25.1') 7/15/95 FS	X-2C (43.1 - 46.1') 7/15/95 FS	X-2DAUG (32 - 37') 7/15/95 FS
Inorganics, Filtered												
Aluminum	240 {B,V}*	100 U	118 U	100 U	100 U	100 U	**188**	**111**	100 U	100 U	100 U	100 U
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**3.1**	NA	10 U	NA	**2.4**	NA	1.0 U	**3.4 B**	**1.9**	**13**	**1.4**
Barium	2,000 {A}	**887**	**870**	**770**	**507**	200 U	200 U	**365**	**410**	200 U	**227**	**230**
Beryllium	4.0 {A}	5.0 U	NA	4.0 U	NA	5.0 U	NA	5.0 U	4.0 U	5.0 U	5.0 U	5.0 U
Cadmium	5.0 {A,B}	**0.38 J**	NA	1.0 U	NA	0.20 UJ	NA	0.20 U	1.0 U	0.20 U	0.20 U	**0.3**
Calcium		**371,000**	NA	**380,000**	NA	**75,400**	NA	**76,400**	**98,200**	**94,100**	**208,000**	**190,000**
Chromium	100 {A,B,H}	50 U	NA	**3.8 B**	NA	50 U	NA	50 U	5.0 U	50 U	50 U	50 U
Cobalt	100	50 U	NA	**6.1 B**	NA	50 U	NA	50 U	40 U	50 U	50 U	50 U
Copper	1,000 {E}	25 U	NA	25 U	NA	25 U	NA	25 U	25 U	25 U	25 U	25 U
Cyanide, Total	200 {A,R}	NA	NA	**5.5**	NA	NA	NA	NA	5.0 U	NA	NA	NA
Iron	13,000 {B,E}*	**22,900**	**21,200 J**	**22,100 J**	**30,700 J**	100 U	100 U	**254 J**	**429**	**5,840 J**	**15,700 J**	**10,900 J**
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	3.0 U	**6.9**	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	1,100,000 {B}	**124,000**	**121,000**	**118,000**	**105,000**	5,000 U	**23,200**	**23,300**	**40,400**	**23,400**	**51,200**	**47,500**
Manganese	2,100 {B,E}*	**1,030**	**838 J**	**795**	**1,660 J**	20 U	20 U	**517**	**569**	**322**	**891**	**767**
Mercury	2.0 {A}	0.20 UJ	NA	0.20 U	NA	0.20 UJ	NA	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	50 U	**30 B**	50 U	50 U	50 U	50 U	**13 B**	50 U	50 U	50 U
Potassium		**53,700**	NA	**40,500**	NA	**18,900**	NA	**19,900**	**33,500**	5,000 U	5,000 U	**7,040**
Selenium	50 {A,B}	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	98 {B}	0.50 U	NA	5.0 U	NA	0.50 U	NA	0.50 U	5.0 U	0.50 U	0.50 U	0.50 U
Sodium	350,000	**758,000**	**831,000**	**858,000**	**410,000**	**176,000**	**123,000**	**275,000**	**378,000**	**183,000**	**218,000**	**230,000**
Thallium	2.0 {A,B}	4.0 UJ*	NA	**6.6 B**	NA	2.0 UJ	NA	2.0 UJ	**5.3 B**	2.0 U	2.0 UJ	2.0 UJ
Vanadium	62	20 U	NA	**2.4 B**	NA	20 U	NA	20 U	50 U	20 U	20 U	20 U
Zinc	20,000 {B,E}*	**143**	43 U	20 U	20 U	20 U	20 U	R	**55**	R	R	20 U
Inorganics, Unfiltered												
Cyanide, Total	200 {A,R}	**9.1**	NA	NA	NA	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic IDW	X-3AR (7.6 - 17.6')			X-3BR (31 - 36')		X-3CAUG (46.5 - 51.5')		X-5A (8.9 - 11.9')		X-5B (15.4 - 18.4')		X-5CR (40 - 45')	
		6/20/95	6/6/96		6/20/95	6/5/96	6/20/95	6/5/96	6/21/95	6/6/96	6/21/95	6/6/96	6/21/95	6/5/96
Constituents (ug/L)	Value	FS	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
Inorganics, Filtered														
Aluminum	240 {B,V}*	**519**	100 U	100 U	**180**	**104**	**129**	100 U	R	100 U	R	**127**	R	100 U
Antimony	6.0 {A}	**6.4**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**31**	NA	NA	**1.3**	NA	**16**	NA	**3.1**	NA	**2.1**	NA	**9.3**	NA
Barium	2,000 {A}	**9,530**	**10,400**	**10,900**	**301**	**510**	**236**	**321**	**784**	**763**	**844**	**720**	200 U	200 U
Beryllium	4.0 {A}	5.0 U	NA	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA
Cadmium	5.0 {A,B}	0.20 U	NA	NA	**0.38**	NA	0.20 U	NA	0.20 U	NA	0.20 U	NA	0.20 U	NA
Calcium		**2,250,000 J**	NA	NA	**111,000 J**	NA	**86,400 J**	NA	**174,000**	NA	**29,900**	NA	**55,600**	NA
Chromium	100 {A,B,H}	50 U	NA	NA	50 U	NA	50 U	NA	50 U	NA	50 U	NA	50 U	NA
Cobalt	100	50 U	NA	NA	50 U	NA	50 U	NA	50 U	NA	50 U	NA	50 U	NA
Copper	1,000 {E}	25 U	NA	NA	25 U	NA	25 U	NA	25 U	NA	25 U	NA	25 U	NA
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	**320,000**	**344,000**	**372,000**	**1,100**	**12,600**	**2,360**	**4,890**	**27,800**	**37,000**	**2,720**	**4,090**	100 U	100 U
Lead	6.0 {L}*	3.0 UJ	3.0 U	3.0 U	3.0 UJ	3.0 U	3.0 UJ	3.0 U	3.0 UJ	3.0 U	3.0 UJ	3.0 U	3.0 UJ	3.0 U
Magnesium	1,100,000 {B}	**1,640,000**	**1,660,000**	**1,720,000**	**46,800**	**51,500**	**28,600**	**44,400**	**74,100**	**69,900**	**58,100**	**53,600**	**29,700**	**44,400**
Manganese	2,100 {B,E}*	**3,670**	**3,220**	**3,170**	**317**	**399**	**74**	**70**	**482**	**681**	**291**	**278**	**53**	**72**
Mercury	2.0 {A}	0.20 UJ	NA	NA	0.20 UJ	NA	0.20 UJ	NA	0.20 UJ	NA	0.20 UJ	NA	0.20 UJ	NA
Nickel	100 {A,B}	**56**	**51**	**53**	50 U	50 U	50 U	50 U	50 U	50 U	**51**	50 U	50 U	50 U
Potassium		**331,000**	NA	NA	**13,400**	NA	**5,140**	NA	**81,600**	NA	**390,000**	NA	5,000 U	NA
Selenium	50 {A,B}	25 UJ*	NA	NA	5.0 UJ	NA	5.0 UJ	NA	5.0 UJ	NA	5.0 UJ	NA	5.0 UJ	NA
Silver	98 {B}	0.50 U	NA	NA	0.50 U	NA	0.50 U	NA	0.50 U	NA	0.50 U	NA	0.50 U	NA
Sodium	350,000	**1,160,000**	**1,280,000**	**1,340,000**	**50,100**	**98,600**	**142,000**	**207,000**	**228,000**	**201,000**	**897,000**	**786,000**	**86,700**	**111,000**
Thallium	2.0 {A,B}	4.0 UJ*	NA	NA	2.0 UJ	NA	2.0 UJ	NA	2.0 UJ	NA	4.0 UJ	NA	2.0 UJ	NA
Vanadium	62	20 U	NA	NA	20 U	NA	20 U	NA	20 U	NA	20 U	NA	20 U	NA
Zinc	20,000 {B,E}*	R	20 U	20 U	**214**	**25**	R	20 U	**49**	20 U	**66**	20 U	**53**	20 U
Inorganics, Unfiltered														
Cyanide, Total	200 {A,R}	5.0 U	NA	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	**9.2**	NA	5.0 U	NA

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-6A	X-6B	X-7A (15.6 - 18.6')		X-7BR (22 - 27')		X-7CAUG (34 - 39')		X-7DAUG (46 - 51')		X-10A (7.7 - 10.7')		X-10BR (26.3 - 31.3')
		9/26/95 FS	9/26/95 FS	6/20/95 FS	6/12/96 FS	6/20/95 FS	6/5/96 FS	6/21/95 FS	6/5/96 FS	6/20/95 FS	6/5/96 FS	6/13/96 FS	5/24/00 FS	7/24/95 FS
Inorganics, Filtered														
Aluminum	240 {B,V}*	100 U	1,890 J	212	223	246	114	R	100 U	144	100 U	100 U	100 U	103
Antimony	6.0 {A}	14	19	7.9	11	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	11	12	6.0	NA	1.6	NA	11	NA	5.3	NA	5.0 U	10 U	32
Barium	2,000 {A}	496	409	762	575	3,460	3,470	404	574	200 U	445	200 U	44 B	387
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	5.0 U	4.0 U	5.0 U
Cadmium	5.0 {A,B}	0.23 J	0.27 J	0.20 U	NA	0.20 U	NA	0.40	NA	0.20	NA	0.50 U	1.0 U	0.20 U
Calcium		47,300	77,200	101,000 J	NA	2,970,000 J	NA	109,000	NA	53,600 J	NA	117,000	209,000	183,000
Chromium	100 {A,B,H}	50 U	50 U	50 U	NA	50 U	NA	50 U	NA	50 U	NA	50 U	5.0 U	50 U
Cobalt	100	50 U	50 U	50 U	NA	50 U	NA	50 U	NA	50 U	NA	50 U	40 U	50 U
Copper	1,000 {E}	25 U	25 U	25 U	NA	25 U	NA	25 U	NA	25 U	NA	25 U	25 U	25 U
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	5.0 U	NA
Iron	13,000 {B,E}*	5,790	6,450	29,500	23,300 J	130,000	140,000	5,260	11,000	734	9,830	100 UJ	100 UJ	22,600
Lead	6.0 {L}*	3.0 U	8.9	3.0 UJ	3.0 U	3.0 UJ	3.0 U	3.0 UJ	3.0 U	3.0 UJ	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	1,100,000 {B}	70,800	66,700	168,000	222,000	525,000	624,000	29,500	41,200	13,700	40,400	22,400	48,700	49,300
Manganese	2,100 {B,E}*	127	294	286	193	4,660	4,540	266	302	71	105	23	152	457
Mercury	2.0 {A}	0.20 U	0.20 U	0.20 UJ	NA	0.20 UJ	NA	0.20 UJ	NA	0.20 UJ	NA	0.20 U	0.20 U	0.20 UJ
Nickel	100 {A,B}	84	94	147	173	50 U	50 U	50 U	50 U	50 U	50 U	50 U	40 U	50 U
Potassium		299,000	257,000	504,000	NA	10,100	NA	5,000 U	NA	12,600	NA	9,450	8,910	5,000 U
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 UJ	NA	5.0 UJ	NA	5.0 UJ	NA	5.0 UJ	NA	5.0 U	5.0 U	5.0 U
Silver	98 {B}	0.50 U	0.50 U	0.50 U	NA	0.50 U	NA	0.50 U	NA	0.50 U	NA	0.50 UJ	5.0 U	0.50 UJ
Sodium	350,000	1,340,000	899,000	1,490,000	1,300,000	270,000	303,000	64,300	103,000	38,000	201,000	24,000	33,700	149,000
Thallium	2.0 {A,B}	2.0 UJ	8.0 UJ	4.0 UJ	NA	2.0 UJ	NA	2.0 UJ	NA	2.0 UJ	NA	2.0 UJ	7.1 B	2.0 UJ
Vanadium	62	20 U	20 U	20 U	NA	20 U	NA	20 U	NA	20 U	NA	20 U	50 U	20 U
Zinc	20,000 {B,E}*	25	83	R	R	20 U	20 U	71	41	R	20 U	87 U	105	20 U
Inorganics, Unfiltered														
Cyanide, Total	200 {A,R}	5.0 U	5.7	8.7	NA	5.0 U	NA	5.0 U	NA	5.0 U	NA	NA	NA	5.0 U

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-10CR (36.6 - 41.6') 7/24/95 FS	X-10DAUG (22 - 27') 7/24/95 FS	X-11AR (2 - 12') 7/26/95 FS	X-12AR (2 - 7') 7/26/95 FS	X-12B (41.7 - 44.7') 7/26/95 FS	X-12CAUG (17.5 - 20') 7/26/95 FS	X-13AR (2 - 12') 7/18/95 FS	X-13B (19.9 - 22.9') 7/18/95 FS	X-13CAUG (36.2 - 41.2') 7/18/95 FS	X-16A (5.8 - 8.8') 7/27/95 FS	X-16A (5.8 - 8.8') 5/24/00 FS	X-16B (20.4 - 23.4') 7/28/95 FS	X-16B (20.4 - 23.4') 5/19/00 FS
Inorganics, Filtered														
Aluminum	240 {B,V}*	100 U	100 U	**100**	100 U	100 U	100 U	100 U	100 U	100 U	**1,110**	100 U	NA	**122**
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U
Arsenic	50 {A,B}	**20**	**20**	**1.1**	**2.9**	**2.3**	**10**	1.0 U	**22**	**18**	1.0 U	10 U	NA	10 U
Barium	2,000 {A}	**455**	**294**	**488**	200 U	200 U	200 U	**320**	**450**	**496**	200 U	**216**	NA	**36 B**
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.0 U	NA	4.0 U
Cadmium	5.0 {A,B}	0.20 U	0.20 U	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	**1.0**	0.20 U	**0.35 J**	1.0 U	NA	**0.59 B**
Calcium		**249,000**	**189,000**	**648,000**	**148,000**	**78,000**	**159,000**	**230,000**	**139,000**	**133,000**	**362,000**	**397,000**	NA	**84,700**
Chromium	100 {A,B,H}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	**1.5 B**	NA	5.0 U
Cobalt	100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	40 U	NA	40 U
Copper	1,000 {E}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U	NA	25 U
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	5.0 U
Iron	13,000 {B,E}*	**19,300**	**28,400**	R	R	**1,030**	**6,490**	**9,960**	**8,160**	**4,110**	**4,370**	**6,850 J**	NA	100 U
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	NA	3.0 U
Magnesium	1,100,000 {B}	**68,900**	**49,600**	**178,000**	**27,000**	**28,000**	**48,400**	**72,800**	**43,000**	**43,800**	**126,000**	**136,000**	NA	**60,100**
Manganese	2,100 {B,E}*	**292**	**629**	**1,230**	**415**	**218**	**313**	**862**	**248**	**113**	**807**	**966**	NA	**85**
Mercury	2.0 {A}	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	NA	0.20 U
Nickel	100 {A,B}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	**9.5 B**	NA	**24 B**
Potassium		5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	**1,920 B**	NA	**2,620 B**
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U
Silver	98 {B}	0.50 UJ	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U	1.0 U*	0.50 U	0.50 UJ	0.50 U	5.0 U	NA	5.0 U
Sodium	350,000	**230,000**	**118,000**	**166,000**	**18,500**	**52,000**	**67,700**	**70,500**	**99,600**	**175,000**	**86,200**	**124,000**	NA	**91,000**
Thallium	2.0 {A,B}	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 U	2.0 U	2.0 UJ	2.0 UJ	**7.6 B**	NA	**3.9 B**
Vanadium	62	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	50 U	NA	50 U
Zinc	20,000 {B,E}*	**50**	20 U	20 U	20 U	**27**	20 U	20 U	20 U	20 U	**50**	20 U	NA	**15 B**
Inorganics, Unfiltered														
Cyanide, Total	200 {A,R}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	NA	5.0 U	NA

See generic notes pages.

TABLE 4-44

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	X-19AR (2 - 12') 7/28/95 FS	X-19AR (2 - 12') 6/4/96 FS	X-20 (4.7 - 7.7') 7/25/95 FS
Inorganics, Filtered				
Aluminum	240 {B,V}*	100 U	100 U	100 U
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**5.6**	5.0 U	**16**
Barium	2,000 {A}	200 U	200 U	**224**
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U
Cadmium	5.0 {A,B}	0.20 UJ	0.50 U	0.20 UJ
Calcium		**252,000**	**259,000**	**364,000**
Chromium	100 {A,B,H}	50 U	50 U	50 U
Cobalt	100	50 U	50 U	50 U
Copper	1,000 {E}	25 U	25 U	25 U
Cyanide, Total	200 {A,R}	NA	5.0 U	NA
Iron	13,000 {B,E}*	**2,100**	**1,990 J**	**18,400**
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U
Magnesium	1,100,000 {B}	**71,500**	**76,000**	**128,000**
Manganese	2,100 {B,E}*	**517**	**547**	**734**
Mercury	2.0 {A}	0.20 U	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	50 U	50 U
Potassium		5,000 U	5,000 U	5,000 U
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U
Silver	98 {B}	0.50 U	0.50 UJ	0.50 U
Sodium	350,000	**90,600**	**84,300**	**171,000**
Thallium	2.0 {A,B}	2.0 UJ	2.0 UJ	2.0 UJ
Vanadium	62	20 U	20 U	20 U
Zinc	20,000 {B,E}*	20 U	20 U	**41**
Inorganics, Unfiltered				
Cyanide, Total	200 {A,R}	5.0 U	NA	5.0 U

See generic notes pages.

TABLE 4-45

APPENDIX IX INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT NON-RIVER INDUSTRIAL PERIMETER AND SITE INTERIOR PERMANENT WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	B-2R (3 - 13') 7/29/95 FS	B-5R (5 - 15') 7/12/95 FS	MW-1A (5 - 15') 7/17/95 FS	MW-1A (5 - 15') 7/17/95 DUP	MW-141WT (4 - 14') 7/28/95 FS	MW-148WT (5 - 15') 7/30/95 FS	X-1CR (2 - 12') 7/29/95 FS	X-3AR (7.6 - 17.6') 7/31/95 FS	X-5A (8.9 - 11.9') 7/19/95 FS	X-5B (15.4 - 18.4') 7/19/95 FS
Inorganics, Filtered											
Antimony	6.0 {A}	5.0 U	5.0 U	**5.2**	5.0 U	5.0 U	5.0 U	5.0 U	**9.0**	5.0 U	5.0 U
Arsenic	50 {A,B}	**3.5**	**14**	**1.4**	1.0 U	**9.0**	**35**	**2.2**	**30**	**1.4**	**2.6**
Barium	2,000 {A}	**584**	200 U	200 U	200 U	200 U	**234**	**531**	**11,800**	**665**	**1,270**
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	5.0 {A,B}	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ
Chromium	100 {A,B,H}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Cobalt	100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Copper	1,000 {E}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	**28**	25 U	25 U
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Mercury	2.0 {A}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	**62**	50 U	**55**
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U*	5.0 U	5.0 U
Silver	98 {B}	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Thallium	2.0 {A,B}	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	8.0 UJ*	2.0 UJ	8.0 UJ*	16 UJ*	4.0 UJ*	8.0 UJ*
Tin		100 U	100 U	100 U	100 U	100 U	100 U	100 U	200 U*	100 U	100 U
Vanadium	62	20 U	20 U	20 U	20 U	**21**	20 U	20 U	**44**	20 U	20 U
Zinc	20,000 {B,E}*	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	**148 J**	20 U
Inorganics, Unfiltered											
Cyanide, Total	200 {A,R}	**7.0**	5.0 U	5.0 U	5.0 U	5.0 U	**26**	5.0 U	5.0 U	5.0 U	**7.0**

See generic notes pages.

TABLE 4-46

SUMMARY OF BIOINDICATOR ANALYSES IN GROUNDWATER AT SELECT MONITORING WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Monitoring Well Location	Date	pH	TOC	DO_2	Sulfate	Sulfide	Nitrate	Nitrite	Total Mn	Total Fe	Nitrogen	Methane	CO_2	CO	Dissolved Mn	Dissolved Fe	Ferrous Fe	Mn II/Mn IV	Fe II/Fe III	Sulfide/Sulfate
Background																				
MW-101WT	6/5/96	7.55	2.4	5.9	138	1.3	<0.08	<0.07	0.027	0.499	16.5	<0.2	48.5	<0.4	0.014	0.076	<0.02	0.50	0.15	0.01
MW-101WT	3/12/97	5.92	2.3	5.78	160	1.1	0.60	<0.07	0.006	0.040	16.5	<0.07	53.5	<0.4	0.007	0.040	<0.02	1.17	1.00	NA[2]
MW-101WT	5/18/00	NA	45	2.1	<5.0	<2.0	<0.05		0.600	14.000	23.9	<0.07	45.88	<0.40	0.570	13.000	14	0.95	0.93	NA
MW-138WT	6/10/96	7.48	56.2	5.9	<5.0	<0.2	<0.08	<0.07	1.599	29.79	18.2	<0.2	44.9	<0.4	1.442	0.173	0.15	0.90	0.01	NA
MW-138WT	3/12/97	7.02	<2	2.37	210	1.3	0.68	<0.07	0.007	0.040	18.9	<0.07	44.1	<0.4	0.007	0.020	<0.02	1.00	NA	NA
MW-138WT	5/19/00	NA	<2.0	7.4	170	<2.0	<0.05		0.020	0.330	17.8	<0.07	23.24	<0.40	0.010	0.140	<1.0	0.50	0.42	NA
MW-139WT	6/13/96	7.51	<2	6.9	132	<0.2	0.132	<0.07	0.103	0.197	17.2	<0.2	23.9	<0.4	0.101	<0.015	<0.02	0.99	NA	NA
MW-139WT	3/12/97	NA	3.9	6.43	190	1.0	0.740	<0.07	0.015	0.230	17.5	<0.07	17.9	<0.4	0.015	0.160	<0.02	1.00	0.70	0.01
MW-139WT	5/19/00	NA	<2.0	9.03	150	<2.0	0.060		0.040	0.260	16.7	<0.07	17.18	<0.40	0.030	0.100	<1.0	0.75	0.38	NA
Background Average:		7.096	22	5.8	164.29	1.18	0.538	<0.07	0.269	5.043	18.13	<0.2	35.46	<0.4	0.244	1.714	7.075	0.86	0.51	0.01
Center Terminated Type III Landfill																				
B-3BAUG	5/18/00	NA	2.3	0.4	140	<2.0	<0.05		0.050	1.300	5.86	18.9	145.8	<0.40	<0.01	0.300	<1.0	NA	0.23	NA
Eastern Terminated Type III Landfill																				
B-4AR	6/12/96	NA	19.4	1.1	5.8	<0.2	<0.08	<0.07	1.068	26.74	12	10.8	5.6	<0.4	0.2058	0.047	<0.02	0.19	0.002	NA
B-4AR	3/9/97	6.73	32.3	1.16	<5.0	3.1	<0.08	<0.07	0.1701	2.292	10.4	13.55	3.3	<0.4	0.1535	1.255	1.8	0.90	0.55	NA
B-4AR	5/23/00	NA	42	0.49	<5.0	2.4	<0.05		0.16	2	10.39	10.58	3.42	<0.40	0.16	1.6	1.9	1.00	0.80	NA
B-4BR	6/5/96	10.22	53.1	<0.5	47.7	1.5	<0.08	<0.07	0.6822	18.41	10.7	8.5	<2.2	<0.4	<0.006	0.1957	NA	NA	0.01	0.03
B-4BR	3/9/97	8.46	40.2	0.43	34.7	9.0	<0.08	<0.35	0.0409	1.254	11.3	14.52	0.2	<0.4	0.0167	0.5281	1.7	0.41	1.36	0.26
B-4BR	5/22/00	NA	110	0.53	<5.0	<2.0	<0.05		0.11	2.6	11.69	15.15	1.98	<0.40	0.019	0.23	2	0.17	0.77	NA
B-4CAUG	5/23/00	NA	100	0.44	<5.0	<2.0	<0.05		0.01	0.44	12.21	17.1	<0.60	<0.40	<0.01	0.1	<1.0	NA	NA	NA
B-4DAUG	5/22/00	NA	5.3	1.07	100	<2.0	<0.05		0.18	2.9	21.76	0.1059	29.87	<0.40	0.18	2.9	2.9	1.00	1.00	NA
Drum Remediation Area																				
MW-126WT	6/6/96	7.26	13.9	6.6	90.1	<0.2	<0.08	<0.07	0.6303	0.4262	30.3	<0.2	120.6	<0.4	0.6521	0.0302	0.03	1.03	0.07	NA
TWW-1	5/21/00	NA	13	1.24	340	<2.0	<0.05		1.6	0.25	17.93	0.58	146.9	<0.40	1.5	0.25	<1.0	0.94	1.00	NA
Plant 2 Area																				
MW-129WT	6/12/96	6.36	18.1	2.7	23.1	0.28	<0.08	<0.07	0.7699	7.968	16	<0.2	203.9	<0.4	0.6775	0.1766	0.18	0.88	0.02	0.01
MW-129WT	5/23/00	NA	37	0.72	57	<2.0	<0.05		0.65	9.6	15.4	0.024	178.4	<0.40	0.6	2.1	1.6	0.92	0.17	NA
LNAPL Assessment Area																				
MW-152WT	6/5/96	7.7	5.4	0.9	21.2	1.1	<0.08	<0.07	3.507	7.435	16.4	1.1	25.1	<0.4	3.212	0.0297	<0.02	0.92	0.004	0.05
MW-152WT	5/21/00	NA	27	0.63	7.3	<2.0	<0.05		1.1	2.9	13.85	7.59	24.93	<0.40	1	2.1	2.4	0.91	0.724	NA
MW-171WT	3/12/97	5.72	39.5	0.64	<5.0	1.0	0.59	<0.07	1.1	8.5	16	2.79	68.3	<0.4	1.1	8	7.3	1.00	0.94	NA
MW-171WT	5/24/00	NA	35	0.92	<5.0	<2.0	<0.05		0.92	7.2	17.3	3.58	74.78	<0.40	0.9	7.2	6.6	0.98	1.000	NA

See Notes on Page 3.

TABLE 4-46

SUMMARY OF BIOINDICATOR ANALYSES IN GROUNDWATER
AT SELECT MONITORING WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well Location	Date	pH	TOC	DO_2	Sulfate	Sulfide	Nitrate	Nitrite	Total Mn	Total Fe	Nitrogen	Methane	CO_2	CO	Dissolved Mn	Dissolved Fe	Ferrous Fe	Mn II/Mn IV	Fe II/Fe III	Sulfide/Sulfate
Green Point Landfill																				
MW-118WT	6/11/96	6.30	16.9	<0.5	<5.0	0.39	<0.08	<0.07	4.989	81.94	4.6	19.7	302.8	<0.4	4.273	48.52	59	0.86	0.72	NA
MW-118WT	5/17/00	NA	81	0.21	<5.0	<2.0	<0.05		7.9	250	2.37	16	353.7	<0.40	7.9	250	240	1.00	0.96	NA
MW-118S1	6/11/96	6.96	3.2	0.5	<5.0	0.8	<0.08	<0.07	0.3717	4.974	10.5	11.5	88.9	<0.4	0.347	0.2447	0.68	0.93	0.14	NA
MW-118S1	5/17/00	NA	10	0.58	<5.0	<2.0	<0.05		0.37	5.7	9.48	8.99	78.44	<0.40	0.36	5.7	6.1	0.97	1.07	NA
MW-118S2	6/11/96	7.22	4.2	0.8	30.1	<0.2	<0.08	<0.07	0.0734	2.484	14.7	0.3	67.9	<0.4	0.0718	0.0572	<0.02	0.98	0.02	NA
MW-118S2	5/17/00	NA	11	2.42	36	<2.0	<0.05		0.07	2.3	14.1	<0.07	31.06	<0.40	0.07	2.3	2	1.00	0.87	NA
MW-128WT	3/12/97	5.32	135	0.25	<5.0	1.0	0.14	<0.07	0.89	26.3	5.6	11.78	345.2	<0.4	0.93	30	6.7	1.04	0.25	NA
MW-128WT	5/19/00	NA	68	0.47	95	<2.0	<0.05		2	21	13.2	0.39	37.79	<0.40	2	19	20	1.00	0.95	NA
MW-128S1	3/12/97	5.19	144	0.17	<5.0	1.0	<0.08	<0.07	0.39	25.6	3	11.08	535.8	<0.4	0.38	27.6	5.3	0.97	1.08	NA
MW-128S1	5/19/00	NA	120	0.3	17	<2.0	0.08		0.33	22	5.64	9.46	331.6	<0.40	0.31	22	20	0.94	0.91	NA
X-1A	6/10/96	6.8	62	<0.5	<5.0	<0.2	<0.08	<0.07	1.244	31.63	4.9	14.7	280.3	<0.4	1.219	2.605	20.7	0.98	0.65	NA
X-1A	3/8/97	6.69	90.1	0.14	<5.0	2.8	<0.08	<0.07	0.698	20.99	2.9	19.67	265.5	<0.4	0.6733	19.42	16	0.96	0.76	NA
X-1A	5/23/00	NA	64	0.27	470	<2.0	<0.05		0.84	18	4.48	17.67	147.8	<0.40	0.84	18	18	1.00	1.00	NA
X-1B	6/10/96	NA	105	<0.5	<5.0	<0.2	<0.08	<0.07	1.142	37.68	2.7	16	367	<0.4	0.8814	0.2966	0.38	0.77	0.01	NA
X-1B	3/9/97	5.55	105	0.24	<5.0	2	<0.08	<0.07	0.993	19.65	4.8	14.25	334.9	<0.4	0.9265	0.8318	0.87	0.93	0.04	NA
X-1B	5/24/00	NA	120	0.35	10	<2.0	<0.05		0.79	21	5.04	7.6	298.8	<0.40	0.78	20	6.1	0.99	0.29	NA
X-1CR	6/10/96	6.89	3.0	<0.5	160	<0.2	<0.08	<0.07	0.041	0.4753	1.9	19.2	287.4	<0.4	0.0121	<0.015	<0.02	0.30	NA	NA
X-1CR	3/11/97	5.38	45.9	0.3	6.1	1.0	0.09	<0.07	2.2	43.3	3	17.15	250.8	<0.4	2.2	42.8	19	1.00	1.00	0.16
X-1CR	5/24/00	NA	39	0.34	540	<2.0	<0.05		1.8	31	4.02	16.2	142.9	<0.40	1.8	31	34	1.00	1.00	NA
X-1CR2	6/11/96	NA	<2	3.7	282	<0.2	<0.08	<0.07	8.335	497.5	20	<0.2	<2.2	<0.4	0.0284	0.4823	<0.02	0.003	0.001	NA
X-1CR2	3/12/97	6.62	4.7	2.5	300	1	0.47	<0.07	0.02	0.29	19.3	<0.07	2.2	<0.4	0.03	0.24	<0.02	1.50	0.83	0.003
X-1CR2	5/24/00	NA	20	1.62	240	<2.0	0.21		0.83	32	16.8	0.0036	5.62	<0.40	0.15	0.06	5.6	0.18	0.00	NA
X-3AR	6/6/96	5.73	154	<0.5	<5.0	<0.2	<0.08	<0.07	2.892	365.7	4.9	7.1	477.5	<0.4	3.2	274.6	342	1.11	0.94	NA
X-3BR	6/5/96	6.96	10.4	0.7	<5.0	<0.2	<0.08	<0.07	0.3489	12.38	9.3	9.7	110	<0.4	0.345	0.0627	7	0.99	0.57	NA
X-3CAUG	6/5/96	7.37	9.7	0.5	<5.0	<0.2	<0.08	<0.07	0.065	4.495	10.2	2.8	51.7	<0.4	0.0603	0.0363	<0.02	0.93	0.01	NA
X-5A	6/6/96	6.75	35.5	<0.5	<5.0	<0.2	<0.08	<0.07	0.644	34.3	1.4	16	286.4	<0.4	0.6329	1.828	2.3	0.98	0.07	NA
X-5B	6/6/96	7.6	171	<0.5	7.6	<0.2	<0.08	<0.07	0.2426	3.488	0.8	24.5	77.7	<0.4	0.2396	0.552	0.84	0.99	0.24	NA
X-7A	6/12/96	6.79	354	<0.5	<5.0	0.97	1.922	<0.07	0.4696	73.35	3.5	7.8	719.1	<0.4	0.1903	0.8718	7.2	0.41	0.10	NA
X-7A	3/11/97	NA	480	<0.15	<5.0	1.0	<0.08	<0.35	198	25000	2.1	8.67	668	<0.4	0.08	0.68	170	0.0004	0.01	NA
X-7BR	6/5/96	6.41	24.7	<0.5	<5.0	<0.2	<0.08	<0.07	4.164	127.3	4.0	15.5	304.8	<0.4	4.473	59.01	819	1.07	6.43	NA
X-7BR	3/11/97	4.94	29.6	0.4	<5.0	0.2	0.2	<0.28	3.7	79.3	3.8	13.58	390.1	<0.4	3.7	114	140	1.00	1.77	NA
X-7CAUG	6/5/96	7.11	8.0	<0.5	<5.0	<0.2	<0.08	<0.07	0.302	12.33	7.6	15.4	108.5	<0.4	0.2771	<0.015	5.7	0.92	0.46	NA
X-7CAUG	3/9/97	5.54	96.4	0.43	<5.0	1.6	<0.08	<0.07	0.2747	11.8	9.1	16.74	107.6	<0.4	0.2782	11.78	10.8	1.01	0.92	NA
X-7DAUG	6/5/96	7.39	8.9	<0.5	5.7	<0.2	<0.08	<0.07	0.0842	8.579	8.2	3.7	44.3	<0.4	0.0797	<0.015	NA	0.95	NA	NA
X-7DAUG	3/11/97	5.88	8.0	0.53	<5.0	1.0	0.17	<0.07	0.008	7.9	9.9	3.97	48.1	<0.4	0.09	8.4	6.8	11.25	1.00	NA
X-7DAUG(DUP)	3/11/97	5.88	8.3	0.75	<5.0	0.6	0.098	<0.07	0.08	7.7	11.7	4.43	50.7	<0.4	0.09	8.2	6.4	1.13	2.00	NA

See Notes on Page 3.

TABLE 4-46

SUMMARY OF BIOINDICATOR ANALYSES IN GROUNDWATER
AT SELECT MONITORING WELLS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Monitoring Well Location	Date	pH	TOC	DO_2	Sulfate	Sulfide	Nitrate	Nitrite	Total Mn	Total Fe	Nitrogen	Methane	CO_2	CO	Dissolved Mn	Dissolved Fe	Ferrous Fe	Mn II/Mn IV	Fe II/Fe III	Sulfide/Sulfate
River																				
B-7R	5/20/00	NA	7.5	0.66	54	<2.0	0.12		0.55	0.41	17.2	<0.07	19.52	<0.40	0.54	0.37	<1.0	0.98	1.00	NA
MW-108S1	5/23/00	NA	4.5	1.23	100	2	<0.05		1.1	6.8	21.97	0.0373	14.36	<0.40	1.1	6.5	7.1	1.00	1.00	0.02
MW-111WT	5/19/00	NA	12	0.78	180	<2.0	0.7		2.5	20	18.7	0.1	99.29	<0.40	2.5	20	20	1.00	1.00	NA
MW-111S4	5/23/00	NA	7.3	2.62	95	<5.0	<0.05		<0.01	<0.05	20.58	0.0835	<0.60	<0.40	<0.01	<0.05	<1.0	NA	1.00	NA
MW-112WT	5/20/00	NA	7.9	1.47	91	<2.0	0.81		1.9	7	19.8	<0.07	22.46	<0.40	1.9	6.2	6.9	1.00	1.00	NA
Former UST #7 Area																				
UST7-2	6/19/96	6.24	NA	0.40	<5	NA	<0.1	NA	NA	NA	3.2	15.6	117.8	<0.40	NA	47.5	NA	NA	NA	NA
UST7-2	5/17/00	NA	25	0.22	8.5	<2.0	0.2		0.38	44	4.2	9.74	180.1	<0.40	0.35	43	35	0.92	1.00	NA
UST7-5	6/19/96	6.74	NA	0.80	8	NA	<0.1	NA	NA	NA	11.3	3.7	61.8	<0.40	NA	24.3	NA	NA	NA	NA
UST7-5	5/17/00	NA	26	0.71	71	<2.0	<0.05		1.1	29	14.64	2.37	12.57	<0.40	0.69	8.1	22	0.63	1.00	NA
UST7-5(DUP)	5/17/00	NA	28	0.67	81	<2.0	<0.05		0.8	10	15.63	2.55	13.84	<0.40	0.76	8.9	49	0.95	1.00	NA

General Notes:

All concentrations in milligrams per liter (mg/L); equivalent to parts per million (ppm).
NA = not analyzed.
WT = Water table well.
S1 = Well screened at top of sand unit; increasing numbers indicate increased depth within the sand unit (e.g., S2, S3, S4).
AUG = Augmentation well.
R = Replacement well.
(DUP) = Duplicate sample.

Sewer Sampling Analytical Data

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 4-47

PCB SEWER WATER ANALYTICAL RESULTS FOR
WEEKLY CFD-02 (POTW POINT OF COMPLIANCE) SAMPLING PROGRAM

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Date	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
09/25/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
09/30/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/07/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/12/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/18/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/24/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/25/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/26/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/27/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/28/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/31/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
11/08/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
11/14/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
11/21/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
11/28/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
12/09/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
12/12/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
12/19/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
12/27/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
01/11/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
01/19/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
01/22/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
01/30/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
02/06/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
02/13/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
02/20/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
02/27/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
03/05/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
03/12/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
03/19/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
03/28/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/02/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/03/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/04/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/05/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/09/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/10/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/16/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/24/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/30/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
05/08/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
05/14/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
05/24/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND

General Notes:
All concentrations in micrograms per liter (ug/L), equivalent to parts per billion (ppb).
Twenty-four hour composite samples were collected between 9/25/95 and 10/26/95. Samples collected from 10/27/96 on were collected using a flow proportional composite sampling method following the sampling and analytical methods as set forth in the current City of Saginaw Wastewater Discharge Permit.
Samples collected and analyzed (US EPA Method 608) by NET, Inc., Auburn Hills, Michigan.
Values enclosed by thick line box are results from daily 24-hour composite analyses conducted pursuant to SMI's POTW Wastewater Discharge Permit.

TABLE 4-48

PCB ANALYTICAL RESULTS FOR
WEEKLY CITY WATER INTAKE (CFD-03) SAMPLING PROGRAM

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Date	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
09/25/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
09/30/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/07/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/12/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/18/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/24/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/31/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
11/08/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
11/14/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
11/21/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
11/28/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
12/09/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
12/12/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
12/19/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
12/27/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
01/11/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
01/19/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
01/22/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
01/30/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
02/06/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
02/13/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
02/20/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
02/27/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
03/05/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
03/12/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
03/19/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
03/28/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/02/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/09/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/16/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/24/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/30/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
05/08/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
05/14/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
05/24/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND

General Notes:

All concentrations in micrograms per liter (ug/L); equivalent to parts per billion.

All samples were twenty-four hour composite samples.

Samples collected and analyzed (US EPA Method 608) by NET, Inc., Auburn Hills, Michigan

TABLE 4-49

PCB ANALYTICAL RESULTS FOR WEEKLY SAMPLING AT MANHOLE EE10.0 (42-INCH SANITARY SEWER TO SAGINAW POTW)

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Date	Aroclor-1016	Aroclor-1221	Aroclor-1232	Aroclor-1242	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
09/22/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
09/29/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/06/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/12/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/18/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/24/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
10/31/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
11/09/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
11/14/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
11/21/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
12/01/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
12/09/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
12/12/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
12/19/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
12/27/95	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
01/11/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
01/19/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
01/22/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
01/30/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
02/06/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
02/13/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
02/20/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
02/27/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
03/05/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
03/12/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
03/19/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
03/28/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/02/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/09/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/16/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/24/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
04/30/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
05/08/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
05/14/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND
05/24/96	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	0.050 U	ND

General Notes:

All concentrations in micrograms per liter (ug/L); equivalent to parts per billion (ppb).

All samples collected as grab samples.

Samples collected and analyzed (US EPA Method 608) by National Environmental Testing, Inc., Auburn Hills, Michigan.

Manhole EE10.0 is located upstream of CFD-02 (POTW point of compliance).

Laboratory extract of sample collected on February 6, 1996, was reanalyzed and PCBs were determined to be non-detectable at the detection limit indicated.

Surface Water Analytical Data

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 4-50

TCL VOC ANALYTICAL RESULTS FOR SURFACE WATER

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	SW-1 6/13/95 FS	SW-2 6/13/95 FS	SW-3 6/13/95 FS	SW-4 6/14/95 FS	SW-5 6/13/95 FS	SW-6 6/14/95 FS	SW-7 6/14/95 FS	SW-8 6/14/95 FS	SW-9 6/14/95 FS	SW-10 6/14/95 FS	SW-11 6/14/95 FS	SW-11 6/14/95 DUP	SW-12 6/14/95 FS	SW-13 6/14/95 FS	SW-14 6/14/95 FS
1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 U	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ
2-Hexanone	50 U	50 U	50 U	50 U	50 U	**50 J**	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-Methyl-2-pentanone	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Acetone	**9.6 J**	**18 J**	**12 J**	**22 J**	**17 J**	**22 J**	**33 J**	**24 J**	50 U	50 U	50 U	50 UJ	50 U	50 U	50 UJ
Benzene	1.0 U	1.0 U	1.0 U	**1.3**	**0.50 J**	1.0 U	**1.1**	**1.6**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	1.0 U	1.0 U	1.0 U	**0.90 J**	1.0 U	1.0 U	**0.50 J**	**0.40 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	1.0 U	1.0 U	1.0 U	1.0 U	**0.70 J**	1.0 U	**1.0 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.40 J**	1.0 U
Styrene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1.0 U	1.0 U	1.0 U	**0.70 J**	1.0 U	1.0 U	**0.070 J**	**0.90 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropen	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-50

TCL VOC ANALYTICAL RESULTS FOR SURFACE WATER

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	SW-15 6/14/95 FS	SW-17 6/15/95 FS	SW-19 6/15/95 FS	SW-20 6/15/95 FS	SW-20 6/15/95 DUP	SW-21 6/15/95 FS	SW-26 8/10/00 FS	SW-27 8/10/00 FS	SW-28 8/10/00 FS	SW-29 8/10/00 FS	SW-29 8/10/00 DUP	SW-31 8/10/00 FS	SW-32 8/10/00 FS	SW-33 8/11/00 FS
1,1,1-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2-Hexanone	50 U	50 U	50 U	50 U	50 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Methyl-2-pentanone	50 U	50 U	50 U	50 U	50 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acetone	50 UJ	50 UJ	**2.6 J**	50 UJ	**2.3 J**	50 UJ	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Benzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ
Carbon disulfide	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon tetrachloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.066 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**1.1**
Chloromethane	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	**0.11 J**	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	2.7 U	2.5 U	2.8 U	2.3 U	2.6 U	2.2 U	2.6 U	5.4 U
Styrene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
trans-1,3-Dichloropropen	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	**0.42 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

See generic notes pages.

TABLE 4-51

TCL SVOC ANALYTICAL RESULTS FOR SURFACE WATER

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	SW-1 6/13/95 FS	SW-2 6/13/95 FS	SW-3 6/13/95 FS	SW-4 6/14/95 FS	SW-5 6/13/95 FS	SW-6 6/14/95 FS	SW-7 6/14/95 FS	SW-8 6/14/95 FS	SW-9 6/14/95 FS	SW-10 6/14/95 FS	SW-11 6/14/95 FS	SW-11 6/14/95 DUP	SW-12 6/14/95 FS	SW-13 6/14/95 FS	SW-14 6/14/95 FS
1,2,4-Trichlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**48**	**29**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	5.0 U	**0.64 J**	5.0 U	**7.2**	5.0 U	**3.1 J**	**5**	**20**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	5.0 U	5.0 U	5.0 U	**0.96 J**	5.0 U	5.0 U	**100 B**	**65**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U
4-Bromophenyl phenyl ether	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	5.0 U	5.0 U	5.0 U	**0.97 J**	5.0 U	5.0 U	**10**	**3.5 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	5.0 U	5.0 U	5.0 U	**0.62 J**	5.0 U	5.0 U	**0.67 J**	**1.1 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	5.0 U	5.0 U	5.0 U	**5.5**	**19**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	6.7 U
Butyl benzyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-51

TCL SVOC ANALYTICAL RESULTS FOR SURFACE WATER

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	SW-1 6/13/95 FS	SW-2 6/13/95 FS	SW-3 6/13/95 FS	SW-4 6/14/95 FS	SW-5 6/13/95 FS	SW-6 6/14/95 FS	SW-7 6/14/95 FS	SW-8 6/14/95 FS	SW-9 6/14/95 FS	SW-10 6/14/95 FS	SW-11 6/14/95 FS	SW-11 6/14/95 DUP	SW-12 6/14/95 FS	SW-13 6/14/95 FS	SW-14 6/14/95 FS
Carbazole	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chrysene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	5.0 U	5.0 U	5.0 U	**0.80 J**	5.0 U	**0.57 J**	**1.1 J**	**1.6 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	5.0 U	5.0 U	5.0 U	**1.2 J**	5.0 U	**0.71 J**	**1.4 J**	**2.0 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 UJ	5.0 U	5.0 U
N-Nitrosodiphenylamine	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	5.0 U	**0.66 J**	5.0 U	**4.0 J**	5.0 U	**2.0 J**	**5.6**	**9.2**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Phenanthrene	5.0 U	5.0 U	5.0 U	**1.9 J**	5.0 U	**0.95 J**	**2.9 J**	**3.2 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	5.0 U	5.0 U	5.0 U	**4.0 J**	5.0 U	**1.7 J**	5.0 U	**10**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-51

TCL SVOC ANALYTICAL RESULTS FOR SURFACE WATER

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	SW-15 6/14/95 FS	SW-17 6/15/95 FS	SW-19 6/15/95 FS	SW-20 6/15/95 FS	SW-20 6/15/95 DUP	SW-21 6/15/95 FS	SW-26 8/10/00 FS	SW-27 8/10/00 FS	SW-28 8/10/00 FS	SW-29 8/10/00 FS	SW-29 8/10/00 DUP	SW-31 8/10/00 FS	SW-32 8/10/00 FS	SW-33 8/11/00 FS
1,2,4-Trichlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	50 U	50 U	50 U	50 U	50 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,6-Trichlorophenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
2,4-Dimethylphenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline	20 U	20 U	20 U	20 U	20 U	20 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
4-Chlorophenyl phenyl ether	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.3 U	**4.1 J**
Butyl benzyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-51

TCL SVOC ANALYTICAL RESULTS FOR SURFACE WATER

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	SW-15 6/14/95 FS	SW-17 6/15/95 FS	SW-19 6/15/95 FS	SW-20 6/15/95 FS	SW-20 6/15/95 DUP	SW-21 6/15/95 FS	SW-26 8/10/00 FS	SW-27 8/10/00 FS	SW-28 8/10/00 FS	SW-29 8/10/00 FS	SW-29 8/10/00 DUP	SW-31 8/10/00 FS	SW-32 8/10/00 FS	SW-33 8/11/00 FS
Carbazole	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	20 U	20 U	20 U	20 U	20 U	20 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Phenanthrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**1.5 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-52

TCL PCB ANALYTICAL RESULTS FOR SURFACE WATER

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	SW-1 6/13/95 FS	SW-2 6/13/95 FS	SW-3 6/13/95 FS	SW-4 6/14/95 FS	SW-5 6/13/95 FS	SW-6 6/14/95 FS	SW-7 6/14/95 FS	SW-8 6/14/95 FS	SW-9 6/14/95 FS	SW-10 6/14/95 FS	SW-11 6/14/95 FS	SW-11 6/14/95 DUP	SW-12 6/14/95 FS	SW-13 6/14/95 FS	SW-14 6/14/95 FS
Aroclor-1016	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.80 U	0.80 U	0.80 U	0.20 U	0.80 U	0.80 U	0.80 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 UJ	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U
Total Aroclors	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-52

TCL PCB ANALYTICAL RESULTS FOR SURFACE WATER

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	SW-15 6/14/95 FS	SW-17 6/15/95 FS	SW-19 6/15/95 FS	SW-20 6/15/95 FS	SW-20 6/15/95 DUP	SW-21 6/15/95 FS	SW-26 8/10/00 FS	SW-27 8/10/00 FS	SW-28 8/10/00 FS	SW-29 8/10/00 FS	SW-29 8/10/00 DUP	SW-31 8/10/00 FS	SW-32 8/10/00 FS	SW-33 8/11/00 FS
Aroclor-1016	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.20 U	0.80 U	0.80 U	0.20 U	0.80 U	0.80 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total Aroclors	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-53

TAL INORGANIC ANALYTICAL RESULTS FOR SURFACE WATER

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	SW-1 6/13/95 FS	SW-2 6/13/95 FS	SW-3 6/13/95 FS	SW-4 6/14/95 FS	SW-5 6/13/95 FS	SW-6 6/14/95 FS	SW-7 6/14/95 FS	SW-8 6/14/95 FS	SW-9 6/14/95 FS	SW-10 6/14/95 FS	SW-11 6/14/95 FS	SW-11 6/14/95 DUP	SW-12 6/14/95 FS	SW-13 6/14/95 FS	SW-14 6/14/95 FS
Aluminum	375 J	539 J	349 J	5,900 J	491 J	1,580 J	1,160 J	6,070 J	282 J	951 J	1,880 J	2,630	1,890 J	267 J	923
Antimony	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	1.0 UJ	1.0 U	1.0 UJ	2.2	1.0 UJ	1.2	1.0 UJ	2.6	2.4	6.1	3.5	4.6	3.5	3.8	6.2
Barium	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Beryllium	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	0.79	2.0	1.4	1.0	1.6	1.2	1.0	1.9	0.20 UJ	0.20 UJ	0.40 UJ	0.40 UJ	0.40 UJ	0.20 U	0.20 UJ
Calcium	48,900	44,600	41,200	46,300	45,200	44,700	41,400	43,600	68,100	65,900	131,000	138,000	143,000	112,000	112,000
Chromium	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Cobalt	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Copper	25 U	25 U	25 U	48.4	25 U	25 U	25 U	48.7	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Cyanide, Total	15	5.2	5.1	5.0 U	5.0 U	5.0 U	5.6	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ
Iron	686	1,190	841	27,500	897	3,750	3,150	23,700	535	2,460	2,530	3,200	2,710	934	1,490
Lead	7.6	9.0	8.6	25.8	8.9	28.1	28.2	57.8	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	10,200	9,110	8,690	11,000	9,440	9,420	8,480	10,500	15,400	37,900	46,700	49,200	55,400	101,000	45,500
Manganese	206	219	194	747	208	352	287	828	519	382	324	340	442	525	163
Mercury	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.39	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 UJ
Nickel	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Potassium	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	6,530	5,000 U	16,800	17,700	21,800	85,300	19,900
Selenium	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 UJ
Silver	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Sodium	24,900	23,400	22,100	22,800	23,500	22,800	21,000	21,800	49,200	71,400	109,000	111,000	130,000	353,000	98,100
Thallium	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 UJ	2.0 U	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ
Vanadium	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Zinc	849	1,260	1,090	1,500	1,100	2,000	1,740	3,680	20 U	20.3	23.6	R	20 U	20 U	44.9

See generic notes pages.

TABLE 4-53

TAL INORGANIC ANALYTICAL RESULTS FOR SURFACE WATER

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	SW-15 6/14/95 FS	SW-17 6/15/95 FS	SW-19 6/15/95 FS	SW-20 6/15/95 FS	SW-20 6/15/95 DUP	SW-21 6/15/95 FS	SW-26 8/10/00 FS	SW-27 8/10/00 FS	SW-28 8/10/00 FS	SW-29 8/10/00 FS	SW-29 8/10/00 DUP	SW-31 8/10/00 FS	SW-32 8/10/00 FS	SW-33 8/11/00 FS
Aluminum	**584**	**281**	**131**	**150**	100 U	100 U	100 U	**62.3 B**	**319**	**58.5 B**	**64.2 B**	**640**	**1,880**	**671**
Antimony	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**2.4 B**	5.0 U	5.0 U	5.0 U
Arsenic	**3.8**	**3.2**	**2.8**	**2.5**	**2.1**	**2.6**	10 U	10 U	10 U	10 U	10 U	**4.3 B**	10 U	10 U
Barium	200 U	200 U	200 U	**202**	200 U	200 U	**57.4 B**	**393**	**74.8 B**	**91.6 B**	**91.3 B**	**84.6 B**	**130**	**11.8 B**
Beryllium	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	4.0 U	**0.94 B**
Cadmium	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	**0.30 B**	**0.36 B**	1.0 U	**0.34 B**	1.0 U	1.0 U	1.0 U	1.0 U
Calcium	**103,000**	**124,000**	**48,600**	**54,600**	**52,400**	**52,100**	**69,500**	**92,200**	**76,100**	**86,700**	**89,300**	**102,000**	**111,000**	**4,070 B**
Chromium	50 U	50 U	50 U	50 U	50 U	50 U	5.0 U	5.0 U	**1.7 B**	5.0 U	5.0 U	**2.2 B**	**1.6 B**	5.0 U
Cobalt	50 U	50 U	50 U	50 U	50 U	50 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Copper	25 U	25 U	25 U	25 U	25 U	25 U	**8.0 B**	**8.5 B**	25 U	**13.7 B**	**15.6 B**	25 U	25 U	**4.2 B**
Cyanide, Total	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	**10 J**	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Iron	**1,160**	**1,660**	R	R	R	R	**1,240**	**4,110**	**1,400**	**655**	**609**	**1,480**	**1,070**	100 U
Lead	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	**43,500**	**53,500**	**82,600**	**91,600**	**88,300**	**88,200**	**28,900**	**38,700**	**28,000**	**36,600**	**35,600**	**46,800**	**35,500**	100 U
Manganese	**155**	**363**	**28.1**	**27.2**	**25.5**	**24.3**	**244**	**355**	**360**	**144**	**139**	**149**	**240**	**0.99 B**
Mercury	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	50 U	50 U	50 U	50 U	50 U	50 U	40 U	**5.9 B**	**3.3 B**	**4.0 B**	**4.0 B**	**6.8 B**	**3.3 B**	40 U
Potassium	**19,200**	**8,790**	**88,900**	**102,000**	**93,200**	**94,300**	**15,500**	**31,100**	**20,900**	**25,300**	**27,300**	**19,200**	**26,900**	**54.9 B**
Selenium	5.0 UJ	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	**93,100**	**47,700**	**268,000**	**309,000**	**282,000**	**286,000**	**80,100**	**192,000**	**90,000**	**132,000**	**133,000**	**133,000**	**124,000**	5,000 U
Thallium	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	2.0 UJ	10 U	**8.6 B**	**7.6 B**	10 U	**5.5 B**	**7.0 B**	**7.7 B**	10 U
Vanadium	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Zinc	**20.6**	R	R	R	20 U	R	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U

See generic notes pages.

Sediment Analytical Data

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 4-54

TCL VOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-1 (0 - 1.5') 6/15/95 FS	SD-1 (1.5 - 3') 6/15/95 FS	SD-1 (3 - 4.5') 6/15/95 FS	SD-2 (0 - 1.7') 6/15/95 FS	SD-2 (1.7 - 3.4') 6/15/95 FS	SD-2 (3.4 - 5') 6/15/95 FS	SD-3 (0 - 1.3') 6/15/95 FS	SD-3 (0 - 1.3') 6/15/95 DUP	SD-3 (1.3 - 2.6') 6/15/95 FS	SD-3 (2.6 - 3.9') 6/15/95 FS	SD-4 (0 - 1.5') 6/19/95 FS	SD-4 (1.5 - 3') 6/19/95 FS
1,1,1-Trichloroethane	460,000 {C}	460,000 {C}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 UJ	890 U
1,1,2,2-Tetrachloroethane	370,000	53,000	8.2 UJ	7.6 UJ	7.0 UJ	8.2 U	9.7 U	6.3 U	36 UJ	11 U	7.3 U	6.2 U	2,800 UJ	890 U
1,1,2-Trichloroethane	920,000 {C}	180,000	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
1,1-Dichloroethane	890,000 {C}	890,000 {C}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
1,1-Dichloroethene	570,000 {C,I}	200,000 {I}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
1,2-Dichloroethane	640,000 {I}	91,000 {I}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
1,2-Dichloroethene, Total	640,000 {C}	640,000 {C}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
1,2-Dichloropropane	550,000 {C,I}	140,000 {I}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
1,4-Dichlorobenzene	2,900,000	400,000	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
2-Butanone	27,000,000 {C,I,AD}	27,000,000 {C,I,AD}	**38 J**	**33 J**	70 UJ	**14 J**	**39 J**	**3.2 J**	360 UJ	110 U	**7.4 J**	**3.1 J**	28,000 U	8,900 UJ
2-Hexanone	2,500,000 {C}	2,500,000 {C}	82 UJ	76 UJ	70 UJ	82 UJ	97 UJ	63 UJ	360 UJ	110 U	73 UJ	62 UJ	28,000 UJ	8,900 UJ
4-Methyl-2-pentanone	2,700,000 {C,I}	2,700,000 {C,I}	82 UJ	76 UJ	70 UJ	82 UJ	97 UJ	63 UJ	360 UJ	110 U	73 UJ	62 UJ	28,000 U	8,900 U
Acetone	110,000,000 {I}	23,000,000 {I}	**270 J**	**170 J**	**25 J**	**81 J**	**260 J**	**21 J**	**330 J**	19 UJ	**38 J**	**15 J**	28,000 U	8,900 UJ
Benzene	400,000 {C,I}	180,000 {I}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	**1,800 J**	890 U
Bromodichloromethane	750,000	110,000	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 UJ	890 U
Bromoform	870,000 {C}	820,000	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
Bromomethane	1,600,000	320,000	8.2 UJ	7.6 UJ	7.0 UJ	8.2 U	9.7 U	6.3 U	36 UJ	11 UJ	7.3 U	6.2 U	2,800 U	890 UJ
Carbon disulfide	280,000 {C,I,R,AD}	280,000 {C,I,R,AD}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	**6.0 J**	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 UJ	890 UJ
Carbon tetrachloride	390,000 {C}	96,000	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 UJ	890 U
Chlorobenzene	260,000 {C,I}	260,000 {C,I}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
Chlorodibromomethane	610,000 {C}	110,000	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
Chloroethane	950,000 {C}	950,000 {C}	8.2 UJ	7.6 UJ	7.0 UJ	8.2 U	9.7 U	6.3 U	36 UJ	11 UJ	7.3 U	6.2 U	2,800 U	**890 J**
Chloroform	1,500,000 {C}	1,200,000	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
Chloromethane	1,100,000 {C,I}	1,100,000 {C,I}	8.2 UJ	7.6 UJ	7.0 UJ	8.2 U	9.7 U	6.3 U	36 UJ	11 UJ	7.3 U	6.2 U	2,800 U	890 UJ
cis-1,3-Dichloropropene	620,000 {C}	130,000	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
Ethylbenzene	140,000 {C,I}	140,000 {C,I}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
Methylene chloride	2,300,000 {C}	1,300,000	240 UJ	180 UJ	9.9 U	140 U	70 U	21 U	**1,200**	280 U	29 UJ	16 U	**100,000**	**4,000**
Styrene	520,000 {C}	400,000	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
Tetrachloroethene	88,000 {C}	88,000 {C}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
Toluene	250,000 {C,I}	250,000 {C,I}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
trans-1,2-Dichloroethene	1,400,000 {C}	1,400,000 {C}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
trans-1,3-Dichloropropene	620,000 {C}	130,000	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
Trichloroethene	500,000 {C}	500,000 {C}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
Vinyl chloride	29,000	4,000	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
Xylenes, Total	150,000 {C,I}	150,000 {C,I}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	**1,600 J**	890 U

See generic notes pages.

TABLE 4-54

TCL VOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-5 (0 - 1.8') 6/21/95 FS	SD-5 (1.8 - 3.6') 6/21/95 FS	SD-5 (3.6 - 5.4') 6/21/95 FS	SD-6 (0 - 1.6') 6/21/95 FS	SD-6 (1.6 - 3.2') 6/21/95 FS	SD-6 (3.2 - 4.8') 6/21/95 FS	SD-7 (0 - 1.3') 6/21/95 FS	SD-7 (1.3 - 2.6') 6/21/95 FS	SD-7 (2.6 - 3.9') 6/21/95 FS	SD-8 (0 - 1.5') 6/21/95 FS	SD-8 (1.5 - 3') 6/21/95 FS	SD-8 (3 - 4.5') 6/21/95 FS
1,1,1-Trichloroethane	460,000 {C}	460,000 {C}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
1,1,2,2-Tetrachloroethane	370,000	53,000	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 UJ	7.5 U	8.5 UJ	8.4 UJ	6.7 U
1,1,2-Trichloroethane	920,000 {C}	180,000	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
1,1-Dichloroethane	890,000 {C}	890,000 {C}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	**8.4 J**	6.7 U
1,1-Dichloroethene	570,000 {C,I}	200,000 {I}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 UJ	7.5 U	8.5 UJ	8.4 UJ	6.7 U
1,2-Dichloroethane	640,000 {I}	91,000 {I}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
1,2-Dichloroethene, Total	640,000 {C}	640,000 {C}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
1,2-Dichloropropane	550,000 {C,I}	140,000 {I}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 UJ	7.5 U	8.5 UJ	8.4 UJ	6.7 U
1,4-Dichlorobenzene	2,900,000	400,000	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 UJ	7.5 U	8.5 UJ	8.4 UJ	6.7 U
2-Butanone	27,000,000 {C,I,AD}	27,000,000 {C,I,AD}	67 UJ	**4.6 J**	**6.4 J**	78 U	**6.9 J**	**8.6 J**	**5.4 J**	75 U	**4.8 J**	**7.5 J**	**25 J**	**4.2 J**
2-Hexanone	2,500,000 {C}	2,500,000 {C}	67 UJ	79 U	69 U	78 U	81 U	68 U	61 U	75 UJ	75 U	85 UJ	84 UJ	67 U
4-Methyl-2-pentanone	2,700,000 {C,I}	2,700,000 {C,I}	67 U	79 U	69 U	78 U	81 U	68 U	61 U	75 UJ	75 U	85 UJ	84 UJ	67 U
Acetone	110,000,000 {I}	23,000,000 {I}	**4.6 J**	79 U	68 U	78 U	81 U	68 U	61 U	75 U	**22 J**	**43 J**	**140 J**	**17 J**
Benzene	400,000 {C,I}	180,000 {I}	6.7 U	7.9 U	6.9 U	**10**	8.1 U	6.8 U	6.1 U	**7.0 J**	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Bromodichloromethane	750,000	110,000	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Bromoform	870,000 {C}	820,000	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Bromomethane	1,600,000	320,000	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Carbon disulfide	280,000 {C,I,R,AD}	280,000 {C,I,R,AD}	6.7 U	7.9 U	6.9 U	**4.5 J**	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	**12**	**3.5 J**
Carbon tetrachloride	390,000 {C}	96,000	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Chlorobenzene	260,000 {C,I}	260,000 {C,I}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 UJ	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Chlorodibromomethane	610,000 {C}	110,000	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Chloroethane	950,000 {C}	950,000 {C}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Chloroform	1,500,000 {C}	1,200,000	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Chloromethane	1,100,000 {C,I}	1,100,000 {C,I}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
cis-1,3-Dichloropropene	620,000 {C}	130,000	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Ethylbenzene	140,000 {C,I}	140,000 {C,I}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 UJ	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Methylene chloride	2,300,000 {C}	1,300,000	130 U	30 U	20 U	72 U	23 U	38 U	20 U	29 U	36 U	54 UJ	73 UJ	16 U
Styrene	520,000 {C}	400,000	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 UJ	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Tetrachloroethene	88,000 {C}	88,000 {C}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 UJ	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Toluene	250,000 {C,I}	250,000 {C,I}	6.7 U	7.9 U	**9.0**	7.8 U	8.1 U	**6.6 J**	**2.5 J**	**3.5 J**	**4.0 J**	8.5 UJ	8.4 UJ	6.7 U
trans-1,2-Dichloroethene	1,400,000 {C}	1,400,000 {C}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
trans-1,3-Dichloropropene	620,000 {C}	130,000	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Trichloroethene	500,000 {C}	500,000 {C}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Vinyl chloride	29,000	4,000	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 U	7.5 U	8.5 UJ	8.4 UJ	6.7 U
Xylenes, Total	150,000 {C,I}	150,000 {C,I}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 UJ	7.5 U	8.5 UJ	8.4 UJ	6.7 U

See generic notes pages.

TABLE 4-54

TCL VOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-9 (0 - 1.5') 6/21/95 FS	SD-9 (0 - 1.5') 6/21/95 DUP	SD-9 (1.5 - 3') 6/21/95 FS	SD-10 (0 - 0.5') 6/20/95 FS	SD-10 (0.75 - 1.25') 6/20/95 FS	SD-10 (1.5 - 2') 6/20/95 FS	SD-11 (0 - 0.5') 6/20/95 FS	SD-11 (0.9 - 1.4') 6/20/95 FS	SD-11 (1.8 - 2.3') 6/20/95 FS	SD-12 (0 - 0.5') 6/20/95 FS	SD-12 (1.05 - 1.55') 6/20/95 FS	SD-12 (1.05 - 1.55') 6/20/95 DUP	SD-12 (2.1 - 2.6') 6/20/95 FS
1,1,1-Trichloroethane	460,000 {C}	460,000 {C}	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
1,1,2,2-Tetrachloroethane	370,000	53,000	6.0 U	6.3 U	7.1 U	9.8 UJ	R	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
1,1,2-Trichloroethane	920,000 {C}	180,000	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
1,1-Dichloroethane	890,000 {C}	890,000 {C}	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
1,1-Dichloroethene	570,000 {C,I}	200,000 {I}	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	6.0 U	6.3 U	7.1 U	9.8 U	R	6.8 U	8.9 U	10 U	11 U	13 U	18 U	16 U	10 U
1,2-Dichloroethane	640,000 {I}	91,000 {I}	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
1,2-Dichloroethene, Total	640,000 {C}	640,000 {C}	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
1,2-Dichloropropane	550,000 {C,I}	140,000 {I}	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	6.0 U	6.3 U	7.1 U	9.8 U	R	6.8 U	8.9 U	10 U	11 U	13 U	18 U	16 U	10 U
1,4-Dichlorobenzene	2,900,000	400,000	6.0 U	6.3 U	7.1 U	9.8 U	R	6.8 U	8.9 U	10 U	11 U	13 U	18 U	16 U	10 U
2-Butanone	27,000,000 {C,I,AD}	27,000,000 {C,I,AD}	60 U	63 U	**11 J**	**18 J**	**14 J**	**3.7 J**	**13 J**	**5.1 J**	**21 J**	**18 J**	**45 J**	**11 J**	**46 J**
2-Hexanone	2,500,000 {C}	2,500,000 {C}	60 U	63 U	71 U	98 UJ	R	68 U	R	100 U	110 U	130 U	180 U	160 U	100 U
4-Methyl-2-pentanone	2,700,000 {C,I}	2,700,000 {C,I}	60 U	63 U	71 U	98 UJ	R	68 U	R	100 U	110 U	130 U	180 U	160 U	100 U
Acetone	110,000,000 {I}	23,000,000 {I}	**12 J**	63 UJ	**48 J**	**61 J**	**63 J**	**14 J**	**58 J**	**22 J**	**90 J**	**96 J**	**240**	**59 J**	**240**
Benzene	400,000 {C,I}	180,000 {I}	6.0 U	6.3 U	7.1 U	9.8 U	**82 J**	6.8 U	**26 J**	10 U	11 U	**9.2 J**	18 U	16 U	10 U
Bromodichloromethane	750,000	110,000	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Bromoform	870,000 {C}	820,000	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Bromomethane	1,600,000	320,000	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Carbon disulfide	280,000 {C,I,R,AD}	280,000 {C,I,R,AD}	6.0 U	6.3 U	7.1 U	9.8 U	**4.9 J**	6.8 U	R	**7.9 J**	11 U	13 U	18 U	16 U	10 U
Carbon tetrachloride	390,000 {C}	96,000	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Chlorobenzene	260,000 {C,I}	260,000 {C,I}	6.0 U	6.3 U	7.1 U	9.8 UJ	R	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Chlorodibromomethane	610,000 {C}	110,000	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Chloroethane	950,000 {C}	950,000 {C}	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Chloroform	1,500,000 {C}	1,200,000	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Chloromethane	1,100,000 {C,I}	1,100,000 {C,I}	6.0 U	6.3 UJ	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
cis-1,3-Dichloropropene	620,000 {C}	130,000	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Ethylbenzene	140,000 {C,I}	140,000 {C,I}	6.0 U	6.3 U	7.1 U	9.8 UJ	**6.9 J**	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Methylene chloride	2,300,000 {C}	1,300,000	6.9 U	6.0 U	7.0 U	29 U	**24**	26 U	R	11 U	36 U	13 U	26 U	25 U	17 U
Styrene	520,000 {C}	400,000	6.0 U	6.3 U	7.1 U	9.8 UJ	R	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Tetrachloroethene	88,000 {C}	88,000 {C}	6.0 U	6.3 U	7.1 U	9.8 UJ	R	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Toluene	250,000 {C,I}	250,000 {C,I}	6.0 U	6.3 U	**10**	9.8 UJ	**41 J**	6.8 U	**8.4 J**	10 U	11 U	13 U	18 U	16 U	10 U
trans-1,2-Dichloroethene	1,400,000 {C}	1,400,000 {C}	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
trans-1,3-Dichloropropene	620,000 {C}	130,000	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Trichloroethene	500,000 {C}	500,000 {C}	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Vinyl chloride	29,000	4,000	6.0 U	6.3 U	7.1 U	9.8 U	10 UJ	6.8 U	R	10 U	11 U	13 U	18 U	16 U	10 U
Xylenes, Total	150,000 {C,I}	150,000 {C,I}	6.0 U	6.3 U	7.1 U	9.8 UJ	**36 J**	6.8 U	**6.6 J**	10 U	11 U	13 U	18 U	16 U	10 U

See generic notes pages.

TABLE 4-54

TCL VOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-13 (0 - 0.5') 6/20/95 FS	SD-13 (1.45 - 1.95') 6/20/95 FS	SD-13 (2.9 - 3.4') 6/20/95 FS	SD-14 (0 - 0.5') 6/20/95 FS	SD-14 (0.9 - 1.4') 6/20/95 FS	SD-14 (1.8 - 2.3') 6/20/95 FS	SD-15 (0 - 0.5') 6/20/95 FS	SD-15 (0.9 - 1.4') 6/20/95 FS	SD-15 (1.8 - 2.3') 6/20/95 FS	SD-16 (0 - 0.5') 6/20/95 FS	SD-16 (1.1 - 1.6') 6/20/95 FS	SD-16 (2.2 - 2.7') 6/20/95 FS
1,1,1-Trichloroethane	460,000 {C}	460,000 {C}	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
1,1,2,2-Tetrachloroethane	370,000	53,000	15 U	18 UJ	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	R	7.8 UJ	R
1,1,2-Trichloroethane	920,000 {C}	180,000	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
1,1-Dichloroethane	890,000 {C}	890,000 {C}	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
1,1-Dichloroethene	570,000 {C,I}	200,000 {I}	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	15 U	18 UJ	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	R	7.8 U	R
1,2-Dichloroethane	640,000 {I}	91,000 {I}	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 UJ	8.1 UJ
1,2-Dichloroethene, Total	640,000 {C}	640,000 {C}	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
1,2-Dichloropropane	550,000 {C,I}	140,000 {I}	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	15 U	18 UJ	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	R	7.8 UJ	R
1,4-Dichlorobenzene	2,900,000	400,000	15 U	18 UJ	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	R	7.8 UJ	R
2-Butanone	27,000,000 {C,I,AD}	27,000,000 {C,I,AD}	**30 J**	**46 J**	**7.6 J**	**24 J**	**31 J**	**18 J**	**37 J**	**28 J**	**23 J**	**26 J**	**7.3 J**	**23 J**
2-Hexanone	2,500,000 {C}	2,500,000 {C}	150 U	180 UJ	90 UJ	130 U	180 U	100 U	140 U	140 U	92 U	R	78 UJ	R
4-Methyl-2-pentanone	2,700,000 {C,I}	2,700,000 {C,I}	150 U	180 UJ	90 UJ	130 U	180 U	100 U	140 U	140 U	92 U	R	78 UJ	R
Acetone	110,000,000 {I}	23,000,000 {I}	**120 J**	**190 J**	**31 J**	**130**	**110 JB**	100 U	**210**	**150**	**100**	**99 J**	**26 J**	**110 J**
Benzene	400,000 {C,I}	180,000 {I}	**8.4 J**	18 U	9.0 UJ	**9.1 J**	18 U	10 U	14 U	14 U	9.2 U	**36 J**	7.8 U	8.1 UJ
Bromodichloromethane	750,000	110,000	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
Bromoform	870,000 {C}	820,000	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
Bromomethane	1,600,000	320,000	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
Carbon disulfide	280,000 {C,I,R,AD}	280,000 {C,I,R,AD}	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	**4.6 J**
Carbon tetrachloride	390,000 {C}	96,000	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
Chlorobenzene	260,000 {C,I}	260,000 {C,I}	15 U	18 UJ	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	R	7.8 UJ	R
Chlorodibromomethane	610,000 {C}	110,000	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
Chloroethane	950,000 {C}	950,000 {C}	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
Chloroform	1,500,000 {C}	1,200,000	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
Chloromethane	1,100,000 {C,I}	1,100,000 {C,I}	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
cis-1,3-Dichloropropene	620,000 {C}	130,000	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
Ethylbenzene	140,000 {C,I}	140,000 {C,I}	15 U	18 UJ	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
Methylene chloride	2,300,000 {C}	1,300,000	330 U	240 U	160 UJ	57 U	81 U	28 U	490 U	75 U	84 U	**4.4 J**	7.8 UJ	R
Styrene	520,000 {C}	400,000	15 U	18 UJ	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	71 UJ	5.9 U	24 UJ
Tetrachloroethene	88,000 {C}	88,000 {C}	15 U	18 UJ	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	R	7.8 UJ	R
Toluene	250,000 {C,I}	250,000 {C,I}	15 U	18 UJ	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	R	7.8 UJ	R
trans-1,2-Dichloroethene	1,400,000 {C}	1,400,000 {C}	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	**11 J**	7.8 UJ	R
trans-1,3-Dichloropropene	620,000 {C}	130,000	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
Trichloroethene	500,000 {C}	500,000 {C}	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
Vinyl chloride	29,000	4,000	15 U	18 U	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	10 UJ	7.8 U	8.1 UJ
Xylenes, Total	150,000 {C,I}	150,000 {C,I}	15 U	18 UJ	9.0 UJ	13 U	18 U	10 U	14 U	14 U	9.2 U	**19 J**	7.8 UJ	8.1 UJ

See generic notes pages.

TABLE 4-54

TCL VOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-18 (0 - 0.5') 6/20/95 FS	SD-18 (2.25 - 2.75') 6/20/95 FS	SD-18 (4.5 - 5') 6/20/95 FS	SD-19 (0 - 0.5') 6/20/95 FS	SD-19 (1.75 - 2.25') 6/20/95 FS	SD-19 (3.5 - 4') 6/20/95 FS	SD-20 (0 - 0.5') 6/20/95 FS	SD-20 (0.7 - 1.2') 6/20/95 FS	SD-20 (1.4 - 1.9') 6/20/95 FS	SD-21 (0 - 0.5') 6/20/95 FS	SD-21 (0.65 - 1.15') 6/20/95 FS	SD-21 (1.3 - 1.8') 6/20/95 FS
1,1,1-Trichloroethane	460,000 {C}	460,000 {C}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
1,1,2,2-Tetrachloroethane	370,000	53,000	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
1,1,2-Trichloroethane	920,000 {C}	180,000	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
1,1-Dichloroethane	890,000 {C}	890,000 {C}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
1,1-Dichloroethene	570,000 {C,I}	200,000 {I}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
1,2-Dichloroethane	640,000 {I}	91,000 {I}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
1,2-Dichloroethene, Total	640,000 {C}	640,000 {C}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
1,2-Dichloropropane	550,000 {C,I}	140,000 {I}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
1,4-Dichlorobenzene	2,900,000	400,000	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
2-Butanone	27,000,000 {C,I,AD}	27,000,000 {C,I,AD}	**38 J**	**5.7 J**	**4.9 J**	**94 J**	**4.5 J**	73 U	**27 J**	**21 J**	**28 J**	150 U	**16 J**	**10 J**
2-Hexanone	2,500,000 {C}	2,500,000 {C}	660 U	110 U	74 U	770 U	110 U	73 U	140 U	150 U	93 U	150 U	160 U	88 U
4-Methyl-2-pentanone	2,700,000 {C,I}	2,700,000 {C,I}	660 U	110 U	74 U	770 U	110 U	73 U	140 U	150 U	93 U	150 U	160 U	88 U
Acetone	110,000,000 {I}	23,000,000 {I}	**160 J**	**24 J**	**21 J**	**610 J**	**37 J**	**9.7 J**	93 U	**120 J**	**120**	150 U	**98 J**	**83 J**
Benzene	400,000 {C,I}	180,000 {I}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Bromodichloromethane	750,000	110,000	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Bromoform	870,000 {C}	820,000	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Bromomethane	1,600,000	320,000	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Carbon disulfide	280,000 {C,I,R,AD}	280,000 {C,I,R,AD}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Carbon tetrachloride	390,000 {C}	96,000	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Chlorobenzene	260,000 {C,I}	260,000 {C,I}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Chlorodibromomethane	610,000 {C}	110,000	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Chloroethane	950,000 {C}	950,000 {C}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Chloroform	1,500,000 {C}	1,200,000	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Chloromethane	1,100,000 {C,I}	1,100,000 {C,I}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
cis-1,3-Dichloropropene	620,000 {C}	130,000	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Ethylbenzene	140,000 {C,I}	140,000 {C,I}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Methylene chloride	2,300,000 {C}	1,300,000	890 U	11 U	12 U	**1,600**	28 U	19 U	25 U	61 U	44 U	13 U	21 U	9.3 U
Styrene	520,000 {C}	400,000	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Tetrachloroethene	88,000 {C}	88,000 {C}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Toluene	250,000 {C,I}	250,000 {C,I}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
trans-1,2-Dichloroethene	1,400,000 {C}	1,400,000 {C}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
trans-1,3-Dichloropropene	620,000 {C}	130,000	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Trichloroethene	500,000 {C}	500,000 {C}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Vinyl chloride	29,000	4,000	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U
Xylenes, Total	150,000 {C,I}	150,000 {C,I}	66 U	11 U	7.4 U	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U

See generic notes pages.

TABLE 4-54

TCL VOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-22 (0 - 1.2') 6/19/95 FS	SD-22 (1.2 - 2.4') 6/19/95 FS	SD-22 (2.4 - 3.6') 6/19/95 FS	SD-23 (0 - 1.2') 6/19/95 FS	SD-23 (1.2 - 2.4') 6/19/95 FS	SD-23 (2.4 - 3.6') 6/19/95 FS	SD-24 (0 - 1.5') 6/19/95 FS	SD-24 (1.5 - 3') 6/19/95 FS	SD-25 (0 - 1.1') 6/19/95 FS	SD-25 (1.1 - 2.2') 6/19/95 FS	SD-25 (2.2 - 3.3') 6/19/95 FS
1,1,1-Trichloroethane	460,000 {C}	460,000 {C}	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
1,1,2,2-Tetrachloroethane	370,000	53,000	6.1 UJ	6.7 UJ	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
1,1,2-Trichloroethane	920,000 {C}	180,000	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
1,1-Dichloroethane	890,000 {C}	890,000 {C}	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
1,1-Dichloroethene	570,000 {C,I}	200,000 {I}	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	6.1 UJ	6.7 UJ	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
1,2-Dichloroethane	640,000 {I}	91,000 {I}	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
1,2-Dichloroethene, Total	640,000 {C}	640,000 {C}	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
1,2-Dichloropropane	550,000 {C,I}	140,000 {I}	6.1 UJ	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	6.1 U	6.7 UJ	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
1,4-Dichlorobenzene	2,900,000	400,000	6.1 UJ	6.7 UJ	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
2-Butanone	27,000,000 {C,I,AD}	27,000,000 {C,I,AD}	61 U	5.2 UJ	6.4 U	7,600 U	**5.5 J**	69 U	**19 J**	**9.9 J**	3.8 U	4.5 U	5.9 U
2-Hexanone	2,500,000 {C}	2,500,000 {C}	61 UJ	67 UJ	67 U	7,600 U	74 U	69 U	79 U	78 U	70 U	66 U	70 U
4-Methyl-2-pentanone	2,700,000 {C,I}	2,700,000 {C,I}	61 UJ	67 UJ	67 U	7,600 U	74 U	69 U	79 U	78 U	70 U	66 U	70 U
Acetone	110,000,000 {I}	23,000,000 {I}	9.9 UJ	37 UJ	33 UJ	7,600 U	21 U	**12 J**	**120 JB**	**43 J**	18 UJ	24 UJ	34 UJ
Benzene	400,000 {C,I}	180,000 {I}	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
Bromodichloromethane	750,000	110,000	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
Bromoform	870,000 {C}	820,000	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
Bromomethane	1,600,000	320,000	6.1 UJ	6.7 UJ	6.7 UJ	760 UJ	7.4 U	6.9 U	7.9 U	7.8 U	7.0 UJ	6.6 UJ	7.0 UJ
Carbon disulfide	280,000 {C,I,R,AD}	280,000 {C,I,R,AD}	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	**3.0 J**
Carbon tetrachloride	390,000 {C}	96,000	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
Chlorobenzene	260,000 {C,I}	260,000 {C,I}	6.1 UJ	6.7 UJ	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
Chlorodibromomethane	610,000 {C}	110,000	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
Chloroethane	950,000 {C}	950,000 {C}	6.1 UJ	6.7 UJ	6.7 UJ	760 UJ	7.4 UJ	6.9 U	7.9 UJ	7.8 U	7.0 UJ	6.6 UJ	7.0 UJ
Chloroform	1,500,000 {C}	1,200,000	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
Chloromethane	1,100,000 {C,I}	1,100,000 {C,I}	6.1 UJ	6.7 UJ	6.7 UJ	760 UJ	7.4 U	6.9 U	7.9 U	7.8 U	7.0 UJ	6.6 UJ	7.0 UJ
cis-1,3-Dichloropropene	620,000 {C}	130,000	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
Ethylbenzene	140,000 {C,I}	140,000 {C,I}	6.1 UJ	6.7 UJ	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
Methylene chloride	2,300,000 {C}	1,300,000	6.0 U	12 U	11 U	8,000 U	96 U	40 U	7.9 U	8.4 U	7.0 U	15 U	7.0 U
Styrene	520,000 {C}	400,000	6.1 UJ	6.7 UJ	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
Tetrachloroethene	88,000 {C}	88,000 {C}	6.1 UJ	6.7 UJ	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
Toluene	250,000 {C,I}	250,000 {C,I}	6.1 UJ	7.1 UJ	6.7 U	**390 J**	7.4 U	**5.0 J**	7.9 U	**18**	7.0 U	6.6 U	7.0 U
trans-1,2-Dichloroethene	1,400,000 {C}	1,400,000 {C}	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
trans-1,3-Dichloropropene	620,000 {C}	130,000	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
Trichloroethene	500,000 {C}	500,000 {C}	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
Vinyl chloride	29,000	4,000	6.1 U	6.7 U	6.7 U	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U
Xylenes, Total	150,000 {C,I}	150,000 {C,I}	6.1 UJ	6.7 UJ	6.7 U	**310 J**	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U

See generic notes pages.

TABLE 4-54

TCL VOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-26 (0 - 1.2') 6/19/95 FS	SD-26 (1.2 - 2.4') 6/19/95 FS	SD-26 (2.4 - 3.6') 6/19/95 FS	SD-27 (0 - 1.3') 6/19/95 FS	SD-27 (1.3 - 2.6') 6/19/95 FS	SD-27 (2.6 - 3.9') 6/19/95 FS	SD-28 (0 - 1.2') 6/19/95 FS	SD-28 (1.2 - 2.4') 6/19/95 FS	SD-28 (2.4 - 3.6') 6/19/95 FS	SD-29 (0 - 1.2') 6/19/95 FS	SD-29 (1.2 - 2.4') 6/19/95 FS	SD-29 (2.4 - 3.6') 6/19/95 FS
1,1,1-Trichloroethane	460,000 {C}	460,000 {C}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
1,1,2,2-Tetrachloroethane	370,000	53,000	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
1,1,2-Trichloroethane	920,000 {C}	180,000	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
1,1-Dichloroethane	890,000 {C}	890,000 {C}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
1,1-Dichloroethene	570,000 {C,I}	200,000 {I}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
1,2-Dichloroethane	640,000 {I}	91,000 {I}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
1,2-Dichloroethene, Total	640,000 {C}	640,000 {C}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
1,2-Dichloropropane	550,000 {C,I}	140,000 {I}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
1,4-Dichlorobenzene	2,900,000	400,000	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
2-Butanone	27,000,000 {C,I,AD}	27,000,000 {C,I,AD}	**27 J**	**11 J**	**5.9 J**	9,800 U	**5.1 J**	68 U	23,000 U	**4.6 J**	**3.5 J**	82 U	72 U	**5.6 J**
2-Hexanone	2,500,000 {C}	2,500,000 {C}	78 U	73 U	67 U	9,800 U	71 U	68 U	23,000 U	72 U	67 U	82 U	72 U	74 U
4-Methyl-2-pentanone	2,700,000 {C,I}	2,700,000 {C,I}	78 U	73 U	67 U	9,800 U	71 U	68 U	23,000 U	72 U	67 U	82 U	72 U	74 U
Acetone	110,000,000 {I}	23,000,000 {I}	**150 J**	**51 J**	25 U	9,800 U	29 U	**18 J**	23,000 U	28 U	**26 J**	**9.4 J**	72 UJ	**23 J**
Benzene	400,000 {C,I}	180,000 {I}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Bromodichloromethane	750,000	110,000	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Bromoform	870,000 {C}	820,000	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Bromomethane	1,600,000	320,000	7.8 U	7.3 U	6.7 U	980 UJ	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Carbon disulfide	280,000 {C,I,R,AD}	280,000 {C,I,R,AD}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Carbon tetrachloride	390,000 {C}	96,000	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Chlorobenzene	260,000 {C,I}	260,000 {C,I}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Chlorodibromomethane	610,000 {C}	110,000	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Chloroethane	950,000 {C}	950,000 {C}	7.8 U	7.3 U	6.7 UJ	980 UJ	7.1 UJ	6.8 U	2,300 UJ	7.2 UJ	6.7 U	8.2 U	7.2 U	7.4 U
Chloroform	1,500,000 {C}	1,200,000	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Chloromethane	1,100,000 {C,I}	1,100,000 {C,I}	7.8 U	7.3 U	6.7 U	980 UJ	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
cis-1,3-Dichloropropene	620,000 {C}	130,000	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Ethylbenzene	140,000 {C,I}	140,000 {C,I}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Methylene chloride	2,300,000 {C}	1,300,000	7.8 U	7.6 U	3.6 U	18,000 U	52 U	13 U	**66,000**	28 U	42 U	8.2 U	7.2 U	13 U
Styrene	520,000 {C}	400,000	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Tetrachloroethene	88,000 {C}	88,000 {C}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Toluene	250,000 {C,I}	250,000 {C,I}	7.8 U	7.3 U	6.7 U	980 U	**3.5 J**	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	**5.1 J**
trans-1,2-Dichloroethene	1,400,000 {C}	1,400,000 {C}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
trans-1,3-Dichloropropene	620,000 {C}	130,000	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Trichloroethene	500,000 {C}	500,000 {C}	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Vinyl chloride	29,000	4,000	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U
Xylenes, Total	150,000 {C,I}	150,000 {C,I}	7.8 U	7.3 U	6.7 U	**260 J**	7.1 U	6.8 U	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U

See generic notes pages.

TABLE 4-54

TCL VOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-30 (0 - 1.1') 6/19/95 FS	SD-30 (1.1 - 2.2') 6/19/95 FS	SD-30 (2.2 - 3.3') 6/19/95 FS	SD-31 (0 - 1.1') 6/19/95 FS	SD-31 (1.1 - 2.2') 6/19/95 FS	SD-31 (2.2 - 3.3') 6/19/95 FS	SD-32 (0 - 1.4') 6/19/95 FS	SD-32 (0 - 1.4') 6/19/95 DUP	SD-32 (1.4 - 2.8') 6/19/95 FS	SD-32 (2.8 - 4.2') 6/19/95 FS	SD-33 (0 - 1.3') 6/19/95 FS	SD-33 (1.3 - 2.6') 6/19/95 FS	SD-33 (2.6 - 3.9') 6/19/95 FS
1,1,1-Trichloroethane	460,000 {C}	460,000 {C}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
1,1,2,2-Tetrachloroethane	370,000	53,000	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
1,1,2-Trichloroethane	920,000 {C}	180,000	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
1,1-Dichloroethane	890,000 {C}	890,000 {C}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
1,1-Dichloroethene	570,000 {C,I}	200,000 {I}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
1,2-Dichloroethane	640,000 {I}	91,000 {I}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
1,2-Dichloroethene, Total	640,000 {C}	640,000 {C}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
1,2-Dichloropropane	550,000 {C,I}	140,000 {I}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
1,4-Dichlorobenzene	2,900,000	400,000	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
2-Butanone	27,000,000 {C,I,AD}	27,000,000 {C,I,AD}	86 U	63 U	**4.3 J**	88 U	68 U	61 U	100 U	**52 J**	**66 J**	62 U	**57 J**	**71 J**	**59 J**
2-Hexanone	2,500,000 {C}	2,500,000 {C}	86 U	63 U	66 UJ	88 U	68 U	61 U	100 U	**110 J**	**66 J**	62 U	**110 J**	**140 J**	**59 J**
4-Methyl-2-pentanone	2,700,000 {C,I}	2,700,000 {C,I}	86 U	63 U	66 UJ	88 U	68 U	61 U	100 U	110 U	66 U	62 U	110 U	140 U	59 U
Acetone	110,000,000 {I}	23,000,000 {I}	86 UJ	**5.4 J**	**18 J**	88 U	68 U	61 U	200 U	**200 J**	66 U	62 U	**230 J**	**290 J**	59 UJ
Benzene	400,000 {C,I}	180,000 {I}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Bromodichloromethane	750,000	110,000	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Bromoform	870,000 {C}	820,000	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Bromomethane	1,600,000	320,000	8.6 U	6.3 U	6.6 U	**8.8 J**	**6.8 J**	**6.1 J**	**10 J**	11 U	6.6 U	**6.2 J**	11 U	14 U	5.9 U
Carbon disulfide	280,000 {C,I,R,AD}	280,000 {C,I,R,AD}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Carbon tetrachloride	390,000 {C}	96,000	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Chlorobenzene	260,000 {C,I}	260,000 {C,I}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Chlorodibromomethane	610,000 {C}	110,000	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Chloroethane	950,000 {C}	950,000 {C}	8.6 U	6.3 U	6.6 U	**8.8 J**	**6.8 J**	**6.1 J**	**10 J**	11 U	6.6 U	**6.2 J**	11 U	14 U	5.9 U
Chloroform	1,500,000 {C}	1,200,000	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Chloromethane	1,100,000 {C,I}	1,100,000 {C,I}	8.6 U	6.3 U	6.6 U	**8.8 J**	**6.8 J**	**6.1 J**	**10 J**	11 U	6.6 U	**6.2 J**	11 U	14 U	5.9 U
cis-1,3-Dichloropropene	620,000 {C}	130,000	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Ethylbenzene	140,000 {C,I}	140,000 {C,I}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Methylene chloride	2,300,000 {C}	1,300,000	8.6 U	4.8 U	6.6 U	11 U	11 U	6.0 U	10 U	68 U	9.5 U	9.1 U	52 U	34 U	6.0 U
Styrene	520,000 {C}	400,000	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Tetrachloroethene	88,000 {C}	88,000 {C}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Toluene	250,000 {C,I}	250,000 {C,I}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	**5.2 J**	10 U	11 U	6.6 U	**3.0 J**	11 U	14 U	5.9 U
trans-1,2-Dichloroethene	1,400,000 {C}	1,400,000 {C}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
trans-1,3-Dichloropropene	620,000 {C}	130,000	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Trichloroethene	500,000 {C}	500,000 {C}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Vinyl chloride	29,000	4,000	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U
Xylenes, Total	150,000 {C,I}	150,000 {C,I}	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U

See generic notes pages.

TABLE 4-54

TCL VOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-34 (0 - 1.3') 6/21/95 FS	SD-34 (1.3 - 2.6') 6/21/95 FS	SD-34 (2.6 - 3.9') 6/21/95 FS	SD-35 (0 - 1.5') 6/21/95 FS	SD-35 (1.5 - 3') 6/21/95 FS	SD-35 (3 - 4.5') 6/21/95 FS	SD-36 (0 - 1.2') 6/19/95 FS	SD-36 (1.2 - 2.4') 6/19/95 FS	SD-36 (2.4 - 3.6') 6/19/95 FS	SD-37 (0 - 1.3') 6/19/95 FS	SD-37 (1.3 - 2.6') 6/19/95 FS	SD-37 (1.3 - 2.6') 6/19/95 DUP	SD-37 (2.6 - 3.9') 6/19/95 FS
1,1,1-Trichloroethane	460,000 {C}	460,000 {C}	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
1,1,2,2-Tetrachloroethane	370,000	53,000	7.1 UJ	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
1,1,2-Trichloroethane	920,000 {C}	180,000	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
1,1-Dichloroethane	890,000 {C}	890,000 {C}	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
1,1-Dichloroethene	570,000 {C,I}	200,000 {I}	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	7.1 UJ	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
1,2-Dichloroethane	640,000 {I}	91,000 {I}	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
1,2-Dichloroethene, Total	640,000 {C}	640,000 {C}	7.1 U	7.5 U	7.0 U	**5.1 J**	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
1,2-Dichloropropane	550,000 {C,I}	140,000 {I}	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	7.1 UJ	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
1,4-Dichlorobenzene	2,900,000	400,000	7.1 UJ	7.5 U	7.0 U	9.9 U	**5.3 J**	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
2-Butanone	27,000,000 {C,I,AD}	27,000,000 {C,I,AD}	**9.1 J**	**3.9 J**	**3.6 J**	**10 J**	**4.0 J**	**3.5 J**	**8.1 J**	**5.2 J**	**19 J**	**17 J**	**3.4 J**	**8.8 J**	**8.1 J**
2-Hexanone	2,500,000 {C}	2,500,000 {C}	71 UJ	75 U	70 U	99 UJ	70 UJ	74 U	**72 J**	**70 J**	**76 J**	**71 J**	**73 J**	**75 J**	**66 J**
4-Methyl-2-pentanone	2,700,000 {C,I}	2,700,000 {C,I}	71 UJ	75 U	70 U	99 U	70 U	74 U	72 U	70 U	76 U	71 U	73 U	75 U	66 U
Acetone	110,000,000 {I}	23,000,000 {I}	71 U	75 U	70 U	**100**	**48 J**	74 UJ	**30 J**	**18 J**	**79 J**	**75 J**	**12 J**	**33 J**	**30 J**
Benzene	400,000 {C,I}	180,000 {I}	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Bromodichloromethane	750,000	110,000	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Bromoform	870,000 {C}	820,000	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Bromomethane	1,600,000	320,000	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Carbon disulfide	280,000 {C,I,R,AD}	280,000 {C,I,R,AD}	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Carbon tetrachloride	390,000 {C}	96,000	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Chlorobenzene	260,000 {C,I}	260,000 {C,I}	7.1 UJ	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	**2.7 J**
Chlorodibromomethane	610,000 {C}	110,000	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Chloroethane	950,000 {C}	950,000 {C}	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Chloroform	1,500,000 {C}	1,200,000	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Chloromethane	1,100,000 {C,I}	1,100,000 {C,I}	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
cis-1,3-Dichloropropene	620,000 {C}	130,000	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Ethylbenzene	140,000 {C,I}	140,000 {C,I}	7.1 UJ	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Methylene chloride	2,300,000 {C}	1,300,000	7.1 U	7.0 U	7.0 U	9.9 U	7.0 U	7.0 U	42 U	75 U	100 U	74 U	63 U	88 U	81 U
Styrene	520,000 {C}	400,000	7.1 UJ	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Tetrachloroethene	88,000 {C}	88,000 {C}	7.1 UJ	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Toluene	250,000 {C,I}	250,000 {C,I}	7.1 UJ	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
trans-1,2-Dichloroethene	1,400,000 {C}	1,400,000 {C}	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
trans-1,3-Dichloropropene	620,000 {C}	130,000	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Trichloroethene	500,000 {C}	500,000 {C}	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Vinyl chloride	29,000	4,000	7.1 U	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U
Xylenes, Total	150,000 {C,I}	150,000 {C,I}	7.1 UJ	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U

See generic notes pages.

TABLE 4-54

TCL VOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-38 (0 - 1.2') 6/19/95 FS	SD-38 (1.2 - 2.4') 6/19/95 FS	SD-39 (0 - 1') 6/22/95 FS	SD-39 (1 - 2') 6/22/95 FS	SD-39 (1 - 2') 6/22/95 DUP	SD-40 (0 - 1.1') 6/22/95 FS	SD-40 (1.1 - 2.2') 6/22/95 FS	SD-41 (0 - 1') 6/22/95 FS	SD-41 (1 - 2') 6/22/95 FS	SD-42 (0 - 1') 6/22/95 FS	SD-42 (1 - 2') 6/22/95 FS	SD-43 (0 - 0.8') 6/15/95 FS	SD-43 (0.8 - 1.6') 6/15/95 FS
1,1,1-Trichloroethane	460,000 {C}	460,000 {C}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
1,1,2,2-Tetrachloroethane	370,000	53,000	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	R	6.0 U	5.2 U	6.4 U	7.1 UJ	5.9 U
1,1,2-Trichloroethane	920,000 {C}	180,000	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
1,1-Dichloroethane	890,000 {C}	890,000 {C}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
1,1-Dichloroethene	570,000 {C,I}	200,000 {I}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 U	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
1,2-Dichloroethane	640,000 {I}	91,000 {I}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
1,2-Dichloroethene, Total	640,000 {C}	640,000 {C}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
1,2-Dichloropropane	550,000 {C,I}	140,000 {I}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 U	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
1,4-Dichlorobenzene	2,900,000	400,000	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	**4.1 J**	**2.8 J**	5.2 U	6.4 U	7.1 U	5.9 U
2-Butanone	27,000,000 {C,I,AD}	27,000,000 {C,I,AD}	**21 J**	**4.3 J**	61 UJ	54 UJ	62 UJ	**14 J**	13 UJ	**5.4 J**	60 UJ	52 UJ	64 UJ	71 UJ	59 UJ
2-Hexanone	2,500,000 {C}	2,500,000 {C}	**100 J**	**66 J**	61 UJ	54 UJ	62 UJ	89 UJ	68 UJ	R	60 UJ	52 UJ	64 UJ	71 UJ	59 UJ
4-Methyl-2-pentanone	2,700,000 {C,I}	2,700,000 {C,I}	**100 J**	66 U	61 U	54 U	62 UJ	89 UJ	68 U	69 UJ	60 UJ	52 UJ	64 UJ	71 UJ	59 UJ
Acetone	110,000,000 {I}	23,000,000 {I}	**99 J**	**15 J**	**3.0 J**	**4.1 J**	**8.9 J**	**58 J**	**65 J**	**75 J**	**11 J**	52 UJ	**4.4 J**	**86 J**	**10 J**
Benzene	400,000 {C,I}	180,000 {I}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Bromodichloromethane	750,000	110,000	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Bromoform	870,000 {C}	820,000	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Bromomethane	1,600,000	320,000	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 UJ	5.9 U
Carbon disulfide	280,000 {C,I,R,AD}	280,000 {C,I,R,AD}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Carbon tetrachloride	390,000 {C}	96,000	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Chlorobenzene	260,000 {C,I}	260,000 {C,I}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	R	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Chlorodibromomethane	610,000 {C}	110,000	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Chloroethane	950,000 {C}	950,000 {C}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 UJ	5.9 U
Chloroform	1,500,000 {C}	1,200,000	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Chloromethane	1,100,000 {C,I}	1,100,000 {C,I}	**5.8 J**	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 UJ	5.9 U
cis-1,3-Dichloropropene	620,000 {C}	130,000	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Ethylbenzene	140,000 {C,I}	140,000 {C,I}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	R	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Methylene chloride	2,300,000 {C}	1,300,000	28 U	28 U	6.1 U	5.4 U	5.7 U	8.9 U	7.0 U	6.9 UJ	6.0 U	5.2 U	6.4 U	74 U	14 U
Styrene	520,000 {C}	400,000	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	R	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Tetrachloroethene	88,000 {C}	88,000 {C}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	R	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Toluene	250,000 {C,I}	250,000 {C,I}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	**19 J**	6.0 U	5.2 U	**2.9 J**	7.1 U	5.9 U
trans-1,2-Dichloroethene	1,400,000 {C}	1,400,000 {C}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
trans-1,3-Dichloropropene	620,000 {C}	130,000	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Trichloroethene	500,000 {C}	500,000 {C}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Vinyl chloride	29,000	4,000	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	6.9 UJ	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U
Xylenes, Total	150,000 {C,I}	150,000 {C,I}	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U	R	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U

See generic notes pages.

TABLE 4-54

TCL VOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-44 (0 - 0.9') 6/15/95 FS	SD-44 (0.9 - 1.8') 6/15/95 FS	SD-45 (0 - 0.7') 6/15/95 FS	SD-45 (0.7 - 1.4') 6/15/95 FS	SD-46 (0 - 1.5') 6/15/95 FS	SD-46 (1.5 - 3') 6/15/95 FS	SD-46 (3 - 4.5') 6/15/95 FS	SD-47 (0 - 1.5') 6/15/95 FS	SD-47 (1.5 - 3') 6/15/95 FS	SD-48 (0 - 1.3') 6/15/95 FS	SD-48 (1.3 - 2.6') 6/15/95 FS	SD-59 (0 - 0.5') 8/10/00 FS	SD-60 (0 - 0.5') 8/10/00 FS
1,1,1-Trichloroethane	460,000 {C}	460,000 {C}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
1,1,2,2-Tetrachloroethane	370,000	53,000	10 U	7.9 U	6.9 U	6.6 U	9.6 UJ	7.4 UJ	6.7 UJ	31 UJ	6.7 UJ	6.4 U	6.7 U	8.4 U	8.4 U
1,1,2-Trichloroethane	920,000 {C}	180,000	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
1,1-Dichloroethane	890,000 {C}	890,000 {C}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
1,1-Dichloroethene	570,000 {C,I}	200,000 {I}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	550 U	550 U
1,2-Dichloroethane	640,000 {I}	91,000 {I}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
1,2-Dichloroethene, Total	640,000 {C}	640,000 {C}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
1,2-Dichloropropane	550,000 {C,I}	140,000 {I}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	550 U	550 U
1,4-Dichlorobenzene	2,900,000	400,000	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	550 U	550 U
2-Butanone	27,000,000 {C,I,AD}	27,000,000 {C,I,AD}	**18 J**	**6.9 J**	**8.7 J**	**9.6 J**	**28 J**	**18 J**	**6.8 J**	310 UJ	67 UJ	64 U	**6.7 J**	33 U	34 U
2-Hexanone	2,500,000 {C}	2,500,000 {C}	100 U	79 U	69 U	66 U	96 UJ	74 UJ	67 UJ	310 UJ	67 UJ	64 U	67 U	33 U	34 U
4-Methyl-2-pentanone	2,700,000 {C,I}	2,700,000 {C,I}	100 U	79 U	69 U	66 U	96 UJ	74 UJ	67 UJ	310 UJ	67 UJ	64 U	67 U	33 U	34 U
Acetone	110,000,000 {I}	23,000,000 {I}	**80 J**	**32 J**	**70 J**	**67 J**	**180 J**	**82 J**	**29 J**	**22 J**	**7.2 J**	**12 J**	**33 J**	33 U	**32 J**
Benzene	400,000 {C,I}	180,000 {I}	**6.3 J**	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
Bromodichloromethane	750,000	110,000	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
Bromoform	870,000 {C}	820,000	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
Bromomethane	1,600,000	320,000	10 U	7.9 U	6.9 U	6.6 U	9.6 UJ	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	17 U	17 U
Carbon disulfide	280,000 {C,I,R,AD}	280,000 {C,I,R,AD}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
Carbon tetrachloride	390,000 {C}	96,000	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
Chlorobenzene	260,000 {C,I}	260,000 {C,I}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	**1.2 J**
Chlorodibromomethane	610,000 {C}	110,000	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
Chloroethane	950,000 {C}	950,000 {C}	10 UJ	7.9 UJ	6.9 UJ	6.6 UJ	9.6 UJ	7.4 U	6.7 UJ	31 U	6.7 U	6.4 UJ	6.7 UJ	17 U	17 U
Chloroform	1,500,000 {C}	1,200,000	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
Chloromethane	1,100,000 {C,I}	1,100,000 {C,I}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	17 U	17 U
cis-1,3-Dichloropropene	620,000 {C}	130,000	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
Ethylbenzene	140,000 {C,I}	140,000 {C,I}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
Methylene chloride	2,300,000 {C}	1,300,000	84 U	36 U	42 U	16 U	53 U	97 U	260 U	500 U	**15 B**	14 U	10 U	8.4 U	11 U
Styrene	520,000 {C}	400,000	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
Tetrachloroethene	88,000 {C}	88,000 {C}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
Toluene	250,000 {C,I}	250,000 {C,I}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
trans-1,2-Dichloroethene	1,400,000 {C}	1,400,000 {C}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	NA	NA
trans-1,3-Dichloropropene	620,000 {C}	130,000	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
Trichloroethene	500,000 {C}	500,000 {C}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U
Vinyl chloride	29,000	4,000	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	17 U	17 U
Xylenes, Total	150,000 {C,I}	150,000 {C,I}	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U	6.4 U	6.7 U	8.4 U	8.4 U

See generic notes pages.

TABLE 4-54

TCL VOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-61 (0 - 0.5') 8/10/00	SD-62 (0 - 0.5') 8/10/00		SD-64 (0 - 0.5') 8/10/00	SD-65 (0 - 0.5') 8/10/00
			FS	FS	DUP	FS	FS
1,1,1-Trichloroethane	460,000 {C}	460,000 {C}	8.1 U	6.4 U	7.0 U	10 U	8.1 U
1,1,2,2-Tetrachloroethane	370,000	53,000	8.1 U	6.4 U	7.0 U	10 U	8.1 U
1,1,2-Trichloroethane	920,000 {C}	180,000	8.1 U	6.4 UJ	7.0 UJ	10 UJ	8.1 U
1,1-Dichloroethane	890,000 {C}	890,000 {C}	8.1 U	6.4 U	7.0 U	10 U	8.1 U
1,1-Dichloroethene	570,000 {C,I}	200,000 {I}	8.1 U	6.4 U	7.0 U	10 U	8.1 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	530 U	1,700 U	1,200 U	690 U	540 U
1,2-Dichloroethane	640,000 {I}	91,000 {I}	8.1 U	6.4 U	7.0 U	10 U	8.1 U
1,2-Dichloroethene, Total	640,000 {C}	640,000 {C}	8.1 U	6.4 U	7.0 U	10 U	8.1 U
1,2-Dichloropropane	550,000 {C,I}	140,000 {I}	8.1 U	6.4 U	7.0 U	10 U	8.1 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	530 U	1,700 U	1,200 U	690 U	540 U
1,4-Dichlorobenzene	2,900,000	400,000	530 U	1,700 U	1,200 U	690 U	540 U
2-Butanone	27,000,000 {C,I,AD}	27,000,000 {C,I,AD}	32 U	26 U	28 U	42 U	32 U
2-Hexanone	2,500,000 {C}	2,500,000 {C}	32 U	26 UJ	28 UJ	42 UJ	32 U
4-Methyl-2-pentanone	2,700,000 {C,I}	2,700,000 {C,I}	32 U	26 U	28 U	42 U	32 U
Acetone	110,000,000 {I}	23,000,000 {I}	**33 J**	**23 J**	**15 J**	**24 J**	32 U
Benzene	400,000 {C,I}	180,000 {I}	8.1 U	6.4 U	7.0 U	10 U	8.1 U
Bromodichloromethane	750,000	110,000	8.1 U	6.4 U	7.0 U	10 U	8.1 U
Bromoform	870,000 {C}	820,000	8.1 U	6.4 UJ	7.0 UJ	10 UJ	8.1 U
Bromomethane	1,600,000	320,000	16 U	13 U	14 U	21 U	16 U
Carbon disulfide	280,000 {C,I,R,AD}	280,000 {C,I,R,AD}	8.1 U	6.4 U	7.0 U	10 U	8.1 U
Carbon tetrachloride	390,000 {C}	96,000	8.1 U	6.4 U	7.0 U	10 U	8.1 U
Chlorobenzene	260,000 {C,I}	260,000 {C,I}	8.1 U	6.4 UJ	7.0 UJ	10 UJ	8.1 U
Chlorodibromomethane	610,000 {C}	110,000	8.1 U	6.4 U	7.0 U	10 U	8.1 U
Chloroethane	950,000 {C}	950,000 {C}	16 U	13 U	14 U	21 U	16 U
Chloroform	1,500,000 {C}	1,200,000	8.1 U	6.4 U	7.0 U	10 U	8.1 U
Chloromethane	1,100,000 {C,I}	1,100,000 {C,I}	16 U	13 U	14 U	21 U	16 U
cis-1,3-Dichloropropene	620,000 {C}	130,000	8.1 U	6.4 U	7.0 U	10 U	8.1 U
Ethylbenzene	140,000 {C,I}	140,000 {C,I}	8.1 U	6.4 UJ	7.0 UJ	10 UJ	8.1 U
Methylene chloride	2,300,000 {C}	1,300,000	9.1 U	**120**	**52**	20 U	**23**
Styrene	520,000 {C}	400,000	8.1 U	6.4 UJ	7.0 UJ	10 UJ	8.1 U
Tetrachloroethene	88,000 {C}	88,000 {C}	8.1 U	6.4 UJ	7.0 UJ	10 UJ	8.1 U
Toluene	250,000 {C,I}	250,000 {C,I}	8.1 U	6.4 UJ	7.0 UJ	10 UJ	8.1 U
trans-1,2-Dichloroethene	1,400,000 {C}	1,400,000 {C}	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	620,000 {C}	130,000	8.1 U	6.4 UJ	7.0 UJ	10 UJ	8.1 U
Trichloroethene	500,000 {C}	500,000 {C}	8.1 U	6.4 U	7.0 U	10 U	8.1 U
Vinyl chloride	29,000	4,000	16 U	13 U	14 U	21 U	16 U
Xylenes, Total	150,000 {C,I}	150,000 {C,I}	8.1 U	6.4 UJ	7.0 UJ	10 UJ	8.1 U

See generic notes pages.

TABLE 4-55

APPENDIX IX VOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-17 (0 - 0.5') 6/20/95 FS	SD-17 (0 - 0.5') 6/20/95 DUP	SD-17 (0.95 - 1.45') 6/20/95 FS	SD-17 (1.9 - 2.4') 6/20/95 FS
1,1,1,2-Tetrachloroethane	440,000 {C}	440,000 {C}	16 U	10 U	8.7 UJ	7.8 UJ
1,1,1-Trichloroethane	460,000 {C}	460,000 {C}	16 U	10 U	8.7 U	7.8 UJ
1,1,2,2-Tetrachloroethane	370,000	53,000	16 U	10 U	8.7 UJ	7.8 UJ
1,1,2-Trichloroethane	920,000 {C}	180,000	16 U	10 U	8.7 U	7.8 UJ
1,1-Dichloroethane	890,000 {C}	890,000 {C}	16 U	10 U	8.7 U	7.8 UJ
1,1-Dichloroethene	570,000 {C,I}	200,000 {I}	16 U	10 U	8.7 U	7.8 UJ
1,2,3-Trichloropropane	830,000 {C}	830,000 {C}	16 U	10 U	8.7 UJ	7.8 UJ
1,2-Dibromo-3-chloropropan	1,200 {C}	1,200 {C}	31 U	20 U	17 UJ	16 UJ
1,2-Dibromoethane	660	92	16 U	10 U	8.7 U	7.8 UJ
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	16 U	10 U	8.7 U	7.8 UJ
1,2-Dichloroethane	640,000 {I}	91,000 {I}	16 U	10 U	8.7 U	7.8 UJ
1,2-Dichloropropane	550,000 {C,I}	140,000 {I}	16 U	10 U	8.7 U	7.8 UJ
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	16 U	10 U	8.7 U	7.8 UJ
1,4-Dichlorobenzene	2,900,000	400,000	16 U	10 U	8.7 U	7.8 UJ
1,4-Dioxane	3,700,000 {I}	530,000 {I}	R	R	R	R
2-Butanone	27,000,000 {C,I,AD}	27,000,000 {C,I,AD}	**18 J**	**8.2 J**	**41 J**	**13 J**
2-Chloro-1,3-butadiene			16 U	10 UJ	8.7 UJ	7.8 UJ
2-Hexanone	2,500,000 {C}	2,500,000 {C}	160 U	100 UJ	87 UJ	78 UJ
3-Chloro-1-propene			16 U	10 U	8.7 U	7.8 UJ
4-Methyl-2-pentanone	2,700,000 {C,I}	2,700,000 {C,I}	160 U	100 U	87 UJ	78 UJ
Acetone	110,000,000 {I}	23,000,000 {I}	**89 J**	**40 J**	**190 J**	**53 J**
Acetonitrile	21,000,000	4,300,000	160 U	100 U	87 U	78 UJ
Acrolein	18,000,000 {I}	3,600,000 {I}	160 U	100 UJ	87 UJ	78 UJ
Acrylonitrile	110,000 {I}	16,000 {I}	160 U	100 U	87 U	78 UJ
Benzene	400,000 {C,I}	180,000 {I}	16 U	10 U	8.7 U	7.8 UJ
Bromodichloromethane	750,000	110,000	16 U	10 U	8.7 U	7.8 UJ
Bromoform	870,000 {C}	820,000	16 U	10 U	8.7 U	7.8 UJ
Bromomethane	1,600,000	320,000	16 U	10 U	8.7 U	7.8 UJ
Carbon disulfide	280,000 {C,I,R,AD}	280,000 {C,I,R,AD}	16 U	10 U	8.7 U	7.8 UJ
Carbon tetrachloride	390,000 {C}	96,000	16 U	10 U	8.7 U	7.8 UJ
Chlorobenzene	260,000 {C,I}	260,000 {C,I}	16 U	10 U	8.7 UJ	7.8 UJ
Chlorodibromomethane	610,000 {C}	110,000	16 U	10 U	8.7 U	7.8 UJ
Chloroethane	950,000 {C}	950,000 {C}	16 U	10 U	8.7 U	7.8 UJ
Chloroform	1,500,000 {C}	1,200,000	16 U	10 U	8.7 U	7.8 UJ
Chloromethane	1,100,000 {C,I}	1,100,000 {C,I}	16 U	10 U	8.7 U	7.8 UJ
cis-1,2-Dichloroethene	640,000 {C}	640,000 {C}	16 U	10 U	8.7 U	7.8 UJ
cis-1,3-Dichloropropene	620,000 {C}	130,000	16 U	10 U	8.7 U	7.8 UJ
Dibromomethane	2,000,000 {C}	2,000,000 {C}	16 U	10 U	8.7 U	7.8 UJ
Dichlorodifluoromethane	1,000,000 {C}	1,000,000 {C}	16 U	10 U	**8.7**	7.8 UJ
Ethylbenzene	140,000 {C,I}	140,000 {C,I}	16 U	10 U	8.7 UJ	7.8 UJ
Iodomethane			31 U	20 UJ	17 U	16 UJ
Isobutyl alcohol	8,900,000 {C,I}	8,900,000 {C,I}	1,600 U	R	R	R
Methacrylonitrile			63 U	40 U	35 U	31 UJ
Methyl methacrylate			16 U	10 U	8.7 U	7.8 UJ
Methylene chloride	2,300,000 {C}	1,300,000	540 U	170 U	74 U	44 UJ
Propionitrile			63 U	40 U	35 U	31 UJ
Pyridine	37,000 {C,I}	37,000 {C,I}	650 U	530 U	720 U	1,300 U
Styrene	520,000 {C}	400,000	16 U	10 U	8.7 UJ	7.8 UJ
Tetrachloroethene	88,000 {C}	88,000 {C}	16 U	10 U	8.7 UJ	7.8 UJ
Toluene	250,000 {C,I}	250,000 {C,I}	16 U	10 U	8.7 UJ	7.8 UJ
trans-1,2-Dichloroethene	1,400,000 {C}	1,400,000 {C}	16 U	10 U	8.7 U	7.8 UJ
trans-1,3-Dichloropropene	620,000 {C}	130,000	16 U	10 U	8.7 U	7.8 UJ
trans-1,4-Dichloro-2-butene			16 U	10 UJ	8.7 UJ	7.8 UJ
Trichloroethene	500,000 {C}	500,000 {C}	16 U	10 U	8.7 U	7.8 UJ
Trichlorofluoromethane	560,000 {C}	560,000 {C}	16 U	10 U	8.7 U	7.8 UJ
Vinyl acetate	2,400,000 {C,I,AD}	2,400,000 {C,I,AD}	160 U	100 U	87 U	78 UJ
Vinyl chloride	29,000	4,000	16 U	10 U	8.7 U	7.8 UJ
Xylenes, Total	150,000 {C,I}	150,000 {C,I}	16 U	10 U	**3.9 J**	7.8 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-1 (0 - 1.5') 6/15/95 FS	SD-1 (1.5 - 3') 6/15/95 FS	SD-1 (3 - 4.5') 6/15/95 FS	SD-2 (0 - 1.7') 6/15/95 FS	SD-2 (1.7 - 3.4') 6/15/95 FS	SD-2 (3.4 - 5') 6/15/95 FS	SD-3 (0 - 1.3') 6/15/95 FS	SD-3 (0 - 1.3') 6/15/95 DUP	SD-3 (1.3 - 2.6') 6/15/95 FS	SD-3 (2.6 - 3.9') 6/15/95 FS	SD-4 (0 - 1.5') 6/19/95 FS	SD-4 (1.5 - 3') 6/19/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	990,000 {AD}	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
1,4-Dichlorobenzene	2,900,000	400,000	8.2 UJ	7.6 UJ	7.0 U	8.2 U	9.7 U	6.3 U	36 U	11 U	7.3 U	6.2 U	2,800 U	890 U
2,2'-oxybis(dichloropropane)			1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 UJ	230 UJ
2,4,5-Trichlorophenol	110,000,000	23,000,000	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
2,4,6-Trichlorophenol	5,000,000	710,000	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
2,4-Dichlorophenol	1,800,000 {C,AD}	660,000 {AD}	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
2,4-Dimethylphenol	56,000,000	11,000,000	**360 J**	**220 J**	230 U	2,700 U	**630 J**	**130 J**	7,200 U	7,000 U	**410**	**280 J**	2,200 U	230 U
2,4-Dinitrophenol			5,300 U	6,100 U	1,100 U	13,000 U	3,100 U	2,000 U	35,000 U	34,000 U	1,200 U	2,000 U	11,000 UJ	1,100 U
2,4-Dinitrotoluene	340,000	48,000	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
2,6-Dinitrotoluene			1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
2-Chloronaphthalene	280,000,000	56,000,000	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
2-Chlorophenol	6,900,000	1,400,000	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
2-Methylnaphthalene	40,000,000	8,100,000	**1,800**	**860 J**	**59 J**	**1,900 J**	**3,000**	**750**	**4,900 J**	**5,200 J**	**2,100**	**1,500**	**550 J**	230 U
2-Methylphenol		11,000,000 {J}	**230 J**	1,300 U	230 U	2,700 U	**360 J**	**70 J**	7,200 U	7,000 U	**310**	**150 J**	2,200 U	230 U
2-Methylphenol	56,000,000 {J}		**230 J**	1,300 U	230 U	2,700 U	**360 J**	**70 J**	7,200 U	7,000 U	**310**	**150 J**	2,200 U	230 U
2-Nitroaniline			5,300 U	6,100 U	1,100 U	13,000 U	3,100 U	2,000 U	35,000 U	34,000 U	1,200 U	2,000 U	11,000 U	1,100 U
2-Nitrophenol	3,100,000	630,000	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
3,3'-Dichlorobenzidine	47,000	6,600	2,200 U	2,500 U	460 U	5,400 U	1,300 U	830 U	14,000 U	14,000 U	480 U	810 U	4,400 U	470 U
3-Nitroaniline			5,300 U	6,100 U	1,100 U	13,000 U	3,100 U	2,000 U	35,000 U	34,000 U	1,200 U	2,000 U	11,000 U	1,100 U
4,6-Dinitro-2-methylphenol	390,000	79,000	5,300 U	6,100 U	1,100 U	13,000 U	3,100 U	2,000 U	35,000 U	34,000 U	1,200 U	2,000 U	11,000 U	1,100 U
4-Bromophenyl phenyl ether			1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
4-Chloro-3-methylphenol	22,000,000	4,500,000	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
4-Chloroaniline			1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
4-Chlorophenyl phenyl ether			1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
4-Methylphenol	56,000,000 {J}	11,000,000 {J}	**280 J**	1,300 U	230 U	2,700 U	**420 J**	**93 J**	7,200 U	7,000 U	**390**	**160 J**	2,200 U	230 U
4-Nitroaniline			5,300 U	6,100 U	1,100 U	13,000 U	3,100 U	2,000 U	35,000 U	34,000 U	1,200 U	2,000 U	11,000 UJ	1,100 U
4-Nitrophenol			5,300 U	6,100 U	1,100 U	13,000 U	3,100 U	2,000 U	35,000 U	34,000 U	1,200 UJ	2,000 U	11,000 UJ	1,100 U
Acenaphthene	200,000,000	41,000,000	1,100 U	1,300 U	230 U	2,700 U	**200 J**	**50 J**	7,200 U	7,000 U	**150 J**	**92 J**	2,200 U	230 U
Acenaphthylene	8,000,000	1,600,000	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
Anthracene	1,000,000,000 {D}	230,000,000	**170 J**	**140 J**	230 U	2,700 U	**230 J**	**70 J**	7,200 U	7,000 U	**180 J**	**110 J**	2,200 U	230 U
Benzo(a)anthracene	100,000 {Q}	20,000 {Q}	1,100 U	1,300 U	230 U	2,700 U	**200 J**	**75 J**	7,200 U	7,000 U	**160 J**	**99 J**	2,200 U	230 U
Benzo(a)pyrene	10,000 {Q}	2,000 {Q}	**130 J**	1,300 U	230 U	2,700 U	**220 J**	420 U	7,200 U	7,000 U	**100 J**	**78 J**	2,200 U	230 U
Benzo(b)fluoranthene	100,000 {Q}	20,000 {Q}	**150 J**	1,300 U	230 U	2,700 U	**280 J**	**95 J**	7,200 U	7,000 U	**130 J**	**120 J**	2,200 U	230 U
Benzo(g,h,i)perylene	9,100,000	2,500,000	1,100 U	1,300 U	230 U	2,700 U	**150 J**	**45 J**	7,200 U	7,000 U	**82 J**	**83 J**	2,200 U	230 U
Benzo(k)fluoranthene	1,000,000 {Q}	200,000 {Q}	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
bis(2-Chloroethoxy)methane			1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
bis(2-Chloroethyl)ether	89,000 {I}	13,000 {I}	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	2,800,000	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	**830**	410 U	2,200 UJ	230 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	1,100 U	**410 J**	**75 J**	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 UJ	230 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-1 (0 - 1.5') 6/15/95 FS	SD-1 (1.5 - 3') 6/15/95 FS	SD-1 (3 - 4.5') 6/15/95 FS	SD-2 (0 - 1.7') 6/15/95 FS	SD-2 (1.7 - 3.4') 6/15/95 FS	SD-2 (3.4 - 5') 6/15/95 FS	SD-3 (0 - 1.3') 6/15/95 FS	SD-3 (0 - 1.3') 6/15/95 DUP	SD-3 (1.3 - 2.6') 6/15/95 FS	SD-3 (2.6 - 3.9') 6/15/95 FS	SD-4 (0 - 1.5') 6/19/95 FS	SD-4 (1.5 - 3') 6/19/95 FS
Carbazole	3,700,000	530,000	1,100 U	1,300 U	230 U	2,700 U	**70 J**	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
Chrysene	10,000,000 {Q}	2,000,000 {Q}	1,100 U	**260 J**	230 U	2,700 U	**270 J**	**100 J**	7,200 U	7,000 U	**210 J**	**130 J**	2,200 U	230 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	1,100 U	1,300 U	**2,100**	2,700 U	**210 J**	**86 J**	7,200 U	7,000 U	**920**	**100 J**	2,200 U	230 U
Di-n-octyl phthalate	28,000,000	6,900,000	**2,200**	**1,300**	230 U	2,700 U	**840 J**	**250 J**	7,200 U	7,000 U	**1,300 J**	**350 J**	2,200 U	230 U
Dibenz(a,h)anthracene	10,000 {Q}	2,000 {Q}	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
Dibenzofuran	ID	ID	**320 J**	**170 J**	230 U	2,700 U	**560 J**	**150 J**	7,200 U	7,000 U	**450**	**250 J**	2,200 U	230 U
Diethyl phthalate	740,000 {C}	740,000 {C}	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
Fluoranthene	180,000,000	46,000,000	**390 J**	**420 J**	**75 J**	**770 J**	**710**	**180 J**	**1,000 J**	**1,100 J**	**520**	**290 J**	2,200 U	230 U
Fluorene	130,000,000	27,000,000	**300 J**	1,300 U	230 U	2,700 U	**520 J**	**130 J**	7,200 U	7,000 U	**400**	**230 J**	2,200 U	230 U
Hexachlorobenzene	51,000	8,900	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
Hexachlorobutadiene	350,000 {C}	100,000	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
Hexachlorocyclopentadiene	720,000 {C}	720,000 {C}	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
Hexachloroethane	1,100,000	230,000	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	20,000 {Q}	1,100 U	1,300 U	230 U	2,700 U	**70 J**	420 U	7,200 U	7,000 U	**35 J**	410 U	2,200 U	230 U
Isophorone	2,400,000 {C}	2,400,000 {C}	1,100 U	1,300 U	230 U	2,700 U	**860**	**180 J**	7,200 U	7,000 U	**290**	**350 J**	2,200 U	230 U
N-Nitroso-di-n-propylamine	8,300	1,200	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 UJ	410 U	2,200 U	230 U
N-Nitrosodiphenylamine	12,000,000	1,700,000	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
Naphthalene	80,000,000	16,000,000	**1,500**	**700 J**	**48 J**	**1,900 J**	**2,800**	**630**	**3,800 J**	**4,400 J**	**1,700**	**1,200**	**610 J**	230 U
Nitrobenzene	490,000 {C,I}	100,000 {I}	1,100 U	1,300 U	230 U	2,700 U	640 U	420 U	7,200 U	7,000 U	240 U	410 U	2,200 U	230 U
Pentachlorophenol	390,000	90,000	5,300 U	6,100 U	1,100 U	13,000 U	3,100 UJ	2,000 U	35,000 U	34,000 U	1,200 U	2,000 UJ	11,000 U	1,100 U
Phenanthrene	8,000,000	1,600,000	**1,100**	**640 J**	**70 J**	2,700 U	**1,800**	**540**	**2,200 J**	**2,300 J**	**1,200**	**840**	2,200 U	230 U
Phenol	12,000,000 {C,AD}	12,000,000 {C,AD}	**340 J**	1,300 U	230 U	2,700 U	**390 J**	**73 J**	7,200 U	7,000 U	**310**	**140 J**	2,200 U	230 U
Pyrene	110,000,000	29,000,000	**300 J**	**250 J**	**59 J**	2,700 U	**320 J**	**130 J**	**850 J**	7,000 U	**200 J**	**140 J**	2,200 U	230 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-5 (0 - 1.8') 6/21/95 FS	SD-5 (1.8 - 3.6') 6/21/95 FS	SD-5 (3.6 - 5.4') 6/21/95 FS	SD-6 (0 - 1.6') 6/21/95 FS	SD-6 (1.6 - 3.2') 6/21/95 FS	SD-6 (3.2 - 4.8') 6/21/95 FS	SD-7 (0 - 1.3') 6/21/95 FS	SD-7 (1.3 - 2.6') 6/21/95 FS	SD-7 (2.6 - 3.9') 6/21/95 FS	SD-8 (0 - 1.5') 6/21/95 FS	SD-8 (1.5 - 3') 6/21/95 FS	SD-8 (3 - 4.5') 6/21/95 FS	SD-9 (0 - 1.5') 6/21/95 FS	SD-9 (0 - 1.5') 6/21/95 DUP	SD-9 (1.5 - 3') 6/21/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	990,000 {AD}	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 UJ	7.5 U	8.5 UJ	8.4 UJ	6.7 U	6.0 U	6.3 U	7.1 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 UJ	7.5 U	8.5 UJ	8.4 UJ	6.7 U	6.0 U	6.3 U	7.1 U
1,4-Dichlorobenzene	2,900,000	400,000	6.7 U	7.9 U	6.9 U	7.8 U	8.1 U	6.8 U	6.1 U	7.5 UJ	7.5 U	8.5 UJ	8.4 UJ	6.7 U	6.0 U	6.3 U	7.1 U
2,2'-oxybis(dichloropropane)			220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
2,4,5-Trichlorophenol	110,000,000	23,000,000	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
2,4,6-Trichlorophenol	5,000,000	710,000	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
2,4-Dichlorophenol	1,800,000 {C,AD}	660,000 {AD}	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
2,4-Dimethylphenol	56,000,000	11,000,000	**130 J**	**550**	230 U	**350**	**400 J**	220 U	1,000 U	**440 J**	**410 J**	**190 J**	1,400 U	220 U	800 U	830 U	230 U
2,4-Dinitrophenol			1,100 U	2,500 U	1,100 U	1,200 U	3,200 U	1,100 U	4,900 U	3,000 U	2,400 U	1,400 U	6,700 U	1,100 U	3,900 U	4,000 U	1,100 U
2,4-Dinitrotoluene	340,000	48,000	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
2,6-Dinitrotoluene			220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
2-Chloronaphthalene	280,000,000	56,000,000	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
2-Chlorophenol	6,900,000	1,400,000	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
2-Methylnaphthalene	40,000,000	8,100,000	**530**	**650**	230 U	**1,100**	**1,000**	**34 J**	**600 J**	**800**	**360 J**	**710**	**1,500**	**220 J**	**230 J**	**180 J**	230 U
2-Methylphenol		11,000,000 {J}	**70 J**	520 U	230 U	**220 J**	**120 J**	220 U	1,000 U	**230 J**	**78 J**	**180 J**	1,400 U	220 U	800 U	830 U	230 U
2-Methylphenol	56,000,000 {J}		**70 J**	520 U	230 U	**220 J**	**120 J**	220 U	1,000 U	**230 J**	**78 J**	**180 J**	1,400 U	220 U	800 U	830 U	230 U
2-Nitroaniline			1,100 U	2,500 U	1,100 U	1,200 U	3,200 U	1,100 U	4,900 U	3,000 U	2,400 U	1,400 U	6,700 U	1,100 U	3,900 U	4,000 U	1,100 U
2-Nitrophenol	3,100,000	630,000	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
3,3'-Dichlorobenzidine	47,000	6,600	440 U	1,000 U	450 U	510 U	1,300 U	450 U	2,000 U	1,200 U	990 U	560 U	2,800 U	440 U	1,600 U	1,700 U	470 U
3-Nitroaniline			1,100 U	2,500 U	1,100 U	1,200 U	3,200 U	1,100 U	4,900 U	3,000 U	2,400 U	1,400 U	6,700 U	1,100 U	3,900 U	4,000 U	1,100 U
4,6-Dinitro-2-methylphenol	390,000	79,000	1,100 U	2,500 U	1,100 U	1,200 U	3,200 U	1,100 U	4,900 U	3,000 U	2,400 U	1,400 U	6,700 U	1,100 U	3,900 U	4,000 U	1,100 U
4-Bromophenyl phenyl ether			220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
4-Chloro-3-methylphenol	22,000,000	4,500,000	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
4-Chloroaniline			220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
4-Chlorophenyl phenyl ether			220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
4-Methylphenol	56,000,000 {J}	11,000,000 {J}	**77 J**	520 U	230 U	**200 J**	**220 J**	220 U	1,000 U	**300 J**	500 U	**140 J**	1,400 U	220 U	800 U	830 U	230 U
4-Nitroaniline			1,100 U	2,500 U	1,100 UJ	1,200 U	3,200 U	1,100 U	4,900 U	3,000 U	2,400 U	1,400 U	6,700 U	1,100 U	3,900 U	4,000 U	1,100 U
4-Nitrophenol			1,100 U	2,500 U	1,100 U	1,200 U	3,200 U	1,100 U	4,900 U	3,000 U	2,400 U	1,400 U	6,700 U	1,100 U	3,900 U	4,000 U	1,100 U
Acenaphthene	200,000,000	41,000,000	**24 J**	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
Acenaphthylene	8,000,000	1,600,000	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
Anthracene	1,000,000,000 {D}	230,000,000	**53 J**	520 U	230 U	**100 J**	**110 J**	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	**85 J**	**100 J**	230 U
Benzo(a)anthracene	100,000 {Q}	20,000 {Q}	**44 J**	520 U	230 U	**77 J**	**85 J**	220 U	1,000 U	620 U	**69 J**	280 U	1,400 U	220 U	800 U	**550 J**	230 U
Benzo(a)pyrene	10,000 {Q}	2,000 {Q}	**28 J**	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	**330 J**	**640 J**	230 U
Benzo(b)fluoranthene	100,000 {Q}	20,000 {Q}	**40 J**	520 U	230 U	**120 J**	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	**580 J**	**1,100**	230 U
Benzo(g,h,i)perylene	9,100,000	2,500,000	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	**140 J**	**220 J**	230 U
Benzo(k)fluoranthene	1,000,000 {Q}	200,000 {Q}	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	**390 J**	230 U
bis(2-Chloroethoxy)methane			220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
bis(2-Chloroethyl)ether	89,000 {I}	13,000 {I}	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	2,800,000	220 U	**270 J**	230 U	**110 J**	**820**	**160 J**	**470 J**	**550 J**	**510**	280 U	1,400 U	**35 J**	800 U	830 U	230 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-5 (0 - 1.8') 6/21/95 FS	SD-5 (1.8 - 3.6') 6/21/95 FS	SD-5 (3.6 - 5.4') 6/21/95 FS	SD-6 (0 - 1.6') 6/21/95 FS	SD-6 (1.6 - 3.2') 6/21/95 FS	SD-6 (3.2 - 4.8') 6/21/95 FS	SD-7 (0 - 1.3') 6/21/95 FS	SD-7 (1.3 - 2.6') 6/21/95 FS	SD-7 (2.6 - 3.9') 6/21/95 FS	SD-8 (0 - 1.5') 6/21/95 FS	SD-8 (1.5 - 3') 6/21/95 FS	SD-8 (3 - 4.5') 6/21/95 FS	SD-9 (0 - 1.5') 6/21/95 FS	SD-9 (0 - 1.5') 6/21/95 DUP	SD-9 (1.5 - 3') 6/21/95 FS
Carbazole	3,700,000	530,000	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
Chrysene	10,000,000 {Q}	2,000,000 {Q}	**65 J**	520 U	230 U	**120 J**	**150 J**	220 U	1,000 U	620 U	**86 J**	280 U	1,400 U	220 U	**490 J**	**770 J**	230 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	220 U	520 U	**44 J**	**65 J**	670 U	**32 J**	1,000 U	620 U	500 U	280 U	1,400 U	**43 J**	800 U	830 U	230 U
Di-n-octyl phthalate	28,000,000	6,900,000	220 U	**770**	230 U	**130 J**	**2,400**	**410**	**940 J**	**1,400**	**1,200**	280 U	1,400 U	220 U	800 U	830 U	230 U
Dibenz(a,h)anthracene	10,000 {Q}	2,000 {Q}	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
Dibenzofuran	ID	ID	**120 J**	**140 J**	230 U	**280**	**250 J**	220 U	**190 J**	**170 J**	**73 J**	**120 J**	**260 J**	**48 J**	**89 J**	830 U	230 U
Diethyl phthalate	740,000 {C}	740,000 {C}	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
Fluoranthene	180,000,000	46,000,000	**110 J**	**150 J**	230 U	**220 J**	**250 J**	220 U	**270 J**	**150 J**	**150 J**	280 U	**210 J**	**60 J**	**1,200**	**1,700**	**31 J**
Fluorene	130,000,000	27,000,000	**100 J**	520 U	230 U	**180 J**	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
Hexachlorobenzene	51,000	8,900	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
Hexachlorobutadiene	350,000 {C}	100,000	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
Hexachlorocyclopentadiene	720,000 {C}	720,000 {C}	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
Hexachloroethane	1,100,000	230,000	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	20,000 {Q}	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	**140 J**	**240 J**	230 U
Isophorone	2,400,000 {C}	2,400,000 {C}	**180 J**	**200 J**	230 U	**390**	**500 J**	220 U	1,000 U	**380 J**	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
N-Nitroso-di-n-propylamine	8,300	1,200	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
N-Nitrosodiphenylamine	12,000,000	1,700,000	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
Naphthalene	80,000,000	16,000,000	**510**	**610**	230 U	**1,000**	**1,100**	**38 J**	**600 J**	**820**	**330 J**	**710**	**1,500**	**220 J**	**250 J**	**200 J**	230 U
Nitrobenzene	490,000 {C,I}	100,000 {I}	220 U	520 U	230 U	260 U	670 U	220 U	1,000 U	620 U	500 U	280 U	1,400 U	220 U	800 U	830 U	230 U
Pentachlorophenol	390,000	90,000	1,100 U	2,500 U	1,100 U	1,200 U	3,200 U	1,100 U	4,900 U	3,000 U	2,400 U	1,400 U	6,700 U	1,100 U	3,900 U	4,000 U	1,100 U
Phenanthrene	8,000,000	1,600,000	**380**	**430 J**	230 U	**750**	**690**	**34 J**	**450 J**	**430 J**	**240 J**	**290**	**720 J**	**140 J**	**760 J**	**1,000**	230 U
Phenol	12,000,000 {C,AD}	12,000,000 {C,AD}	**39 J**	520 U	230 U	260 U	670 U	220 U	1,000 U	**300 J**	**79 J**	280 U	1,400 U	220 U	800 U	**86 J**	230 U
Pyrene	110,000,000	29,000,000	**62 J**	**99 J**	230 U	**130 J**	**200 J**	220 U	**210 J**	**120 J**	**120 J**	280 U	**220 J**	**42 J**	**540 J**	**890**	230 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-10 (0 - 0.5') 6/20/95 FS	SD-10 (0.75 - 1.25') 6/20/95 FS	SD-10 (1.5 - 2') 6/20/95 FS	SD-11 (0 - 0.5') 6/20/95 FS	SD-11 (0.9 - 1.4') 6/20/95 FS	SD-11 (1.8 - 2.3') 6/20/95 FS	SD-12 (0 - 0.5') 6/20/95 FS	SD-12 (1.05 - 1.55') 6/20/95 FS	SD-12 (1.05 - 1.55') 6/20/95 DUP	SD-12 (2.1 - 2.6') 6/20/95 FS	SD-13 (0 - 0.5') 6/20/95 FS	SD-13 (1.45 - 1.95') 6/20/95 FS	SD-13 (2.9 - 3.4') 6/20/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	990,000 {AD}	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	9.8 U	R	6.8 U	8.9 U	10 U	11 U	13 U	18 U	16 U	10 U	15 U	18 UJ	9.0 UJ
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	9.8 U	R	6.8 U	8.9 U	10 U	11 U	13 U	18 U	16 U	10 U	15 U	18 UJ	9.0 UJ
1,4-Dichlorobenzene	2,900,000	400,000	9.8 U	R	6.8 U	8.9 U	10 U	11 U	13 U	18 U	16 U	10 U	15 U	18 UJ	9.0 UJ
2,2'-oxybis(dichloropropane)			6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 UJ	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
2,4,5-Trichlorophenol	110,000,000	23,000,000	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 U
2,4,6-Trichlorophenol	5,000,000	710,000	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 U
2,4-Dichlorophenol	1,800,000 {C,AD}	660,000 {AD}	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 U
2,4-Dimethylphenol	56,000,000	11,000,000	**3,200 J**	6,800 U	1,100 U	**1,200**	6,600 U	1,400 U	**1,300 J**	**1,100 J**	**1,000 J**	1,300 U	**940 J**	3,000 U	**180 J**
2,4-Dinitrophenol			31,000 U	33,000 U	5,500 U	1,400 U	32,000 U	6,900 U	8,300 U	11,000 U	10,000 U	6,400 U	12,000 U	14,000 U	3,600 U
2,4-Dinitrotoluene	340,000	48,000	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
2,6-Dinitrotoluene			6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
2-Chloronaphthalene	280,000,000	56,000,000	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
2-Chlorophenol	6,900,000	1,400,000	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 U
2-Methylnaphthalene	40,000,000	8,100,000	**13,000**	**2,200 J**	**160 J**	**4,000**	**7,500**	**1,400**	**8,900**	**11,000**	**10,000**	**890 J**	**5,500**	**6,100**	**760 J**
2-Methylphenol		11,000,000 {J}	**3,500 J**	6,800 U	1,100 U	**1,500**	6,600 U	1,400 U	**1,900**	**600 J**	**680 J**	1,300 U	**720 J**	3,000 U	**100 J**
2-Methylphenol	56,000,000 {J}		**3,500 J**	6,800 U	1,100 U	**1,500**	6,600 U	1,400 U	**1,900**	**600 J**	**680 J**	1,300 U	**720 J**	3,000 U	**100 J**
2-Nitroaniline			31,000 U	33,000 U	5,500 U	1,400 U	32,000 U	6,900 U	8,300 U	11,000 UJ	10,000 U	6,400 U	12,000 U	14,000 U	3,600 UJ
2-Nitrophenol	3,100,000	630,000	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 U
3,3'-Dichlorobenzidine	47,000	6,600	13,000 U	14,000 U	2,300 U	590 U	13,000 U	2,800 U	3,400 U	4,600 U	4,300 U	2,600 U	5,100 U	6,000 U	1,500 UJ
3-Nitroaniline			31,000 U	33,000 U	5,500 U	1,400 U	32,000 U	6,900 U	8,300 U	11,000 U	10,000 U	6,400 U	12,000 U	14,000 U	3,600 UJ
4,6-Dinitro-2-methylphenol	390,000	79,000	31,000 U	33,000 U	5,500 U	1,400 U	32,000 U	6,900 U	8,300 U	11,000 U	10,000 U	6,400 U	12,000 U	14,000 U	3,600 U
4-Bromophenyl phenyl ether			6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
4-Chloro-3-methylphenol	22,000,000	4,500,000	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 U
4-Chloroaniline			6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
4-Chlorophenyl phenyl ether			6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
4-Methylphenol	56,000,000 {J}	11,000,000 {J}	6,400 U	6,800 U	1,100 U	**1,200**	6,600 U	1,400 U	**1,400 J**	**650 J**	**690 J**	1,300 U	2,600 U	3,000 U	**160 J**
4-Nitroaniline			31,000 U	33,000 U	5,500 U	1,400 UJ	32,000 U	6,900 U	8,300 U	11,000 U	10,000 U	6,400 U	12,000 U	14,000 U	3,600 UJ
4-Nitrophenol			31,000 U	33,000 U	5,500 U	1,400 U	32,000 U	6,900 U	8,300 U	11,000 U	10,000 U	6,400 U	12,000 U	14,000 U	3,600 U
Acenaphthene	200,000,000	41,000,000	6,400 U	6,800 U	1,100 U	**100 J**	6,600 U	1,400 U	**540 J**	**670 J**	**660 J**	1,300 U	2,600 U	3,000 U	740 UJ
Acenaphthylene	8,000,000	1,600,000	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
Anthracene	1,000,000,000 {D}	230,000,000	**1,000 J**	6,800 U	1,100 U	**690**	6,600 U	**220 J**	**780 J**	**1,400 J**	**990 J**	**820 J**	**440 J**	**500 J**	**94 J**
Benzo(a)anthracene	100,000 {Q}	20,000 {Q}	6,400 U	6,800 U	1,100 U	**160 J**	6,600 U	1,400 U	1,700 U	**940 J**	2,100 U	1,300 U	2,600 U	3,000 U	**80 J**
Benzo(a)pyrene	10,000 {Q}	2,000 {Q}	6,400 U	6,800 U	1,100 U	**73 J**	6,600 U	1,400 U	**250 J**	**470 J**	**350 J**	1,300 U	2,600 U	3,000 U	740 UJ
Benzo(b)fluoranthene	100,000 {Q}	20,000 {Q}	6,400 U	6,800 U	1,100 U	**140 J**	6,600 U	1,400 U	**460 J**	**980 J**	**690 J**	**150 J**	2,600 U	3,000 U	740 UJ
Benzo(g,h,i)perylene	9,100,000	2,500,000	6,400 U	6,800 U	1,100 U	**45 J**	6,600 U	1,400 U	**200 J**	**290 J**	**220 J**	1,300 U	2,600 U	3,000 U	740 UJ
Benzo(k)fluoranthene	1,000,000 {Q}	200,000 {Q}	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
bis(2-Chloroethoxy)methane			6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
bis(2-Chloroethyl)ether	89,000 {I}	13,000 {I}	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	2,800,000	6,400 U	6,800 U	1,100 U	**99 J**	6,600 U	**230 J**	**290 J**	**1,100 J**	**650 J**	1,300 U	2,600 U	**750 J**	740 UJ
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-10 (0 - 0.5') 6/20/95 FS	SD-10 (0.75 - 1.25') 6/20/95 FS	SD-10 (1.5 - 2') 6/20/95 FS	SD-11 (0 - 0.5') 6/20/95 FS	SD-11 (0.9 - 1.4') 6/20/95 FS	SD-11 (1.8 - 2.3') 6/20/95 FS	SD-12 (0 - 0.5') 6/20/95 FS	SD-12 (1.05 - 1.55') 6/20/95 FS	SD-12 (1.05 - 1.55') 6/20/95 DUP	SD-12 (2.1 - 2.6') 6/20/95 FS	SD-13 (0 - 0.5') 6/20/95 FS	SD-13 (1.45 - 1.95') 6/20/95 FS	SD-13 (2.9 - 3.4') 6/20/95 FS
Carbazole	3,700,000	530,000	6,400 U	6,800 U	1,100 U	**310**	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
Chrysene	10,000,000 {Q}	2,000,000 {Q}	6,400 U	6,800 U	1,100 U	**200 J**	6,600 U	1,400 U	**630 J**	**1,400 J**	**910 J**	**220 J**	2,600 U	**650 J**	**120 J**
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	**7,300**	6,800 U	1,100 U	290 U	**6,200 J**	**1,200 J**	1,700 U	2,300 U	2,100 U	1,300 U	**540 J**	**4,500**	740 UJ
Di-n-octyl phthalate	28,000,000	6,900,000	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	**1,100 J**	2,100 U	1,300 U	2,600 U	**880 J**	740 UJ
Dibenz(a,h)anthracene	10,000 {Q}	2,000 {Q}	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
Dibenzofuran	ID	ID	**3,000 J**	6,800 U	1,100 U	**850**	**1,600 J**	**390 J**	**2,200**	**2,400**	**2,500**	**200 J**	**1,200 J**	**1,300 J**	**150 J**
Diethyl phthalate	740,000 {C}	740,000 {C}	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
Dimethyl phthalate	790,000 {C}	790,000 {C}	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
Fluoranthene	180,000,000	46,000,000	**1,800 J**	6,800 U	1,100 U	**1,900**	**1,200 J**	**310 J**	**1,800**	**2,600**	**2,400**	**420 J**	**800 J**	**1,000 J**	**170 J**
Fluorene	130,000,000	27,000,000	6,400 U	6,800 U	1,100 U	**620**	6,600 U	**470 J**	**1,500 J**	**2,100 J**	**1,800 J**	**320 J**	2,600 U	**1,300 J**	**190 J**
Hexachlorobenzene	51,000	8,900	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
Hexachlorobutadiene	350,000 {C}	100,000	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
Hexachlorocyclopentadiene	720,000 {C}	720,000 {C}	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
Hexachloroethane	1,100,000	230,000	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
Indeno(1,2,3-cd)pyrene	100,000 {Q}	20,000 {Q}	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
Isophorone	2,400,000 {C}	2,400,000 {C}	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	**1,500 J**	**740 J**	1,300 U	2,600 U	3,000 U	740 UJ
N-Nitroso-di-n-propylamine	8,300	1,200	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 UJ	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
N-Nitrosodiphenylamine	12,000,000	1,700,000	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
Naphthalene	80,000,000	16,000,000	**12,000**	**2,100 J**	**180 J**	**3,600**	**6,300 J**	**990 J**	**8,300**	**8,100**	**8,000**	**670 J**	**5,000**	**5,600**	**1,000 J**
Nitrobenzene	490,000 {C,I}	100,000 {I}	6,400 U	6,800 U	1,100 U	290 U	6,600 U	1,400 U	1,700 U	2,300 U	2,100 U	1,300 U	2,600 U	3,000 U	740 UJ
Pentachlorophenol	390,000	90,000	31,000 U	33,000 U	5,500 U	1,400 U	32,000 U	6,900 U	8,300 U	11,000 U	10,000 U	6,400 U	12,000 U	14,000 U	3,600 U
Phenanthrene	8,000,000	1,600,000	**6,700**	**860 J**	1,100 U	**2,100**	**3,700 J**	**890 J**	**5,000**	**6,200**	**5,400**	**800 J**	**2,500 J**	**3,000**	**620 J**
Phenol	12,000,000 {C,AD}	12,000,000 {C,AD}	**5,100 J**	6,800 U	1,100 U	**2,200**	6,600 U	1,400 U	**2,500**	**490 J**	**610 J**	1,300 U	2,600 U	3,000 U	740 U
Pyrene	110,000,000	29,000,000	**1,300 J**	6,800 U	1,100 U	**240 J**	**830 J**	**310 J**	**900 J**	**1,500 J**	**1,400 J**	**280 J**	**500 J**	**720 J**	**120 J**

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-14 (0 - 0.5') 6/20/95 FS	SD-14 (0.9 - 1.4') 6/20/95 FS	SD-14 (1.8 - 2.3') 6/20/95 FS	SD-15 (0 - 0.5') 6/20/95 FS	SD-15 (0.9 - 1.4') 6/20/95 FS	SD-15 (1.8 - 2.3') 6/20/95 FS	SD-16 (0 - 0.5') 6/20/95 FS	SD-16 (1.1 - 1.6') 6/20/95 FS	SD-16 (2.2 - 2.7') 6/20/95 FS	SD-18 (0 - 0.5') 6/20/95 FS	SD-18 (2.25 - 2.75') 6/20/95 FS	SD-18 (4.5 - 5') 6/20/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	990,000 {AD}	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	**68 J**	1,300 U	1,000 U	540 U	870 U	3,600 U	490 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	13 U	18 U	10 U	14 U	14 U	9.2 U	R	7.8 U	R	66 U	11 U	7.4 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	13 U	18 U	10 U	14 U	14 U	9.2 U	R	7.8 UJ	R	66 U	11 U	7.4 U
1,4-Dichlorobenzene	2,900,000	400,000	13 U	18 U	10 U	14 U	14 U	9.2 U	R	7.8 UJ	R	66 U	11 U	7.4 U
2,2'-oxybis(dichloropropane)			1,700 UJ	2,300 UJ	1,400 UJ	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 UJ	490 UJ
2,4,5-Trichlorophenol	110,000,000	23,000,000	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
2,4,6-Trichlorophenol	5,000,000	710,000	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
2,4-Dichlorophenol	1,800,000 {C,AD}	660,000 {AD}	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
2,4-Dimethylphenol	56,000,000	11,000,000	**910 J**	**600 J**	1,400 U	**610 J**	**480 J**	**66 J**	**940 J**	**880 J**	**200 J**	**350 J**	3,600 U	490 U
2,4-Dinitrophenol			8,400 U	11,000 U	6,600 U	11,000 UJ	9,200 UJ	1,500 UJ	6,400 U	5,000 UJ	2,600 U	4,200 U	17,000 U	2,400 U
2,4-Dinitrotoluene	340,000	48,000	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
2,6-Dinitrotoluene			1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
2-Chloronaphthalene	280,000,000	56,000,000	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
2-Chlorophenol	6,900,000	1,400,000	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
2-Methylnaphthalene	40,000,000	8,100,000	**4,600**	**5,400**	**1,100 J**	**3,900**	**4,000**	**600**	**3,900**	**7,000 J**	**530 J**	**2,100**	**6,400**	**640**
2-Methylphenol		11,000,000 {J}	**970 J**	2,300 U	1,400 U	**610 J**	**320 J**	**41 J**	**770 J**	**650 J**	540 U	**260 J**	3,600 U	**75 J**
2-Methylphenol	56,000,000 {J}		**970 J**	2,300 U	1,400 U	**610 J**	**320 J**	**41 J**	**770 J**	**650 J**	540 U	**260 J**	3,600 U	**75 J**
2-Nitroaniline			8,400 U	11,000 U	6,600 U	11,000 U	9,200 U	1,500 U	6,400 U	5,000 UJ	2,600 U	4,200 U	17,000 U	2,400 U
2-Nitrophenol	3,100,000	630,000	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
3,3'-Dichlorobenzidine	47,000	6,600	3,500 U	4,700 U	2,700 U	4,700 U	3,800 U	610 U	2,600 U	2,000 UJ	1,100 U	1,700 U	7,200 U	980 U
3-Nitroaniline			8,400 U	11,000 U	6,600 U	11,000 U	9,200 U	1,500 U	6,400 U	5,000 UJ	2,600 U	4,200 U	17,000 U	2,400 U
4,6-Dinitro-2-methylphenol	390,000	79,000	8,400 U	11,000 U	6,600 U	11,000 U	9,200 U	1,500 U	6,400 U	5,000 UJ	2,600 U	4,200 U	17,000 U	2,400 U
4-Bromophenyl phenyl ether			1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
4-Chloro-3-methylphenol	22,000,000	4,500,000	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
4-Chloroaniline			1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
4-Chlorophenyl phenyl ether			1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
4-Methylphenol	56,000,000 {J}	11,000,000 {J}	**640 J**	2,300 U	1,400 U	**550 J**	**350 J**	**58 J**	**580 J**	**730 J**	540 U	870 U	3,600 U	490 U
4-Nitroaniline			8,400 U	11,000 U	6,600 U	11,000 UJ	9,200 UJ	1,500 UJ	6,400 U	5,000 UJ	2,600 U	4,200 U	17,000 U	2,400 U
4-Nitrophenol			8,400 U	11,000 U	6,600 U	11,000 UJ	9,200 UJ	1,500 UJ	6,400 U	5,000 UJ	2,600 U	4,200 U	17,000 U	2,400 U
Acenaphthene	200,000,000	41,000,000	1,700 U	2,300 U	1,400 U	2,400 U	**290 J**	**53 J**	1,300 U	**380 J**	540 U	870 U	3,600 U	490 U
Acenaphthylene	8,000,000	1,600,000	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
Anthracene	1,000,000,000 {D}	230,000,000	**350 J**	**620 J**	**150 J**	2,400 U	**430 J**	**76 J**	**320 J**	**500 J**	540 U	**190 J**	**690 J**	**92 J**
Benzo(a)anthracene	100,000 {Q}	20,000 {Q}	1,700 U	2,300 U	1,400 U	2,400 U	**270 J**	**75 J**	1,300 U	**310 J**	540 U	870 U	3,600 U	**51 J**
Benzo(a)pyrene	10,000 {Q}	2,000 {Q}	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	**250 J**	540 U	870 U	3,600 U	490 U
Benzo(b)fluoranthene	100,000 {Q}	20,000 {Q}	1,700 U	**380 J**	1,400 U	2,400 U	1,900 U	**53 J**	1,300 U	**390 J**	540 U	870 U	**410 J**	490 U
Benzo(g,h,i)perylene	9,100,000	2,500,000	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	**150 J**	540 U	870 U	3,600 U	490 U
Benzo(k)fluoranthene	1,000,000 {Q}	200,000 {Q}	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
bis(2-Chloroethoxy)methane			1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
bis(2-Chloroethyl)ether	89,000 {I}	13,000 {I}	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	**410 J**	870 U	3,600 U	490 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	2,800,000	1,700 U	**1,100 J**	**230 J**	**280 J**	**1,100 J**	**99 J**	1,300 U	**190 J**	540 U	870 U	**2,600 J**	**270 J**
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	1,700 U	2,300 U	1,400 U	2,400 UJ	1,900 UJ	300 UJ	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-14 (0 - 0.5') 6/20/95 FS	SD-14 (0.9 - 1.4') 6/20/95 FS	SD-14 (1.8 - 2.3') 6/20/95 FS	SD-15 (0 - 0.5') 6/20/95 FS	SD-15 (0.9 - 1.4') 6/20/95 FS	SD-15 (1.8 - 2.3') 6/20/95 FS	SD-16 (0 - 0.5') 6/20/95 FS	SD-16 (1.1 - 1.6') 6/20/95 FS	SD-16 (2.2 - 2.7') 6/20/95 FS	SD-18 (0 - 0.5') 6/20/95 FS	SD-18 (2.25 - 2.75') 6/20/95 FS	SD-18 (4.5 - 5') 6/20/95 FS
Carbazole	3,700,000	530,000	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	**120 J**	540 U	870 U	3,600 U	490 U
Chrysene	10,000,000 {Q}	2,000,000 {Q}	**350 J**	**660 J**	1,400 U	**270 J**	**430 J**	**130 J**	1,300 U	**510 J**	**100 J**	870 U	3,600 U	**82 J**
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	**7,600**	**1,500 J**	**1,200 J**	2,400 U	1,900 U	300 U	**2,100**	**360 J**	**5,600**	**190 J**	**8,700**	**5,100**
Di-n-octyl phthalate	28,000,000	6,900,000	1,700 U	**1,700 J**	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	**3,500 J**	**320 J**
Dibenz(a,h)anthracene	10,000 {Q}	2,000 {Q}	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
Dibenzofuran	ID	ID	**1,100 J**	**1,600 J**	**300 J**	**910 J**	**930 J**	**110 J**	**900 J**	**940 J**	**120 J**	**500 J**	**1,400 J**	**130 J**
Diethyl phthalate	740,000 {C}	740,000 {C}	**760 J**	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	**570**
Dimethyl phthalate	790,000 {C}	790,000 {C}	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
Fluoranthene	180,000,000	46,000,000	**720 J**	**1,100 J**	**340 J**	**530 J**	**740 J**	**200 J**	**540 J**	**1,200 J**	**150 J**	**290 J**	**1,100 J**	**110 J**
Fluorene	130,000,000	27,000,000	**700 J**	**1,000 J**	**370 J**	**560 J**	**850 J**	**180 J**	1,300 U	**1,100 J**	540 U	**380 J**	**1,500 J**	**160 J**
Hexachlorobenzene	51,000	8,900	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
Hexachlorobutadiene	350,000 {C}	100,000	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
Hexachlorocyclopentadiene	720,000 {C}	720,000 {C}	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
Hexachloroethane	1,100,000	230,000	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	20,000 {Q}	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
Isophorone	2,400,000 {C}	2,400,000 {C}	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	**400 J**	3,600 U	490 U
N-Nitroso-di-n-propylamine	8,300	1,200	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
N-Nitrosodiphenylamine	12,000,000	1,700,000	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
Naphthalene	80,000,000	16,000,000	**4,100**	**4,500**	**760 J**	**3,800**	**3,400**	**450**	**3,400**	**4,800 J**	**680**	**2,000**	**6,100**	**560**
Nitrobenzene	490,000 {C,I}	100,000 {I}	1,700 U	2,300 U	1,400 U	2,400 U	1,900 U	300 U	1,300 U	1,000 UJ	540 U	870 U	3,600 U	490 U
Pentachlorophenol	390,000	90,000	8,400 U	11,000 U	6,600 U	11,000 U	9,200 U	1,500 U	6,400 U	5,000 UJ	2,600 U	4,200 U	17,000 U	2,400 U
Phenanthrene	8,000,000	1,600,000	**2,200**	**2,900**	**780 J**	**1,700 J**	**2,300**	**430**	**1,900**	**3,400 J**	**430 J**	**1,300**	**4,300**	**460 J**
Phenol	12,000,000 {C,AD}	12,000,000 {C,AD}	**1,100 J**	**470 J**	1,400 U	**740 J**	1,900 U	**40 J**	**840 J**	**530 J**	540 U	**200 J**	3,600 U	490 U
Pyrene	110,000,000	29,000,000	**400 J**	**900 J**	**350 J**	**410 J**	**690 J**	**180 J**	**330 J**	**700 J**	**98 J**	**200 J**	**1,000 J**	**100 J**

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-19 (0 - 0.5') 6/20/95 FS	SD-19 (1.75 - 2.25') 6/20/95 FS	SD-19 (3.5 - 4') 6/20/95 FS	SD-20 (0 - 0.5') 6/20/95 FS	SD-20 (0.7 - 1.2') 6/20/95 FS	SD-20 (1.4 - 1.9') 6/20/95 FS	SD-21 (0 - 0.5') 6/20/95 FS	SD-21 (0.65 - 1.15') 6/20/95 FS	SD-21 (1.3 - 1.8') 6/20/95 FS	SD-22 (0 - 1.2') 6/19/95 FS	SD-22 (1.2 - 2.4') 6/19/95 FS	SD-22 (2.4 - 3.6') 6/19/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	990,000 {AD}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U	6.1 UJ	6.7 UJ	6.7 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U	6.1 U	6.7 UJ	6.7 U
1,4-Dichlorobenzene	2,900,000	400,000	77 U	11 U	7.3 U	14 U	15 U	9.3 U	15 U	16 U	8.8 U	6.1 UJ	6.7 UJ	6.7 U
2,2'-oxybis(dichloropropane)			5,100 UJ	3,500 UJ	970 UJ	4,500 UJ	2,000 UJ	1,500 UJ	9,800 UJ	2,600 UJ	720 UJ	200 UJ	220 U	220 UJ
2,4,5-Trichlorophenol	110,000,000	23,000,000	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
2,4,6-Trichlorophenol	5,000,000	710,000	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
2,4-Dichlorophenol	1,800,000 {C,AD}	660,000 {AD}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
2,4-Dimethylphenol	56,000,000	11,000,000	5,100 U	3,500 U	**350 J**	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
2,4-Dinitrophenol			25,000 U	17,000 U	4,700 U	22,000 U	9,800 U	7,500 U	47,000 U	13,000 U	3,500 U	980 UJ	1,100 UJ	1,100 UJ
2,4-Dinitrotoluene	340,000	48,000	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 UJ	220 UJ
2,6-Dinitrotoluene			5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 UJ	220 UJ
2-Chloronaphthalene	280,000,000	56,000,000	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
2-Chlorophenol	6,900,000	1,400,000	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
2-Methylnaphthalene	40,000,000	8,100,000	**8,300**	**5,400**	**1,900**	**2,800 J**	**3,000**	**590 J**	**6,600 J**	**4,600**	**1,000**	**33 J**	220 U	220 U
2-Methylphenol		11,000,000 {J}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
2-Methylphenol	56,000,000 {J}		5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
2-Nitroaniline			25,000 U	17,000 U	4,700 U	22,000 U	9,800 U	7,500 U	47,000 U	13,000 U	3,500 U	980 U	1,100 U	1,100 U
2-Nitrophenol	3,100,000	630,000	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
3,3'-Dichlorobenzidine	47,000	6,600	10,000 U	6,900 U	1,900 U	8,900 U	4,000 U	3,100 U	20,000 U	5,300 U	1,400 U	400 U	440 U	440 U
3-Nitroaniline			25,000 U	17,000 U	4,700 U	22,000 U	9,800 U	7,500 U	47,000 U	13,000 U	3,500 U	980 U	1,100 U	1,100 U
4,6-Dinitro-2-methylphenol	390,000	79,000	25,000 U	17,000 U	4,700 U	22,000 U	9,800 U	7,500 U	47,000 U	13,000 U	3,500 U	980 U	1,100 UJ	1,100 UJ
4-Bromophenyl phenyl ether			5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
4-Chloro-3-methylphenol	22,000,000	4,500,000	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
4-Chloroaniline			5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
4-Chlorophenyl phenyl ether			5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 UJ
4-Methylphenol	56,000,000 {J}	11,000,000 {J}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
4-Nitroaniline			25,000 U	17,000 U	4,700 U	22,000 U	9,800 U	7,500 U	47,000 U	13,000 U	3,500 U	980 UJ	1,100 UJ	1,100 UJ
4-Nitrophenol			25,000 U	17,000 U	4,700 U	22,000 U	9,800 U	7,500 U	47,000 U	13,000 U	3,500 U	980 UJ	1,100 UJ	1,100 UJ
Acenaphthene	200,000,000	41,000,000	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
Acenaphthylene	8,000,000	1,600,000	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
Anthracene	1,000,000,000 {D}	230,000,000	**750 J**	**470 J**	**150 J**	4,500 U	**340 J**	1,500 U	9,800 U	**410 J**	**120 J**	200 U	**41 J**	220 U
Benzo(a)anthracene	100,000 {Q}	20,000 {Q}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	**110 J**	**64 J**	**280**	220 U
Benzo(a)pyrene	10,000 {Q}	2,000 {Q}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	**55 J**	**250**	220 U
Benzo(b)fluoranthene	100,000 {Q}	20,000 {Q}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	**70 J**	**280**	220 U
Benzo(g,h,i)perylene	9,100,000	2,500,000	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	**91 J**	220 U
Benzo(k)fluoranthene	1,000,000 {Q}	200,000 {Q}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
bis(2-Chloroethoxy)methane			5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
bis(2-Chloroethyl)ether	89,000 {I}	13,000 {I}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 UJ	220 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	2,800,000	5,100 U	**3,600**	970 U	4,500 U	**1,200 J**	1,500 U	9,800 U	2,600 U	**130 J**	**21 J**	220 U	220 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 UJ	220 U	220 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-19 (0 - 0.5') 6/20/95 FS	SD-19 (1.75 - 2.25') 6/20/95 FS	SD-19 (3.5 - 4') 6/20/95 FS	SD-20 (0 - 0.5') 6/20/95 FS	SD-20 (0.7 - 1.2') 6/20/95 FS	SD-20 (1.4 - 1.9') 6/20/95 FS	SD-21 (0 - 0.5') 6/20/95 FS	SD-21 (0.65 - 1.15') 6/20/95 FS	SD-21 (1.3 - 1.8') 6/20/95 FS	SD-22 (0 - 1.2') 6/19/95 FS	SD-22 (1.2 - 2.4') 6/19/95 FS	SD-22 (2.4 - 3.6') 6/19/95 FS
Carbazole	3,700,000	530,000	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
Chrysene	10,000,000 {Q}	2,000,000 {Q}	5,100 U	3,500 U	**180 J**	4,500 U	2,000 U	1,500 U	9,800 U	**520 J**	**160 J**	**74 J**	**340**	220 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	5,100 U	3,500 U	**270 J**	**3,400 J**	2,000 U	**1,300 J**	9,800 U	**750 J**	**340 J**	**140 J**	**180 J**	220 U
Di-n-octyl phthalate	28,000,000	6,900,000	5,100 U	**5,000**	970 U	4,500 U	**1,400 J**	1,500 U	9,800 U	2,600 U	**87 J**	200 U	220 U	220 U
Dibenz(a,h)anthracene	10,000 {Q}	2,000 {Q}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
Dibenzofuran	ID	ID	**1,700 J**	**1,000 J**	**350 J**	**630 J**	**740 J**	1,500 U	**1,500 J**	**1,200 J**	**330 J**	200 U	220 U	220 U
Diethyl phthalate	740,000 {C}	740,000 {C}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 UJ	220 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 UJ	220 UJ
Fluoranthene	180,000,000	46,000,000	**1,100 J**	**900 J**	**210 J**	4,500 U	**590 J**	1,500 U	9,800 U	**760 J**	**240 J**	**120 J**	**560**	220 U
Fluorene	130,000,000	27,000,000	**1,400 J**	**1,100 J**	**320 J**	4,500 U	**700 J**	1,500 U	9,800 U	**890 J**	**250 J**	200 U	220 U	220 U
Hexachlorobenzene	51,000	8,900	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
Hexachlorobutadiene	350,000 {C}	100,000	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
Hexachlorocyclopentadiene	720,000 {C}	720,000 {C}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
Hexachloroethane	1,100,000	230,000	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	20,000 {Q}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	**90 J**	220 U
Isophorone	2,400,000 {C}	2,400,000 {C}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	**400 J**	200 U	220 U	220 U
N-Nitroso-di-n-propylamine	8,300	1,200	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
N-Nitrosodiphenylamine	12,000,000	1,700,000	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
Naphthalene	80,000,000	16,000,000	**8,100**	**4,100**	**1,400**	**2,400 J**	**2,200**	**420 J**	**6,600 J**	**3,700**	**810**	200 U	220 U	220 U
Nitrobenzene	490,000 {C,I}	100,000 {I}	5,100 U	3,500 U	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
Pentachlorophenol	390,000	90,000	25,000 U	17,000 U	4,700 U	22,000 U	9,800 U	7,500 U	47,000 U	13,000 U	3,500 U	980 U	1,100 U	1,100 U
Phenanthrene	8,000,000	1,600,000	**4,000 J**	**3,100 J**	**960 J**	**1,500 J**	**1,700 J**	**510 J**	**3,900 J**	**2,200 J**	**610 J**	**49 J**	**210 J**	220 U
Phenol	12,000,000 {C,AD}	12,000,000 {C,AD}	5,100 U	**510 J**	970 U	4,500 U	2,000 U	1,500 U	9,800 U	2,600 U	720 U	200 U	220 U	220 U
Pyrene	110,000,000	29,000,000	**880 J**	**720 J**	**260 J**	4,500 U	**480 J**	1,500 U	9,800 U	**600 J**	**170 J**	**110 J**	**580**	220 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-23 (0 - 1.2') 6/19/95 FS	SD-23 (1.2 - 2.4') 6/19/95 FS	SD-23 (2.4 - 3.6') 6/19/95 FS	SD-24 (0 - 1.5') 6/19/95 FS	SD-24 (1.5 - 3') 6/19/95 FS	SD-25 (0 - 1.1') 6/19/95 FS	SD-25 (1.1 - 2.2') 6/19/95 FS	SD-25 (2.2 - 3.3') 6/19/95 FS	SD-26 (0 - 1.2') 6/19/95 FS	SD-26 (1.2 - 2.4') 6/19/95 FS	SD-26 (2.4 - 3.6') 6/19/95 FS	SD-27 (0 - 1.3') 6/19/95 FS	SD-27 (1.3 - 2.6') 6/19/95 FS	SD-27 (2.6 - 3.9') 6/19/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	990,000 {AD}	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U
1,4-Dichlorobenzene	2,900,000	400,000	760 U	7.4 U	6.9 U	7.9 U	7.8 U	7.0 U	6.6 U	7.0 U	7.8 U	7.3 U	6.7 U	980 U	7.1 U	6.8 U
2,2'-oxybis(dichloropropane)			200 U	240 U	230 U	260 U	260 U	230 UJ	220 UJ	230 UJ	260 U	240 U	220 U	260 U	230 U	220 U
2,4,5-Trichlorophenol	110,000,000	23,000,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
2,4,6-Trichlorophenol	5,000,000	710,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
2,4-Dichlorophenol	1,800,000 {C,AD}	660,000 {AD}	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
2,4-Dimethylphenol	56,000,000	11,000,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
2,4-Dinitrophenol			970 U	1,200 U	1,100 U	1,300 U	1,200 U	1,100 UJ	1,100 UJ	1,100 UJ	1,200 U	1,200 U	1,100 U	1,300 U	1,100 U	1,100 U
2,4-Dinitrotoluene	340,000	48,000	200 U	240 U	230 U	260 U	260 U	230 U	220 UJ	230 U	260 U	240 U	220 U	260 U	230 U	220 U
2,6-Dinitrotoluene			200 U	240 U	230 U	260 U	260 U	230 U	220 UJ	230 U	260 U	240 U	220 U	260 U	230 U	220 U
2-Chloronaphthalene	280,000,000	56,000,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
2-Chlorophenol	6,900,000	1,400,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
2-Methylnaphthalene	40,000,000	8,100,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
2-Methylphenol		11,000,000 {J}	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
2-Methylphenol	56,000,000 {J}		200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
2-Nitroaniline			970 U	1,200 U	1,100 U	1,300 U	1,200 U	1,100 U	1,100 U	1,100 U	1,200 U	1,200 U	1,100 U	1,300 U	1,100 U	1,100 U
2-Nitrophenol	3,100,000	630,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
3,3'-Dichlorobenzidine	47,000	6,600	400 U	490 U	450 U	520 U	510 U	460 U	430 U	460 U	510 U	480 U	440 U	520 U	470 U	450 U
3-Nitroaniline			970 U	1,200 U	1,100 U	1,300 U	1,200 U	1,100 U	1,100 U	1,100 U	1,200 U	1,200 U	1,100 U	1,300 U	1,100 U	1,100 U
4,6-Dinitro-2-methylphenol	390,000	79,000	970 U	1,200 U	1,100 U	1,300 U	1,200 U	1,100 U	1,100 UJ	1,100 U	1,200 U	1,200 U	1,100 U	1,300 U	1,100 U	1,100 U
4-Bromophenyl phenyl ether			200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
4-Chloro-3-methylphenol	22,000,000	4,500,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
4-Chloroaniline			200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
4-Chlorophenyl phenyl ether			200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
4-Methylphenol	56,000,000 {J}	11,000,000 {J}	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
4-Nitroaniline			970 U	1,200 U	1,100 U	1,300 U	1,200 U	1,100 UJ	1,100 UJ	1,100 UJ	1,200 U	1,200 U	1,100 U	1,300 U	1,100 U	1,100 U
4-Nitrophenol			970 U	1,200 U	1,100 U	1,300 U	1,200 U	1,100 UJ	1,100 UJ	1,100 UJ	1,200 U	1,200 U	1,100 U	1,300 U	1,100 U	1,100 U
Acenaphthene	200,000,000	41,000,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Acenaphthylene	8,000,000	1,600,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Anthracene	1,000,000,000 {D}	230,000,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Benzo(a)anthracene	100,000 {Q}	20,000 {Q}	**47 J**	**53 J**	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Benzo(a)pyrene	10,000 {Q}	2,000 {Q}	**64 J**	**70 J**	**48 J**	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Benzo(b)fluoranthene	100,000 {Q}	20,000 {Q}	**90 J**	**82 J**	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Benzo(g,h,i)perylene	9,100,000	2,500,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Benzo(k)fluoranthene	1,000,000 {Q}	200,000 {Q}	**53 J**	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
bis(2-Chloroethoxy)methane			200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
bis(2-Chloroethyl)ether	89,000 {I}	13,000 {I}	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	2,800,000	**97 J**	240 U	230 U	260 U	260 U	230 UJ	**29 J**	230 UJ	260 U	240 U	220 U	**190 J**	230 U	220 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	200 U	240 U	230 U	260 U	260 U	230 UJ	220 U	230 UJ	260 U	240 U	220 U	260 U	230 U	220 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-23 (0 - 1.2') 6/19/95 FS	SD-23 (1.2 - 2.4') 6/19/95 FS	SD-23 (2.4 - 3.6') 6/19/95 FS	SD-24 (0 - 1.5') 6/19/95 FS	SD-24 (1.5 - 3') 6/19/95 FS	SD-25 (0 - 1.1') 6/19/95 FS	SD-25 (1.1 - 2.2') 6/19/95 FS	SD-25 (2.2 - 3.3') 6/19/95 FS	SD-26 (0 - 1.2') 6/19/95 FS	SD-26 (1.2 - 2.4') 6/19/95 FS	SD-26 (2.4 - 3.6') 6/19/95 FS	SD-27 (0 - 1.3') 6/19/95 FS	SD-27 (1.3 - 2.6') 6/19/95 FS	SD-27 (2.6 - 3.9') 6/19/95 FS
Carbazole	3,700,000	530,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Chrysene	10,000,000 {Q}	2,000,000 {Q}	**68 J**	**62 J**	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	200 U	240 U	230 U	260 U	260 U	**110 J**	**190 J**	**140 J**	260 U	240 U	220 U	260 U	230 U	220 U
Di-n-octyl phthalate	28,000,000	6,900,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Dibenz(a,h)anthracene	10,000 {Q}	2,000 {Q}	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Dibenzofuran	ID	ID	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Diethyl phthalate	740,000 {C}	740,000 {C}	200 U	240 U	230 U	260 U	260 U	230 U	220 UJ	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	200 U	240 U	230 U	260 U	260 U	230 U	220 UJ	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Fluoranthene	180,000,000	46,000,000	**130 J**	**65 J**	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Fluorene	130,000,000	27,000,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Hexachlorobenzene	51,000	8,900	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Hexachlorobutadiene	350,000 {C}	100,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Hexachlorocyclopentadiene	720,000 {C}	720,000 {C}	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Hexachloroethane	1,100,000	230,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	20,000 {Q}	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Isophorone	2,400,000 {C}	2,400,000 {C}	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
N-Nitroso-di-n-propylamine	8,300	1,200	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
N-Nitrosodiphenylamine	12,000,000	1,700,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Naphthalene	80,000,000	16,000,000	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Nitrobenzene	490,000 {C,I}	100,000 {I}	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Pentachlorophenol	390,000	90,000	970 U	1,200 U	1,100 U	1,300 U	1,200 U	1,100 U	1,100 U	1,100 U	1,200 U	1,200 U	1,100 U	1,300 U	1,100 U	1,100 U
Phenanthrene	8,000,000	1,600,000	**72 J**	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Phenol	12,000,000 {C,AD}	12,000,000 {C,AD}	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U
Pyrene	110,000,000	29,000,000	**88 J**	**63 J**	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U	260 U	230 U	220 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-28 (0 - 1.2') 6/19/95 FS	SD-28 (1.2 - 2.4') 6/19/95 FS	SD-28 (2.4 - 3.6') 6/19/95 FS	SD-29 (0 - 1.2') 6/19/95 FS	SD-29 (1.2 - 2.4') 6/19/95 FS	SD-29 (2.4 - 3.6') 6/19/95 FS	SD-30 (0 - 1.1') 6/19/95 FS	SD-30 (1.1 - 2.2') 6/19/95 FS	SD-30 (2.2 - 3.3') 6/19/95 FS	SD-31 (0 - 1.1') 6/19/95 FS	SD-31 (1.1 - 2.2') 6/19/95 FS	SD-31 (2.2 - 3.3') 6/19/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	990,000 {AD}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U
1,4-Dichlorobenzene	2,900,000	400,000	2,300 U	7.2 U	6.7 U	8.2 U	7.2 U	7.4 U	8.6 U	6.3 U	6.6 U	8.8 U	6.8 U	6.1 U
2,2'-oxybis(dichloropropane)			300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
2,4,5-Trichlorophenol	110,000,000	23,000,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
2,4,6-Trichlorophenol	5,000,000	710,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
2,4-Dichlorophenol	1,800,000 {C,AD}	660,000 {AD}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
2,4-Dimethylphenol	56,000,000	11,000,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
2,4-Dinitrophenol			1,500 U	1,100 U	1,100 U	1,300 U	1,100 U	1,200 U	1,400 U	1,000 U	1,100 U	1,400 U	1,100 U	980 U
2,4-Dinitrotoluene	340,000	48,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
2,6-Dinitrotoluene			300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
2-Chloronaphthalene	280,000,000	56,000,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
2-Chlorophenol	6,900,000	1,400,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
2-Methylnaphthalene	40,000,000	8,100,000	**44 J**	**30 J**	220 U	**620**	240 U	240 U	**65 J**	210 U	220 U	290 U	220 U	200 U
2-Methylphenol		11,000,000 {J}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
2-Methylphenol	56,000,000 {J}		300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
2-Nitroaniline			1,500 U	1,100 U	1,100 U	1,300 U	1,100 U	1,200 U	1,400 U	1,000 U	1,100 U	1,400 U	1,100 U	980 U
2-Nitrophenol	3,100,000	630,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
3,3'-Dichlorobenzidine	47,000	6,600	600 U	470 U	440 U	540 U	470 U	490 U	570 U	410 U	430 U	580 U	450 U	410 U
3-Nitroaniline			1,500 U	1,100 U	1,100 U	1,300 U	1,100 U	1,200 U	1,400 U	1,000 U	1,100 U	1,400 U	1,100 U	980 U
4,6-Dinitro-2-methylphenol	390,000	79,000	1,500 U	1,100 U	1,100 U	1,300 U	1,100 U	1,200 U	1,400 U	1,000 U	1,100 U	1,400 U	1,100 U	980 U
4-Bromophenyl phenyl ether			300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
4-Chloro-3-methylphenol	22,000,000	4,500,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
4-Chloroaniline			300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
4-Chlorophenyl phenyl ether			300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
4-Methylphenol	56,000,000 {J}	11,000,000 {J}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
4-Nitroaniline			1,500 U	1,100 U	1,100 U	1,300 U	1,100 U	1,200 U	1,400 U	1,000 U	1,100 U	1,400 UJ	1,100 UJ	980 U
4-Nitrophenol			1,500 U	1,100 U	1,100 U	1,300 U	1,100 U	1,200 U	1,400 U	1,000 U	1,100 U	1,400 U	1,100 U	980 U
Acenaphthene	200,000,000	41,000,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Acenaphthylene	8,000,000	1,600,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Anthracene	1,000,000,000 {D}	230,000,000	300 U	240 U	220 U	**36 J**	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Benzo(a)anthracene	100,000 {Q}	20,000 {Q}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Benzo(a)pyrene	10,000 {Q}	2,000 {Q}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Benzo(b)fluoranthene	100,000 {Q}	20,000 {Q}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Benzo(g,h,i)perylene	9,100,000	2,500,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Benzo(k)fluoranthene	1,000,000 {Q}	200,000 {Q}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
bis(2-Chloroethoxy)methane			300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
bis(2-Chloroethyl)ether	89,000 {I}	13,000 {I}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	2,800,000	300 U	240 U	220 U	**87 J**	**27 J**	240 U	280 U	210 U	220 U	290 U	**59 J**	200 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-28 (0 - 1.2') 6/19/95 FS	SD-28 (1.2 - 2.4') 6/19/95 FS	SD-28 (2.4 - 3.6') 6/19/95 FS	SD-29 (0 - 1.2') 6/19/95 FS	SD-29 (1.2 - 2.4') 6/19/95 FS	SD-29 (2.4 - 3.6') 6/19/95 FS	SD-30 (0 - 1.1') 6/19/95 FS	SD-30 (1.1 - 2.2') 6/19/95 FS	SD-30 (2.2 - 3.3') 6/19/95 FS	SD-31 (0 - 1.1') 6/19/95 FS	SD-31 (1.1 - 2.2') 6/19/95 FS	SD-31 (2.2 - 3.3') 6/19/95 FS
Carbazole	3,700,000	530,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Chrysene	10,000,000 {Q}	2,000,000 {Q}	300 U	240 U	220 U	**43 J**	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Di-n-octyl phthalate	28,000,000	6,900,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Dibenz(a,h)anthracene	10,000 {Q}	2,000 {Q}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Dibenzofuran	ID	ID	300 U	240 U	220 U	**120 J**	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Diethyl phthalate	740,000 {C}	740,000 {C}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Fluoranthene	180,000,000	46,000,000	300 U	240 U	220 U	**59 J**	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Fluorene	130,000,000	27,000,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Hexachlorobenzene	51,000	8,900	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Hexachlorobutadiene	350,000 {C}	100,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Hexachlorocyclopentadiene	720,000 {C}	720,000 {C}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Hexachloroethane	1,100,000	230,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	20,000 {Q}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Isophorone	2,400,000 {C}	2,400,000 {C}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
N-Nitroso-di-n-propylamine	8,300	1,200	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
N-Nitrosodiphenylamine	12,000,000	1,700,000	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Naphthalene	80,000,000	16,000,000	300 U	240 U	220 U	**430**	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Nitrobenzene	490,000 {C,I}	100,000 {I}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Pentachlorophenol	390,000	90,000	1,500 U	1,100 U	1,100 U	1,300 U	1,100 U	1,200 U	1,400 U	1,000 U	1,100 U	1,400 U	1,100 U	980 U
Phenanthrene	8,000,000	1,600,000	300 U	240 U	220 U	**270**	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Phenol	12,000,000 {C,AD}	12,000,000 {C,AD}	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U
Pyrene	110,000,000	29,000,000	300 U	240 U	220 U	**50 J**	240 U	240 U	280 U	210 U	220 U	290 U	220 U	200 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-32 (0 - 1.4') 6/19/95 FS	SD-32 (0 - 1.4') 6/19/95 DUP	SD-32 (1.4 - 2.8') 6/19/95 FS	SD-32 (2.8 - 4.2') 6/19/95 FS	SD-33 (0 - 1.3') 6/19/95 FS	SD-33 (1.3 - 2.6') 6/19/95 FS	SD-33 (2.6 - 3.9') 6/19/95 FS	SD-34 (0 - 1.3') 6/21/95 FS	SD-34 (1.3 - 2.6') 6/21/95 FS	SD-34 (2.6 - 3.9') 6/21/95 FS	SD-35 (0 - 1.5') 6/21/95 FS	SD-35 (1.5 - 3') 6/21/95 FS	SD-35 (3 - 4.5') 6/21/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	990,000 {AD}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U	7.1 UJ	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U	7.1 UJ	7.5 U	7.0 U	9.9 U	7.0 U	7.4 U
1,4-Dichlorobenzene	2,900,000	400,000	10 U	11 U	6.6 U	6.2 U	11 U	14 U	5.9 U	7.1 UJ	7.5 U	7.0 U	9.9 U	**5.3 J**	7.4 U
2,2'-oxybis(dichloropropane)			340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
2,4,5-Trichlorophenol	110,000,000	23,000,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
2,4,6-Trichlorophenol	5,000,000	710,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
2,4-Dichlorophenol	1,800,000 {C,AD}	660,000 {AD}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
2,4-Dimethylphenol	56,000,000	11,000,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
2,4-Dinitrophenol			1,600 U	1,700 U	1,100 U	1,000 U	1,700 U	1,300 U	950 U	1,100 U	1,200 U	1,100 U	1,600 U	1,100 U	1,200 U
2,4-Dinitrotoluene	340,000	48,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
2,6-Dinitrotoluene			340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
2-Chloronaphthalene	280,000,000	56,000,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
2-Chlorophenol	6,900,000	1,400,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
2-Methylnaphthalene	40,000,000	8,100,000	**100 J**	**140 J**	220 U	210 U	**350**	**140 J**	190 U	**630**	**220 J**	230 U	**350**	**570**	**120 J**
2-Methylphenol		11,000,000 {J}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
2-Methylphenol	56,000,000 {J}		340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
2-Nitroaniline			1,600 U	1,700 U	1,100 U	1,000 U	1,700 U	1,300 U	950 U	1,100 U	1,200 U	1,100 U	1,600 U	1,100 U	1,200 U
2-Nitrophenol	3,100,000	630,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
3,3'-Dichlorobenzidine	47,000	6,600	680 U	700 U	440 U	410 U	700 U	540 U	390 U	470 U	490 U	460 U	660 U	460 U	490 U
3-Nitroaniline			1,600 U	1,700 U	1,100 U	1,000 U	1,700 U	1,300 U	950 U	1,100 U	1,200 U	1,100 U	1,600 U	1,100 U	1,200 U
4,6-Dinitro-2-methylphenol	390,000	79,000	1,600 U	1,700 U	1,100 U	1,000 U	1,700 U	1,300 U	950 U	1,100 U	1,200 U	1,100 U	1,600 U	1,100 U	1,200 U
4-Bromophenyl phenyl ether			340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
4-Chloro-3-methylphenol	22,000,000	4,500,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
4-Chloroaniline			340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
4-Chlorophenyl phenyl ether			340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
4-Methylphenol	56,000,000 {J}	11,000,000 {J}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
4-Nitroaniline			1,600 UJ	1,700 U	1,100 UJ	1,000 U	1,700 UJ	1,300 UJ	950 U	1,100 U	1,200 U	1,100 U	1,600 U	1,100 U	1,200 U
4-Nitrophenol			1,600 U	1,700 U	1,100 U	1,000 U	1,700 U	1,300 U	950 U	1,100 U	1,200 U	1,100 U	1,600 U	1,100 U	1,200 U
Acenaphthene	200,000,000	41,000,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Acenaphthylene	8,000,000	1,600,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Anthracene	1,000,000,000 {D}	230,000,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	**41 J**	250 U	230 U	330 U	**46 J**	240 U
Benzo(a)anthracene	100,000 {Q}	20,000 {Q}	340 U	350 U	220 U	210 U	**36 J**	**32 J**	190 U	**51 J**	250 U	230 U	330 U	**62 J**	240 U
Benzo(a)pyrene	10,000 {Q}	2,000 {Q}	340 U	350 U	220 U	210 U	350 U	**31 J**	190 U	**45 J**	**33 J**	230 U	330 U	**66 J**	240 U
Benzo(b)fluoranthene	100,000 {Q}	20,000 {Q}	340 U	350 U	220 U	210 U	**57 J**	**47 J**	190 U	**61 J**	**42 J**	230 U	330 U	**110 J**	240 U
Benzo(g,h,i)perylene	9,100,000	2,500,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Benzo(k)fluoranthene	1,000,000 {Q}	200,000 {Q}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
bis(2-Chloroethoxy)methane			340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
bis(2-Chloroethyl)ether	89,000 {I}	13,000 {I}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	2,800,000	**170 J**	350 U	**110 J**	210 U	**120 J**	270 U	190 U	240 U	**38 J**	230 U	330 U	**140 J**	240 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-32 (0 - 1.4') 6/19/95 FS	SD-32 (0 - 1.4') 6/19/95 DUP	SD-32 (1.4 - 2.8') 6/19/95 FS	SD-32 (2.8 - 4.2') 6/19/95 FS	SD-33 (0 - 1.3') 6/19/95 FS	SD-33 (1.3 - 2.6') 6/19/95 FS	SD-33 (2.6 - 3.9') 6/19/95 FS	SD-34 (0 - 1.3') 6/21/95 FS	SD-34 (1.3 - 2.6') 6/21/95 FS	SD-34 (2.6 - 3.9') 6/21/95 FS	SD-35 (0 - 1.5') 6/21/95 FS	SD-35 (1.5 - 3') 6/21/95 FS	SD-35 (3 - 4.5') 6/21/95 FS
Carbazole	3,700,000	530,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Chrysene	10,000,000 {Q}	2,000,000 {Q}	340 U	**47 J**	220 U	210 U	**49 J**	**42 J**	190 U	**65 J**	**44 J**	230 U	330 U	**91 J**	240 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	**52 J**	250 U	**25 J**	**55 J**	**94 J**	240 U
Di-n-octyl phthalate	28,000,000	6,900,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	**98 J**	240 U
Dibenz(a,h)anthracene	10,000 {Q}	2,000 {Q}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Dibenzofuran	ID	ID	340 U	350 U	220 U	210 U	**71 J**	**35 J**	190 U	**130 J**	**48 J**	230 U	**80 J**	**110 J**	240 U
Diethyl phthalate	740,000 {C}	740,000 {C}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Fluoranthene	180,000,000	46,000,000	340 U	350 U	220 U	210 U	**80 J**	**68 J**	190 U	**93 J**	**81 J**	230 U	**60 J**	**160 J**	240 U
Fluorene	130,000,000	27,000,000	340 U	350 U	220 U	210 U	**47 J**	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Hexachlorobenzene	51,000	8,900	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Hexachlorobutadiene	350,000 {C}	100,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Hexachlorocyclopentadiene	720,000 {C}	720,000 {C}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Hexachloroethane	1,100,000	230,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	20,000 {Q}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Isophorone	2,400,000 {C}	2,400,000 {C}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	**330**	**160 J**
N-Nitroso-di-n-propylamine	8,300	1,200	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
N-Nitrosodiphenylamine	12,000,000	1,700,000	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Naphthalene	80,000,000	16,000,000	340 U	**100 J**	220 U	210 U	**240 J**	**110 J**	190 U	**520**	**170 J**	230 U	**260 J**	**480**	**88 J**
Nitrobenzene	490,000 {C,I}	100,000 {I}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Pentachlorophenol	390,000	90,000	1,600 U	1,700 U	1,100 U	1,000 U	1,700 U	1,300 U	950 U	1,100 U	1,200 U	1,100 U	1,600 U	1,100 U	1,200 U
Phenanthrene	8,000,000	1,600,000	**65 J**	**96 J**	220 U	210 U	**190 J**	**120 J**	190 U	**320**	**150 J**	230 U	**180 J**	**330**	**55 J**
Phenol	12,000,000 {C,AD}	12,000,000 {C,AD}	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U	330 U	230 U	240 U
Pyrene	110,000,000	29,000,000	340 U	**50 J**	220 U	210 U	**48 J**	**46 J**	190 U	**82 J**	**71 J**	230 U	**58 J**	**100 J**	240 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-36 (0 - 1.2') 6/19/95 FS	SD-36 (1.2 - 2.4') 6/19/95 FS	SD-36 (2.4 - 3.6') 6/19/95 FS	SD-37 (0 - 1.3') 6/19/95 FS	SD-37 (1.3 - 2.6') 6/19/95 FS	SD-37 (1.3 - 2.6') 6/19/95 DUP	SD-37 (2.6 - 3.9') 6/19/95 FS	SD-38 (0 - 1.2') 6/19/95 FS	SD-38 (1.2 - 2.4') 6/19/95 FS	SD-39 (0 - 1') 6/22/95 FS	SD-39 (1 - 2') 6/22/95 FS	SD-39 (1 - 2') 6/22/95 DUP	SD-40 (0 - 1.1') 6/22/95 FS	SD-40 (1.1 - 2.2') 6/22/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	990,000 {AD}	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U
1,4-Dichlorobenzene	2,900,000	400,000	7.2 U	7.0 U	7.6 U	7.1 U	7.3 U	7.5 U	6.6 U	10 U	6.6 U	6.1 U	5.4 U	6.2 U	8.9 U	6.8 U
2,2'-oxybis(dichloropropane)			240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 UJ	180 U	200 UJ	290 U	230 UJ
2,4,5-Trichlorophenol	110,000,000	23,000,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
2,4,6-Trichlorophenol	5,000,000	710,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
2,4-Dichlorophenol	1,800,000 {C,AD}	660,000 {AD}	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
2,4-Dimethylphenol	56,000,000	11,000,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
2,4-Dinitrophenol			1,200 U	1,100 U	1,200 U	1,100 U	1,200 U	1,200 U	1,100 U	1,600 U	1,100 U	980 U	860 U	990 U	1,400 U	1,100 U
2,4-Dinitrotoluene	340,000	48,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
2,6-Dinitrotoluene			240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
2-Chloronaphthalene	280,000,000	56,000,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
2-Chlorophenol	6,900,000	1,400,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
2-Methylnaphthalene	40,000,000	8,100,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	**420**	**42 J**
2-Methylphenol		11,000,000 {J}	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
2-Methylphenol	56,000,000 {J}		240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
2-Nitroaniline			1,200 U	1,100 U	1,200 U	1,100 U	1,200 U	1,200 U	1,100 U	1,600 U	1,100 U	980 UJ	860 U	990 U	1,400 U	1,100 UJ
2-Nitrophenol	3,100,000	630,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
3,3'-Dichlorobenzidine	47,000	6,600	480 U	460 U	500 U	470 U	480 U	490 U	440 U	660 U	440 U	400 U	350 U	410 U	590 U	450 U
3-Nitroaniline			1,200 U	1,100 U	1,200 U	1,100 U	1,200 U	1,200 U	1,100 U	1,600 U	1,100 U	980 U	860 U	990 U	1,400 U	1,100 U
4,6-Dinitro-2-methylphenol	390,000	79,000	1,200 U	1,100 U	1,200 U	1,100 U	1,200 U	1,200 U	1,100 U	1,600 U	1,100 U	980 U	860 U	990 UJ	1,400 U	1,100 U
4-Bromophenyl phenyl ether			240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
4-Chloro-3-methylphenol	22,000,000	4,500,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
4-Chloroaniline			240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
4-Chlorophenyl phenyl ether			240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
4-Methylphenol	56,000,000 {J}	11,000,000 {J}	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	**80 J**	230 U
4-Nitroaniline			1,200 UJ	1,100 U	1,200 U	1,100 UJ	1,200 U	1,200 U	1,100 U	1,600 UJ	1,100 UJ	980 U	860 U	990 U	1,400 U	1,100 U
4-Nitrophenol			1,200 U	1,100 U	1,200 U	1,100 U	1,200 U	1,200 U	1,100 U	1,600 U	1,100 U	980 U	860 U	990 U	1,400 U	1,100 U
Acenaphthene	200,000,000	41,000,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
Acenaphthylene	8,000,000	1,600,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
Anthracene	1,000,000,000 {D}	230,000,000	**27 J**	230 U	250 U	230 U	240 U	250 U	220 U	**39 J**	220 U	200 U	180 U	200 U	290 U	230 U
Benzo(a)anthracene	100,000 {Q}	20,000 {Q}	**120 J**	230 U	250 U	230 U	240 U	250 U	220 U	**170 J**	**38 J**	200 U	180 U	200 U	**46 J**	230 U
Benzo(a)pyrene	10,000 {Q}	2,000 {Q}	**150 J**	230 U	250 U	230 U	240 U	250 U	220 U	**260 J**	**57 J**	200 U	180 U	200 U	**58 J**	230 U
Benzo(b)fluoranthene	100,000 {Q}	20,000 {Q}	**200 J**	230 U	250 U	230 U	240 U	250 U	220 U	**320 J**	**68 J**	200 U	180 U	200 U	**85 J**	230 U
Benzo(g,h,i)perylene	9,100,000	2,500,000	**56 J**	230 U	250 U	230 U	240 U	250 U	220 U	**110 J**	220 U	200 U	180 U	200 U	290 U	230 U
Benzo(k)fluoranthene	1,000,000 {Q}	200,000 {Q}	**96 J**	230 U	250 U	230 U	240 U	250 U	220 U	**160 J**	**32 J**	200 U	180 U	200 U	290 U	230 U
bis(2-Chloroethoxy)methane			240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
bis(2-Chloroethyl)ether	89,000 {I}	13,000 {I}	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	2,800,000	**52 J**	230 U	**140 J**	**99 J**	**64 J**	250 U	220 U	**140 J**	220 U	200 U	180 U	200 U	290 U	230 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-36 (0 - 1.2') 6/19/95 FS	SD-36 (1.2 - 2.4') 6/19/95 FS	SD-36 (2.4 - 3.6') 6/19/95 FS	SD-37 (0 - 1.3') 6/19/95 FS	SD-37 (1.3 - 2.6') 6/19/95 FS	SD-37 (1.3 - 2.6') 6/19/95 DUP	SD-37 (2.6 - 3.9') 6/19/95 FS	SD-38 (0 - 1.2') 6/19/95 FS	SD-38 (1.2 - 2.4') 6/19/95 FS	SD-39 (0 - 1') 6/22/95 FS	SD-39 (1 - 2') 6/22/95 FS	SD-39 (1 - 2') 6/22/95 DUP	SD-40 (0 - 1.1') 6/22/95 FS	SD-40 (1.1 - 2.2') 6/22/95 FS
Carbazole	3,700,000	530,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
Chrysene	10,000,000 {Q}	2,000,000 {Q}	**140 J**	230 U	250 U	230 U	240 U	250 U	220 U	**190 J**	**45 J**	200 U	180 U	200 U	**62 J**	230 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	**130 J**	230 U
Di-n-octyl phthalate	28,000,000	6,900,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
Dibenz(a,h)anthracene	10,000 {Q}	2,000 {Q}	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
Dibenzofuran	ID	ID	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	**44 J**	230 U
Diethyl phthalate	740,000 {C}	740,000 {C}	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
Fluoranthene	180,000,000	46,000,000	**280**	230 U	250 U	230 U	240 U	250 U	220 U	**320 J**	**83 J**	200 U	180 U	200 U	**99 J**	230 U
Fluorene	130,000,000	27,000,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
Hexachlorobenzene	51,000	8,900	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 UJ	290 U	230 U
Hexachlorobutadiene	350,000 {C}	100,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
Hexachlorocyclopentadiene	720,000 {C}	720,000 {C}	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
Hexachloroethane	1,100,000	230,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	20,000 {Q}	**57 J**	230 U	250 U	230 U	240 U	250 U	220 U	**100 J**	**23 J**	200 U	180 U	200 U	290 U	230 U
Isophorone	2,400,000 {C}	2,400,000 {C}	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
N-Nitroso-di-n-propylamine	8,300	1,200	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 UJ	180 U	200 U	290 U	230 UJ
N-Nitrosodiphenylamine	12,000,000	1,700,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
Naphthalene	80,000,000	16,000,000	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	**320**	**30 J**
Nitrobenzene	490,000 {C,I}	100,000 {I}	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	290 U	230 U
Pentachlorophenol	390,000	90,000	1,200 U	1,100 U	1,200 U	1,100 U	1,200 U	1,200 U	1,100 U	1,600 U	1,100 U	980 U	860 U	990 U	1,400 U	1,100 U
Phenanthrene	8,000,000	1,600,000	**94 J**	230 U	250 U	230 U	240 U	250 U	220 U	**150 J**	**42 J**	200 U	180 U	200 U	**160 J**	**26 J**
Phenol	12,000,000 {C,AD}	12,000,000 {C,AD}	240 U	230 U	250 U	230 U	240 U	250 U	220 U	330 U	220 U	200 U	180 U	200 U	**220 J**	230 U
Pyrene	110,000,000	29,000,000	**150 J**	230 U	250 U	**30 J**	240 U	250 U	220 U	**190 J**	**47 J**	200 U	180 U	200 U	**67 J**	230 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-41 (0 - 1') 6/22/95 FS	SD-41 (1 - 2') 6/22/95 FS	SD-42 (0 - 1') 6/22/95 FS	SD-42 (1 - 2') 6/22/95 FS	SD-43 (0 - 0.8') 6/15/95 FS	SD-43 (0.8 - 1.6') 6/15/95 FS	SD-44 (0 - 0.9') 6/15/95 FS	SD-44 (0.9 - 1.8') 6/15/95 FS	SD-45 (0 - 0.7') 6/15/95 FS	SD-45 (0.7 - 1.4') 6/15/95 FS	SD-46 (0 - 1.5') 6/15/95 FS	SD-46 (1.5 - 3') 6/15/95 FS	SD-46 (3 - 4.5') 6/15/95 FS	SD-47 (0 - 1.5') 6/15/95 FS	SD-47 (1.5 - 3') 6/15/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	990,000 {AD}	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	6.9 U	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	6.9 U	6.0 U	5.2 U	6.4 U	7.1 U	5.9 U	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U
1,4-Dichlorobenzene	2,900,000	400,000	**4.1 J**	**2.8 J**	5.2 U	6.4 U	7.1 U	5.9 U	10 U	7.9 U	6.9 U	6.6 U	9.6 U	7.4 U	6.7 U	31 U	6.7 U
2,2'-oxybis(dichloropropane)			450 U	200 U	170 UJ	210 UJ	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
2,4,5-Trichlorophenol	110,000,000	23,000,000	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
2,4,6-Trichlorophenol	5,000,000	710,000	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
2,4-Dichlorophenol	1,800,000 {C,AD}	660,000 {AD}	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
2,4-Dimethylphenol	56,000,000	11,000,000	450 U	**34 J**	170 U	**100 J**	**120 J**	200 U	**100 J**	260 U	230 U	220 U	**240 J**	250 U	220 U	210 U	220 U
2,4-Dinitrophenol			2,200 U	960 U	840 U	1,000 U	1,100 U	950 U	3,200 U	1,300 U	1,100 U	1,100 U	1,500 U	1,200 U	1,100 U	1,000 U	1,100 U
2,4-Dinitrotoluene	340,000	48,000	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
2,6-Dinitrotoluene			450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
2-Chloronaphthalene	280,000,000	56,000,000	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
2-Chlorophenol	6,900,000	1,400,000	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
2-Methylnaphthalene	40,000,000	8,100,000	**1,900**	**390**	**610**	**1,400**	**1,000**	**530**	**3,300**	**630**	230 U	220 U	**1,700**	250 U	220 U	210 U	220 U
2-Methylphenol		11,000,000 {J}	**91 J**	**42 J**	170 U	**110 J**	**100 J**	200 U	**150 J**	260 U	230 U	220 U	**200 J**	250 U	220 U	210 U	220 U
2-Methylphenol	56,000,000 {J}		**91 J**	**42 J**	170 U	**110 J**	**100 J**	200 U	**150 J**	260 U	230 U	220 U	**200 J**	250 U	220 U	210 U	220 U
2-Nitroaniline			2,200 U	960 U	840 UJ	1,000 U	1,100 U	950 U	3,200 U	1,300 U	1,100 U	1,100 U	1,500 U	1,200 U	1,100 U	1,000 U	1,100 U
2-Nitrophenol	3,100,000	630,000	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
3,3'-Dichlorobenzidine	47,000	6,600	900 U	400 U	350 U	420 U	470 U	390 U	1,300 U	520 U	450 U	430 U	630 U	490 U	440 U	410 U	440 U
3-Nitroaniline			2,200 U	960 U	840 U	1,000 U	1,100 U	950 U	3,200 U	1,300 U	1,100 U	1,100 U	1,500 U	1,200 U	1,100 U	1,000 U	1,100 U
4,6-Dinitro-2-methylphenol	390,000	79,000	2,200 U	960 U	840 U	1,000 U	1,100 U	950 U	3,200 U	1,300 U	1,100 U	1,100 U	1,500 U	1,200 U	1,100 U	1,000 U	1,100 U
4-Bromophenyl phenyl ether			450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
4-Chloro-3-methylphenol	22,000,000	4,500,000	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
4-Chloroaniline			450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
4-Chlorophenyl phenyl ether			450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
4-Methylphenol	56,000,000 {J}	11,000,000 {J}	**310 J**	**69 J**	170 U	**110 J**	**120 J**	**38 J**	**140 J**	260 U	230 U	220 U	**220 J**	250 U	220 U	210 U	220 U
4-Nitroaniline			2,200 U	960 U	840 U	1,000 U	1,100 U	950 U	3,200 U	1,300 UJ	1,100 U	1,100 U	1,500 U	1,200 U	1,100 U	1,000 U	1,100 U
4-Nitrophenol			2,200 U	960 U	840 U	1,000 U	1,100 U	950 U	3,200 U	1,300 U	1,100 U	1,100 U	1,500 U	1,200 U	1,100 U	1,000 U	1,100 U
Acenaphthene	200,000,000	41,000,000	450 U	200 U	170 U	**45 J**	**41 J**	**32 J**	**87 J**	260 U	230 U	220 U	**68 J**	250 U	220 U	210 U	220 U
Acenaphthylene	8,000,000	1,600,000	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
Anthracene	1,000,000,000 {D}	230,000,000	**120 J**	**23 J**	**40 J**	**100 J**	**72 J**	**37 J**	**110 J**	**58 J**	230 U	220 U	**120 J**	250 U	220 U	210 U	220 U
Benzo(a)anthracene	100,000 {Q}	20,000 {Q}	**120 J**	**27 J**	**41 J**	**110 J**	**120 J**	**90 J**	**140 J**	**120 J**	230 U	220 U	**100 J**	250 U	220 U	210 U	220 U
Benzo(a)pyrene	10,000 {Q}	2,000 {Q}	**90 J**	**25 J**	**26 J**	**89 J**	**120 J**	**130 J**	**88 J**	**110 J**	230 U	220 U	**61 J**	250 U	220 U	210 U	220 U
Benzo(b)fluoranthene	100,000 {Q}	20,000 {Q}	**190 J**	**36 J**	**41 J**	**130 J**	**210 J**	**140 J**	**120 J**	**140 J**	230 U	220 U	**95 J**	250 U	220 U	210 U	220 U
Benzo(g,h,i)perylene	9,100,000	2,500,000	450 U	200 U	**23 J**	**54 J**	**42 J**	**60 J**	660 U	**59 J**	230 U	220 U	**36 J**	250 U	220 U	210 U	220 U
Benzo(k)fluoranthene	1,000,000 {Q}	200,000 {Q}	**50 J**	200 U	170 U	210 U	230 U	200 U	660 U	**55 J**	230 U	220 U	320 U	250 U	220 U	210 U	220 U
bis(2-Chloroethoxy)methane			450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
bis(2-Chloroethyl)ether	89,000 {I}	13,000 {I}	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	2,800,000	**140 J**	**110 J**	**32 J**	**57 J**	**230 J**	200 U	660 U	260 U	230 U	220 U	320 U	250 U	510 U	210 U	220 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	450 U	200 U	170 U	210 U	230 U	200 U	**340 J**	**190 J**	230 U	220 U	320 U	250 U	**390**	210 U	220 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-41 (0 - 1') 6/22/95 FS	SD-41 (1 - 2') 6/22/95 FS	SD-42 (0 - 1') 6/22/95 FS	SD-42 (1 - 2') 6/22/95 FS	SD-43 (0 - 0.8') 6/15/95 FS	SD-43 (0.8 - 1.6') 6/15/95 FS	SD-44 (0 - 0.9') 6/15/95 FS	SD-44 (0.9 - 1.8') 6/15/95 FS	SD-45 (0 - 0.7') 6/15/95 FS	SD-45 (0.7 - 1.4') 6/15/95 FS	SD-46 (0 - 1.5') 6/15/95 FS	SD-46 (1.5 - 3') 6/15/95 FS	SD-46 (3 - 4.5') 6/15/95 FS	SD-47 (0 - 1.5') 6/15/95 FS	SD-47 (1.5 - 3') 6/15/95 FS
Carbazole	3,700,000	530,000	450 U	200 U	170 U	**35 J**	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
Chrysene	10,000,000 {Q}	2,000,000 {Q}	**240 J**	**36 J**	**57 J**	**150 J**	**150 J**	**110 J**	**240 J**	**140 J**	230 U	220 U	**140 J**	250 U	220 U	210 U	220 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	**83 J**	**98 J**	170 U	210 U	**82 J**	**110 J**	**6,900**	**4,100**	**1,800**	**1,000**	**460**	**500**	**3,500**	**3,700 D**	220 U
Di-n-octyl phthalate	28,000,000	6,900,000	450 U	**170 J**	170 U	**45 J**	**230**	**120 J**	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
Dibenz(a,h)anthracene	10,000 {Q}	2,000 {Q}	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
Dibenzofuran	ID	ID	**350 J**	**71 J**	**100 J**	**290**	**200 J**	**56 J**	**330 J**	**82 J**	230 U	220 U	**260 J**	250 U	220 U	210 U	220 U
Diethyl phthalate	740,000 {C}	740,000 {C}	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
Fluoranthene	180,000,000	46,000,000	**350 J**	**59 J**	**100 J**	**240**	**230**	**180 J**	**350 J**	**220 J**	230 U	220 U	**330**	250 U	220 U	210 U	220 U
Fluorene	130,000,000	27,000,000	**70 J**	**29 J**	170 U	**83 J**	**79 J**	**68 J**	**150 J**	**64 J**	230 U	220 U	**160 J**	250 U	220 U	210 U	220 U
Hexachlorobenzene	51,000	8,900	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
Hexachlorobutadiene	350,000 {C}	100,000	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
Hexachlorocyclopentadiene	720,000 {C}	720,000 {C}	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
Hexachloroethane	1,100,000	230,000	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	20,000 {Q}	450 U	200 U	170 U	**25 J**	**26 J**	**49 J**	660 U	**46 J**	230 U	220 U	320 U	250 U	220 U	210 U	220 U
Isophorone	2,400,000 {C}	2,400,000 {C}	450 U	200 U	170 U	**54 J**	**120 J**	**660**	660 U	**150 J**	230 U	220 U	320 U	250 U	220 U	210 U	220 U
N-Nitroso-di-n-propylamine	8,300	1,200	450 U	200 U	170 UJ	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
N-Nitrosodiphenylamine	12,000,000	1,700,000	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
Naphthalene	80,000,000	16,000,000	**1,400**	**320**	**450**	**1,100**	**870**	**560**	**2,300**	**380**	230 U	220 U	**1,400**	250 U	220 U	210 U	220 U
Nitrobenzene	490,000 {C,I}	100,000 {I}	450 U	200 U	170 U	210 U	230 U	200 U	660 U	260 U	230 U	220 U	320 U	250 U	220 U	210 U	220 U
Pentachlorophenol	390,000	90,000	2,200 U	960 U	840 U	1,000 U	1,100 U	950 U	3,200 U	1,300 U	1,100 U	1,100 U	1,500 U	1,200 U	1,100 U	1,000 U	1,100 U
Phenanthrene	8,000,000	1,600,000	**1,000**	**190 J**	**330**	**680**	**510**	**240**	**840**	**320**	230 U	220 U	**880**	250 U	220 U	210 U	220 U
Phenol	12,000,000 {C,AD}	12,000,000 {C,AD}	**260 J**	**130 J**	**99 J**	**170 J**	**190 J**	**120 J**	**910**	**120 J**	230 U	220 U	**210 J**	250 U	220 U	210 U	220 U
Pyrene	110,000,000	29,000,000	**240 J**	**42 J**	**56 J**	**150 J**	**180 J**	**150 J**	**220 J**	**150 J**	230 U	220 U	**160 J**	250 U	220 U	210 U	220 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-48 (0 - 1.3') 6/15/95 FS	SD-48 (1.3 - 2.6') 6/15/95 FS	SD-59 (0 - 0.5') 8/10/00 FS	SD-60 (0 - 0.5') 8/10/00 FS	SD-61 (0 - 0.5') 8/10/00 FS	SD-62 (0 - 0.5') 8/10/00 FS	SD-62 (0 - 0.5') 8/10/00 DUP	SD-64 (0 - 0.5') 8/10/00 FS	SD-65 (0 - 0.5') 8/10/00 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	990,000 {AD}	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	6.4 U	6.7 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	6.4 U	6.7 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
1,4-Dichlorobenzene	2,900,000	400,000	6.4 U	6.7 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
2,2'-oxybis(dichloropropane)			210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
2,4,5-Trichlorophenol	110,000,000	23,000,000	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
2,4,6-Trichlorophenol	5,000,000	710,000	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
2,4-Dichlorophenol	1,800,000 {C,AD}	660,000 {AD}	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
2,4-Dimethylphenol	56,000,000	11,000,000	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
2,4-Dinitrophenol			1,000 U	1,100 U	2,700 UJ	2,700 UJ	2,600 UJ	8,200 UJ	5,600 UJ	3,300 UJ	2,600 UJ
2,4-Dinitrotoluene	340,000	48,000	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
2,6-Dinitrotoluene			210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
2-Chloronaphthalene	280,000,000	56,000,000	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
2-Chlorophenol	6,900,000	1,400,000	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
2-Methylnaphthalene	40,000,000	8,100,000	**85 J**	220 U	550 U	**320 J**	530 U	**200 J**	**150 J**	690 U	540 U
2-Methylphenol		11,000,000 {J}	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
2-Methylphenol	56,000,000 {J}		210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
2-Nitroaniline			1,000 U	1,100 U	2,700 U	2,700 U	2,600 U	8,200 U	5,600 U	3,300 U	2,600 U
2-Nitrophenol	3,100,000	630,000	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
3,3'-Dichlorobenzidine	47,000	6,600	420 U	440 U	2,700 U	2,700 U	2,600 U	8,200 U	5,600 U	3,300 U	2,600 U
3-Nitroaniline			1,000 U	1,100 U	2,700 U	2,700 U	2,600 U	8,200 U	5,600 U	3,300 U	2,600 U
4,6-Dinitro-2-methylphenol	390,000	79,000	1,000 U	1,100 U	2,700 U	2,700 U	2,600 U	8,200 U	5,600 U	3,300 U	2,600 U
4-Bromophenyl phenyl ether			210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
4-Chloro-3-methylphenol	22,000,000	4,500,000	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
4-Chloroaniline			210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
4-Chlorophenyl phenyl ether			210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
4-Methylphenol	56,000,000 {J}	11,000,000 {J}	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
4-Nitroaniline			1,000 U	1,100 U	2,700 U	2,700 U	2,600 U	8,200 U	5,600 U	3,300 U	2,600 U
4-Nitrophenol			1,000 U	1,100 U	2,700 U	2,700 U	2,600 U	8,200 U	5,600 U	3,300 U	2,600 U
Acenaphthene	200,000,000	41,000,000	210 U	220 U	550 U	550 U	530 U	**450 J**	**350 J**	690 U	540 U
Acenaphthylene	8,000,000	1,600,000	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
Anthracene	1,000,000,000 {D}	230,000,000	210 U	220 U	550 U	550 U	530 U	**1,400 J**	**1,100 J**	690 U	**63 J**
Benzo(a)anthracene	100,000 {Q}	20,000 {Q}	**34 J**	220 U	550 U	550 U	530 U	**4,800**	**3,400**	690 U	**250 J**
Benzo(a)pyrene	10,000 {Q}	2,000 {Q}	**32 J**	220 U	550 U	550 U	530 U	**6,700**	**4,900**	690 U	**350 J**
Benzo(b)fluoranthene	100,000 {Q}	20,000 {Q}	**43 J**	220 U	550 U	550 U	530 U	**8,400**	**5,800**	690 U	**480 J**
Benzo(g,h,i)perylene	9,100,000	2,500,000	210 U	220 U	550 U	550 U	530 U	**3,800**	**2,700**	690 U	**240 J**
Benzo(k)fluoranthene	1,000,000 {Q}	200,000 {Q}	210 U	220 U	550 U	550 U	530 U	**2,900**	**2,500**	690 U	**150 J**
bis(2-Chloroethoxy)methane			210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
bis(2-Chloroethyl)ether	89,000 {I}	13,000 {I}	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	2,800,000	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U

See generic notes pages.

TABLE 4-56

TCL SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-48 (0 - 1.3') 6/15/95 FS	SD-48 (1.3 - 2.6') 6/15/95 FS	SD-59 (0 - 0.5') 8/10/00 FS	SD-60 (0 - 0.5') 8/10/00 FS	SD-61 (0 - 0.5') 8/10/00 FS	SD-62 (0 - 0.5') 8/10/00 FS	SD-62 (0 - 0.5') 8/10/00 DUP	SD-64 (0 - 0.5') 8/10/00 FS	SD-65 (0 - 0.5') 8/10/00 FS
Carbazole	3,700,000	530,000	210 U	220 U	550 U	550 U	530 U	**730 J**	**530 J**	690 U	540 U
Chrysene	10,000,000 {Q}	2,000,000 {Q}	**46 J**	220 U	550 U	550 U	530 U	**5,500**	**4,000**	690 U	**300 J**
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	**3,200**	**3,500**	550 U	**790**	530 U	1,700 U	1,200 U	690 U	540 U
Di-n-octyl phthalate	28,000,000	6,900,000	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
Dibenz(a,h)anthracene	10,000 {Q}	2,000 {Q}	210 U	220 U	550 U	550 U	530 U	**990 J**	**710 J**	690 U	540 U
Dibenzofuran	ID	ID	210 U	220 U	550 U	550 U	530 U	**330 J**	**260 J**	690 U	540 U
Diethyl phthalate	740,000 {C}	740,000 {C}	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	850 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
Fluoranthene	180,000,000	46,000,000	**86 J**	220 U	550 U	550 U	530 U	**9,200**	**6,900**	690 U	**510 J**
Fluorene	130,000,000	27,000,000	210 U	220 U	550 U	550 U	530 U	**350 J**	**240 J**	690 U	540 U
Hexachlorobenzene	51,000	8,900	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
Hexachlorobutadiene	350,000 {C}	100,000	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
Hexachlorocyclopentadiene	720,000 {C}	720,000 {C}	210 U	220 U	2,700 U	2,700 U	2,600 U	8,200 U	5,600 U	3,300 U	2,600 U
Hexachloroethane	1,100,000	230,000	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	20,000 {Q}	210 U	220 U	550 U	550 U	530 U	**3,900**	**2,700**	690 U	**230 J**
Isophorone	2,400,000 {C}	2,400,000 {C}	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
N-Nitroso-di-n-propylamine	8,300	1,200	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
N-Nitrosodiphenylamine	12,000,000	1,700,000	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
Naphthalene	80,000,000	16,000,000	210 U	220 U	550 U	**230 J**	530 U	**370 J**	**310 J**	690 U	540 U
Nitrobenzene	490,000 {C,I}	100,000 {I}	210 U	220 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
Pentachlorophenol	390,000	90,000	1,000 U	1,100 U	550 U	550 U	530 U	1,700 U	1,200 U	690 U	540 U
Phenanthrene	8,000,000	1,600,000	**81 J**	220 U	550 U	**180 J**	530 U	**5,600**	**4,400**	690 U	**250 J**
Phenol	12,000,000 {C,AD}	12,000,000 {C,AD}	210 U	220 U	550 U	**220 J**	530 U	1,700 U	1,200 U	690 U	540 U
Pyrene	110,000,000	29,000,000	**55 J**	220 U	550 U	550 U	530 U	**7,800**	**5,800**	690 U	**420 J**

See generic notes pages.

TABLE 4-57

APPENDIX IX SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-17 (0 - 0.5') 6/20/95 FS	SD-17 (0 - 0.5') 6/20/95 DUP	SD-17 (0.95 - 1.45') 6/20/95 FS	SD-17 (1.9 - 2.4') 6/20/95 FS
1,2,4,5-Tetrachlorobenzene	380,000,000 {D}	77,000,000	650 U	530 U	720 U	1,300 U
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	990,000 {AD}	650 U	530 U	720 U	1,300 U
1,2-Dichlorobenzene	210,000 {C}	210,000 {C}	16 U	10 U	8.7 U	7.8 UJ
1,3,5-Trinitrobenzene			R	R	R	R
1,3-Dichlorobenzene	170,000 {C}	170,000 {C}	16 U	10 U	8.7 U	7.8 UJ
1,3-Dinitrobenzene			650 U	530 U	720 U	1,300 U
1,4-Dichlorobenzene	2,900,000	400,000	16 U	10 U	8.7 U	7.8 UJ
1,4-Naphthoquinone			13,000 U	11,000 U	14,000 U	26,000 U
1-Naphthylamine			650 U	530 U	720 U	1,300 U
2,2'-oxybis(dichloropropane)			650 U	530 U	720 U	1,300 U
2,3,4,6-Tetrachlorophenol			3,100 U	2,600 U	3,500 U	6,200 U
2,4,5-Trichlorophenol	110,000,000	23,000,000	650 U	530 U	720 U	1,300 U
2,4,6-Trichlorophenol	5,000,000	710,000	650 U	530 U	720 U	1,300 U
2,4-Dichlorophenol	1,800,000 {C,AD}	660,000 {AD}	650 U	530 U	720 U	1,300 U
2,4-Dimethylphenol	56,000,000	11,000,000	**900**	**620**	**340 J**	**460 J**
2,4-Dinitrophenol			3,100 U	2,600 U	3,500 UJ	6,200 U
2,4-Dinitrotoluene	340,000	48,000	650 U	530 U	720 U	1,300 U
2,6-Dichlorophenol			650 U	530 U	720 U	1,300 U
2,6-Dinitrotoluene			650 U	530 U	720 U	1,300 U
2-Acetylaminofluorene			1,300 U	1,100 U	1,400 U	2,600 U
2-Chloronaphthalene	280,000,000	56,000,000	650 U	530 U	720 U	1,300 U
2-Chlorophenol	6,900,000	1,400,000	650 U	530 U	720 U	1,300 U
2-Methylnaphthalene	40,000,000	8,100,000	**6,600**	**4,700**	**2,300**	**2,500**
2-Methylphenol		11,000,000 {J}	**560 J**	**400**	**160 J**	**270 J**
2-Methylphenol	56,000,000 {J}		**560 J**	**400**	**160 J**	**270 J**
2-Naphthylamine			650 U	530 U	720 U	1,300 U
2-Nitroaniline			3,100 U	2,600 U	3,500 U	6,200 U
2-Nitrophenol	3,100,000	630,000	650 U	530 U	720 U	1,300 U
2-Picoline			1,300 U	1,100 U	1,400 U	2,600 U
3,3'-Dichlorobenzidine	47,000	6,600	1,300 U	1,100 U	1,400 U	2,600 U
3,3'-Dimethylbenzidine			3,100 U	2,600 U	3,500 U	6,200 U
3-Methylcholanthrene			6,500 U	5,300 U	7,200 U	13,000 U
3-Methylphenol		11,000,000 {J}	**550**	**370**	**170 J**	**300 J**
3-Methylphenol	56,000,000 {J}		**550**	**370**	**170 J**	**300 J**
3-Nitroaniline			3,100 U	2,600 U	3,500 U	6,200 U
4,6-Dinitro-2-methylphenol	390,000	79,000	3,100 U	2,600 U	3,500 U	6,200 U
4-Aminobiphenyl			3,100 U	2,600 U	3,500 U	6,200 U
4-Bromophenyl phenyl ether			650 U	530 U	720 U	1,300 U
4-Chloro-3-methylphenol	22,000,000	4,500,000	650 U	530 U	720 U	1,300 U
4-Chloroaniline			650 U	530 U	720 U	1,300 U
4-Chlorophenyl phenyl ether			650 U	530 U	720 U	1,300 U
4-Methylphenol	56,000,000 {J}	11,000,000 {J}	**550**	**370**	**170 J**	**300 J**
4-Nitroaniline			3,100 UJ	2,600 U	3,500 U	6,200 UJ
4-Nitrophenol			3,100 U	2,600 U	3,500 U	6,200 U
4-Nitroquinoline1-oxide			R	5,300 U	7,200 UJ	R
5-Nitro-o-toluidine			650 U	530 U	720 U	1,300 U
7,12-Dimethylbenz(a)anthracene			6,500 U	5,300 U	7,200 U	13,000 U
Acenaphthene	200,000,000	41,000,000	**400 J**	**250 J**	**150 J**	**220 J**
Acenaphthylene	8,000,000	1,600,000	650 U	530 U	720 U	1,300 U
Acetophenone	1,100,000 {C}	1,100,000 {C}	**330 J**	530 U	720 U	1,300 U
alpha,alpha-Dimethyl phenethylamine			6,300 UJ	5,200 UJ	7,000 UJ	12,000 UJ
Aniline	2,300,000	330,000	650 U	530 U	720 U	1,300 U
Anthracene	1,000,000,000 {D}	230,000,000	**620 J**	**450 J**	**250 J**	**220 J**
Benzo(a)anthracene	100,000 {Q}	20,000 {Q}	**330 J**	**260 J**	**180 J**	**170 J**
Benzo(a)pyrene	10,000 {Q}	2,000 {Q}	**180 J**	**120 J**	**100 J**	1,300 U
Benzo(b)fluoranthene	100,000 {Q}	20,000 {Q}	**350 J**	**250 J**	**160 J**	1,300 U
Benzo(g,h,i)perylene	9,100,000	2,500,000	**140 J**	**93 J**	720 U	1,300 U
Benzo(k)fluoranthene	1,000,000 {Q}	200,000 {Q}	650 U	530 U	720 U	1,300 U

See generic notes pages.

TABLE 4-57

APPENDIX IX SVOC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-17 (0 - 0.5') 6/20/95 FS	SD-17 (0 - 0.5') 6/20/95 DUP	SD-17 (0.95 - 1.45') 6/20/95 FS	SD-17 (1.9 - 2.4') 6/20/95 FS
Benzyl alcohol	5,800,000 {C}	5,800,000 {C}	650 U	530 U	720 U	1,300 U
bis(2-Chloroethoxy)methane			650 U	530 U	720 U	1,300 U
bis(2-Chloroethyl)ether	89,000 {I}	13,000 {I}	650 U	530 U	720 U	1,300 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	2,800,000	**120 J**	530 U	720 U	1,300 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	650 U	530 U	720 U	**340 J**
Chrysene	10,000,000 {Q}	2,000,000 {Q}	**550 J**	**400**	**260 J**	**260 J**
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	**460 J**	**6,600**	720 U	**3,900**
Di-n-octyl phthalate	28,000,000	6,900,000	650 U	530 U	720 U	1,300 U
Diallate			650 U	530 U	720 U	1,300 U
Dibenz(a,h)anthracene	10,000 {Q}	2,000 {Q}	650 U	530 U	720 U	1,300 U
Dibenzofuran	ID	ID	**1,600**	**1,100**	**540 J**	**410 J**
Diethyl phthalate	740,000 {C}	740,000 {C}	650 U	530 U	720 U	1,300 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	650 U	530 U	720 U	1,300 U
Diphenylamine			650 U	530 U	720 U	1,300 U
Ethyl methacrylate			16 U	10 U	8.7 U	7.8 UJ
Ethyl methanesulfonate			650 U	530 U	720 U	1,300 U
Fluoranthene	180,000,000	46,000,000	**1,100**	**800**	**400 J**	**420 J**
Fluorene	130,000,000	27,000,000	**1,300**	**930**	**530 J**	**500 J**
Hexachlorobenzene	51,000	8,900	650 U	530 U	720 U	1,300 U
Hexachlorobutadiene	350,000 {C}	100,000	650 U	530 U	720 U	1,300 U
Hexachlorocyclopentadiene	720,000 {C}	720,000 {C}	650 U	530 U	720 U	1,300 U
Hexachloroethane	1,100,000	230,000	650 U	530 U	720 U	1,300 U
Hexachloropropene			6,500 U	5,300 U	7,200 U	13,000 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	20,000 {Q}	650 U	530 U	720 U	1,300 U
Isophorone	2,400,000 {C}	2,400,000 {C}	**620 J**	**490**	**770**	1,300 U
Isosafrole, Total			650 U	530 U	720 U	1,300 U
Methapyrilene			6,500 U	5,300 U	7,200 U	13,000 U
Methyl methanesulfonate			650 U	530 U	720 U	1,300 U
N-Nitroso-di-n-propylamine	8,300	1,200	650 U	530 U	720 U	1,300 U
N-Nitrosodi-n-butylamine			650 U	530 U	720 U	1,300 U
N-Nitrosodiethylamine			650 U	530 U	720 U	1,300 U
N-Nitrosodimethylamine			650 U	530 U	720 U	1,300 U
N-Nitrosodiphenylamine	12,000,000	1,700,000	650 U	530 U	720 U	1,300 U
N-Nitrosomethylethylamine			650 U	530 U	720 U	1,300 U
N-Nitrosomorpholine			650 U	530 U	720 U	1,300 U
N-Nitrosopiperidine			650 U	530 U	720 U	1,300 U
N-Nitrosopyrrolidine			650 U	530 U	720 U	1,300 U
Naphthalene	80,000,000	16,000,000	**5,900**	**4,400**	**2,000**	**2,100**
Nitrobenzene	490,000 {C,I}	100,000 {I}	650 U	530 U	720 U	1,300 U
o-Toluidine			650 U	530 U	720 U	1,300 U
p-Chlorobenzilate			650 U	530 U	720 U	1,300 U
p-Dimethylaminoazobenzene			1,300 U	1,100 U	1,400 U	2,600 U
p-Phenylene diamine			3,100 UJ	2,600 U	3,500 U	6,200 UJ
Pentachlorobenzene	190,000 {C}	190,000 {C}	650 U	530 U	720 U	1,300 U
Pentachloroethane			3,100 U	2,600 U	3,500 U	6,200 U
Pentachloronitrobenzene	8,400,000	1,700,000	3,100 U	2,600 U	3,500 U	6,200 U
Pentachlorophenol	390,000	90,000	3,100 U	2,600 U	3,500 UJ	6,200 U
Phenacetin			3,100 U	2,600 U	3,500 U	6,200 U
Phenanthrene	8,000,000	1,600,000	**4,400**	**3,200**	**1,700**	**1,600**
Phenol	12,000,000 {C,AD}	12,000,000 {C,AD}	**440 J**	**290**	**98 J**	1,300 U
Pronamide			1,300 U	1,100 U	1,400 U	2,600 U
Pyrene	110,000,000	29,000,000	**560 J**	**390**	**250 J**	**250 J**
Safrole, Total			650 U	530 U	720 U	1,300 U
Tetraethyl Dithiopyrophosphate			3,100 U	2,600 U	3,500 U	6,200 U

See generic notes pages.

TABLE 4-58

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-1 (0 - 1.5') 6/15/95 FS	SD-1 (1.5 - 3') 6/15/95 FS	SD-1 (3 - 4.5') 6/15/95 FS	SD-2 (0 - 1.7') 6/15/95 FS	SD-2 (1.7 - 3.4') 6/15/95 FS	SD-2 (3.4 - 5') 6/15/95 FS	SD-3 (0 - 1.3') 6/15/95 FS	SD-3 (0 - 1.3') 6/15/95 DUP	SD-3 (1.3 - 2.6') 6/15/95 FS	SD-3 (2.6 - 3.9') 6/15/95 FS	SD-4 (0 - 1.5') 6/19/95 FS	SD-4 (1.5 - 3') 6/19/95 FS
Aroclor-1016	20,000 {J,T}	4,000 {J,T}	270 U	250 U	470 U	270 U	320 U	210 U	360 U	350 U	240 U	200 U	220 U	230 U
Aroclor-1221	20,000 {J,T}	4,000 {J,T}	270 U	250 U	470 U	270 U	320 U	210 U	360 U	350 U	240 U	200 U	220 U	230 U
Aroclor-1232	20,000 {J,T}	4,000 {J,T}	270 U	250 U	470 U	270 U	320 U	210 U	360 U	350 U	240 U	200 U	220 U	230 U
Aroclor-1242	20,000 {J,T}	4,000 {J,T}	**240 J**	**360**	470 U	270 U	**160 J**	210 U	360 U	350 U	240 U	200 U	220 U	230 U
Aroclor-1248	20,000 {J,T}	4,000 {J,T}	270 U	250 U	470 U	270 U	320 U	210 U	360 U	350 U	240 U	200 U	220 U	230 U
Aroclor-1254	20,000 {J,T}	4,000 {J,T}	**320**	**420**	470 U	**200 J**	320 U	210 U	**360 J**	350 U	**99 J**	200 U	220 U	230 U
Aroclor-1260	20,000 {J,T}	4,000 {J,T}	270 U	250 U	470 U	270 U	**350**	210 U	**470**	**380**	240 U	**140 J**	**99 J**	230 U
Total Aroclors	20,000 {J,T}	4,000 {J,T}	**560**	**780**	ND	**200**	**510**	ND	**830**	**380**	**99**	**140**	**99**	ND

See generic notes pages.

TABLE 4-58

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-5 (0 - 1.8') 6/21/95 FS	SD-5 (1.8 - 3.6') 6/21/95 FS	SD-5 (3.6 - 5.4') 6/21/95 FS	SD-6 (0 - 1.6') 6/21/95 FS	SD-6 (1.6 - 3.2') 6/21/95 FS	SD-6 (3.2 - 4.8') 6/21/95 FS	SD-7 (0 - 1.3') 6/21/95 FS	SD-7 (1.3 - 2.6') 6/21/95 FS	SD-7 (2.6 - 3.9') 6/21/95 FS	SD-8 (0 - 1.5') 6/21/95 FS	SD-8 (1.5 - 3') 6/21/95 FS	SD-8 (3 - 4.5') 6/21/95 FS
Aroclor-1016	20,000 {J,T}	4,000 {J,T}	220 U	260 U	230 U	260 U	270 U	220 U	200 U	250 U	250 U	280 U	280 U	220 U
Aroclor-1221	20,000 {J,T}	4,000 {J,T}	220 U	260 U	230 U	260 U	270 U	220 U	200 U	250 U	250 U	280 U	280 U	220 U
Aroclor-1232	20,000 {J,T}	4,000 {J,T}	220 U	260 U	230 U	260 U	270 U	220 U	200 U	250 U	250 U	280 U	280 U	220 U
Aroclor-1242	20,000 {J,T}	4,000 {J,T}	220 U	260 U	230 U	260 U	270 U	220 U	200 U	**980**	250 U	280 U	280 U	220 U
Aroclor-1248	20,000 {J,T}	4,000 {J,T}	220 U	260 U	230 U	260 U	270 U	220 U	200 U	250 U	250 U	280 U	280 U	220 U
Aroclor-1254	20,000 {J,T}	4,000 {J,T}	220 U	260 U	230 U	260 U	270 U	220 U	**630**	**1,300**	**300**	280 U	280 U	220 U
Aroclor-1260	20,000 {J,T}	4,000 {J,T}	220 U	260 U	230 U	260 U	270 U	220 U	200 U	500 U	250 U	280 U	280 U	220 U
Total Aroclors	20,000 {J,T}	4,000 {J,T}	ND	ND	ND	ND	ND	ND	**630**	**2,280**	**300**	ND	ND	ND

See generic notes pages.

TABLE 4-58

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic IDC	MDEQ Generic RDC	SD-9			SD-10			SD-11			SD-12			
			(0 - 1.5') 6/21/95		(1.5 - 3') 6/21/95	(0 - 0.5') 6/20/95	(0.75 - 1.25') 6/20/95	(1.5 - 2') 6/20/95	(0 - 0.5') 6/20/95	(0.9 - 1.4') 6/20/95	(1.8 - 2.3') 6/20/95	(0 - 0.5') 6/20/95	(1.05 - 1.55') 6/20/95		(2.1 - 2.6') 6/20/95
Constituents (ug/kg)	Value	Value	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS
Aroclor-1016	20,000 {J,T}	4,000 {J,T}	200 U	210 U	230 U	320 UJ	340 U	230 U	290 U	330 U	350 U	430 U	580 UJ	530 UJ	330 U
Aroclor-1221	20,000 {J,T}	4,000 {J,T}	200 U	210 U	230 U	320 UJ	340 U	230 U	290 U	330 U	350 U	430 U	580 U	530 UJ	330 U
Aroclor-1232	20,000 {J,T}	4,000 {J,T}	200 U	210 U	230 U	320 UJ	340 U	230 U	290 U	330 U	350 U	430 U	580 UJ	530 UJ	330 U
Aroclor-1242	20,000 {J,T}	4,000 {J,T}	200 U	210 U	230 U	320 UJ	340 U	230 U	290 U	330 U	350 U	430 U	580 UJ	530 UJ	330 U
Aroclor-1248	20,000 {J,T}	4,000 {J,T}	**290**	**330**	230 U	320 UJ	**150 J**	230 U	290 U	330 U	**230 J**	430 U	580 UJ	530 UJ	**460**
Aroclor-1254	20,000 {J,T}	4,000 {J,T}	200 U	210 U	230 U	320 UJ	340 U	230 U	290 U	330 U	350 U	430 U	**920 J**	530 UJ	**370**
Aroclor-1260	20,000 {J,T}	4,000 {J,T}	**120 J**	**120 J**	230 U	**320 J**	**650**	230 U	290 U	330 U	350 U	430 U	580 UJ	530 UJ	330 U
Total Aroclors	20,000 {J,T}	4,000 {J,T}	**410**	**450**	ND	**320**	**800**	ND	ND	ND	**230**	ND	**920**	ND	**830**

See generic notes pages.

TABLE 4-58

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-13 (0 - 0.5') 6/20/95 FS	SD-13 (1.45 - 1.95') 6/20/95 FS	SD-13 (2.9 - 3.4') 6/20/95 FS	SD-14 (0 - 0.5') 6/20/95 FS	SD-14 (0.9 - 1.4') 6/20/95 FS	SD-14 (1.8 - 2.3') 6/20/95 FS	SD-15 (0 - 0.5') 6/20/95 FS	SD-15 (0.9 - 1.4') 6/20/95 FS	SD-15 (1.8 - 2.3') 6/20/95 FS	SD-16 (0 - 0.5') 6/20/95 FS	SD-16 (1.1 - 1.6') 6/20/95 FS	SD-16 (2.2 - 2.7') 6/20/95 FS
Aroclor-1016	20,000 {J,T}	4,000 {J,T}	510 U	600 U	300 U	430 U	590 U	340 U	470 U	470 U	300 U	330 UJ	260 UJ	270 U
Aroclor-1221	20,000 {J,T}	4,000 {J,T}	510 U	600 U	300 U	430 U	590 U	340 U	470 U	470 U	300 U	330 UJ	260 UJ	270 U
Aroclor-1232	20,000 {J,T}	4,000 {J,T}	510 U	600 U	300 U	430 U	590 U	340 U	470 U	470 U	300 U	330 UJ	260 UJ	270 U
Aroclor-1242	20,000 {J,T}	4,000 {J,T}	510 U	600 U	300 U	430 U	590 U	340 U	470 U	470 U	300 U	330 UJ	260 UJ	270 U
Aroclor-1248	20,000 {J,T}	4,000 {J,T}	**330 J**	600 U	300 U	430 U	590 U	340 U	470 U	470 U	300 U	330 UJ	260 U	270 U
Aroclor-1254	20,000 {J,T}	4,000 {J,T}	510 U	**490 J**	300 U	430 U	590 U	340 U	470 U	470 U	300 U	**490**	**1,100 J**	**290**
Aroclor-1260	20,000 {J,T}	4,000 {J,T}	510 U	600 U	300 U	430 U	590 U	340 U	470 U	470 U	300 U	330 UJ	260 UJ	270 U
Total Aroclors	20,000 {J,T}	4,000 {J,T}	**330**	**490**	ND	ND	ND	ND	ND	ND	ND	**490**	**1,100**	**290**

See generic notes pages.

TABLE 4-58

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-18 (0 - 0.5') 6/20/95 FS	SD-18 (2.25 - 2.75') 6/20/95 FS	SD-18 (4.5 - 5') 6/20/95 FS	SD-19 (0 - 0.5') 6/20/95 FS	SD-19 (1.75 - 2.25') 6/20/95 FS	SD-19 (3.5 - 4') 6/20/95 FS	SD-20 (0 - 0.5') 6/20/95 FS	SD-20 (0.7 - 1.2') 6/20/95 FS	SD-20 (1.4 - 1.9') 6/20/95 FS	SD-21 (0 - 0.5') 6/20/95 FS	SD-21 (0.65 - 1.15') 6/20/95 FS	SD-21 (1.3 - 1.8') 6/20/95 FS
Aroclor-1016	20,000 {J,T}	4,000 {J,T}	350 U	360 U	250 U	510 U	350 U	240 U	450 U	500 U	310 U	490 U	530 U	290 U
Aroclor-1221	20,000 {J,T}	4,000 {J,T}	350 U	360 U	250 U	510 U	350 U	240 U	450 U	500 U	310 U	490 U	530 U	290 U
Aroclor-1232	20,000 {J,T}	4,000 {J,T}	350 U	360 U	250 U	510 U	350 U	240 U	450 U	500 U	310 U	490 U	530 U	290 U
Aroclor-1242	20,000 {J,T}	4,000 {J,T}	350 U	360 U	250 U	510 U	350 U	240 U	450 U	500 U	310 U	490 U	530 U	290 U
Aroclor-1248	20,000 {J,T}	4,000 {J,T}	350 U	360 U	250 U	510 U	**380**	240 U	450 U	500 U	**450**	490 U	530 U	290 U
Aroclor-1254	20,000 {J,T}	4,000 {J,T}	350 U	360 U	250 U	510 U	**760**	**530**	450 U	500 U	**480**	490 U	530 U	290 U
Aroclor-1260	20,000 {J,T}	4,000 {J,T}	350 U	360 U	250 U	510 U	350 U	240 U	450 U	500 U	310 U	490 U	530 U	290 U
Total Aroclors	20,000 {J,T}	4,000 {J,T}	ND	ND	ND	ND	**1,140**	**530**	ND	ND	**930**	ND	ND	ND

See generic notes pages.

TABLE 4-58

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-22 (0 - 1.2') 6/19/95 FS	SD-22 (1.2 - 2.4') 6/19/95 FS	SD-22 (2.4 - 3.6') 6/19/95 FS	SD-23 (0 - 1.2') 6/19/95 FS	SD-23 (1.2 - 2.4') 6/19/95 FS	SD-23 (2.4 - 3.6') 6/19/95 FS	SD-24 (0 - 1.5') 6/19/95 FS	SD-24 (1.5 - 3') 6/19/95 FS	SD-25 (0 - 1.1') 6/19/95 FS	SD-25 (1.1 - 2.2') 6/19/95 FS	SD-25 (2.2 - 3.3') 6/19/95 FS	SD-26 (0 - 1.2') 6/19/95 FS	SD-26 (1.2 - 2.4') 6/19/95 FS	SD-26 (2.4 - 3.6') 6/19/95 FS
Aroclor-1016	20,000 {J,T}	4,000 {J,T}	200 U	220 U	220 U	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U
Aroclor-1221	20,000 {J,T}	4,000 {J,T}	200 U	220 U	220 U	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U
Aroclor-1232	20,000 {J,T}	4,000 {J,T}	200 U	220 U	220 U	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U
Aroclor-1242	20,000 {J,T}	4,000 {J,T}	200 U	220 U	220 U	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U
Aroclor-1248	20,000 {J,T}	4,000 {J,T}	200 U	220 U	220 U	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U
Aroclor-1254	20,000 {J,T}	4,000 {J,T}	200 U	220 U	220 U	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U
Aroclor-1260	20,000 {J,T}	4,000 {J,T}	200 U	220 U	220 U	200 U	240 U	230 U	260 U	260 U	230 U	220 U	230 U	260 U	240 U	220 U
Total Aroclors	20,000 {J,T}	4,000 {J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-58

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-27			SD-28			SD-29			SD-30		
			(0 - 1.3') 6/19/95 FS	(1.3 - 2.6') 6/19/95 FS	(2.6 - 3.9') 6/19/95 FS	(0 - 1.2') 6/19/95 FS	(1.2 - 2.4') 6/19/95 FS	(2.4 - 3.6') 6/19/95 FS	(0 - 1.2') 6/19/95 FS	(1.2 - 2.4') 6/19/95 FS	(2.4 - 3.6') 6/19/95 FS	(0 - 1.1') 6/19/95 FS	(1.1 - 2.2') 6/19/95 FS	(2.2 - 3.3') 6/19/95 FS
Aroclor-1016	20,000 {J,T}	4,000 {J,T}	260 U	230 U	220 U	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U
Aroclor-1221	20,000 {J,T}	4,000 {J,T}	260 U	230 U	220 U	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U
Aroclor-1232	20,000 {J,T}	4,000 {J,T}	260 U	230 U	220 U	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U
Aroclor-1242	20,000 {J,T}	4,000 {J,T}	260 U	230 U	220 U	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U
Aroclor-1248	20,000 {J,T}	4,000 {J,T}	260 U	230 U	220 U	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U
Aroclor-1254	20,000 {J,T}	4,000 {J,T}	260 U	230 U	220 U	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U
Aroclor-1260	20,000 {J,T}	4,000 {J,T}	260 U	230 U	220 U	300 U	240 U	220 U	270 U	240 U	240 U	280 U	210 U	220 U
Total Aroclors	20,000 {J,T}	4,000 {J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-58

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-31			SD-32				SD-33			SD-34		
			(0 - 1.1') 6/19/95	(1.1 - 2.2') 6/19/95	(2.2 - 3.3') 6/19/95	(0 - 1.4') 6/19/95		(1.4 - 2.8') 6/19/95	(2.8 - 4.2') 6/19/95	(0 - 1.3') 6/19/95	(1.3 - 2.6') 6/19/95	(2.6 - 3.9') 6/19/95	(0 - 1.3') 6/21/95	(1.3 - 2.6') 6/21/95	(2.6 - 3.9') 6/21/95
			FS	FS	FS	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS
Aroclor-1016	20,000 {J,T}	4,000 {J,T}	290 U	220 U	200 U	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U
Aroclor-1221	20,000 {J,T}	4,000 {J,T}	290 U	220 U	200 U	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U
Aroclor-1232	20,000 {J,T}	4,000 {J,T}	290 U	220 U	200 U	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U
Aroclor-1242	20,000 {J,T}	4,000 {J,T}	290 U	220 U	200 U	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U
Aroclor-1248	20,000 {J,T}	4,000 {J,T}	290 U	220 U	200 U	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U
Aroclor-1254	20,000 {J,T}	4,000 {J,T}	290 U	220 U	200 U	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U
Aroclor-1260	20,000 {J,T}	4,000 {J,T}	290 U	220 U	200 U	340 U	350 U	220 U	210 U	350 U	270 U	190 U	240 U	250 U	230 U
Total Aroclors	20,000 {J,T}	4,000 {J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-58

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-35 (0 - 1.5') 6/21/95 FS	SD-35 (1.5 - 3') 6/21/95 FS	SD-35 (3 - 4.5') 6/21/95 FS	SD-36 (0 - 1.2') 6/19/95 FS	SD-36 (1.2 - 2.4') 6/19/95 FS	SD-36 (2.4 - 3.6') 6/19/95 FS	SD-37 (0 - 1.3') 6/19/95 FS	SD-37 (1.3 - 2.6') 6/19/95 FS	SD-37 (1.3 - 2.6') 6/19/95 DUP	SD-37 (2.6 - 3.9') 6/19/95 FS	SD-38 (0 - 1.2') 6/19/95 FS	SD-38 (1.2 - 2.4') 6/19/95 FS
Aroclor-1016	20,000 {J,T}	4,000 {J,T}	330 U	230 U	240 U	240 UJ	230 UJ	250 U	230 UJ	240 UJ	250 U	220 UJ	330 UJ	220 UJ
Aroclor-1221	20,000 {J,T}	4,000 {J,T}	330 U	230 U	240 U	240 UJ	230 UJ	250 U	230 UJ	240 UJ	250 U	220 UJ	330 UJ	220 UJ
Aroclor-1232	20,000 {J,T}	4,000 {J,T}	330 U	230 U	240 U	240 UJ	230 UJ	250 U	230 UJ	240 UJ	250 U	220 UJ	330 UJ	220 UJ
Aroclor-1242	20,000 {J,T}	4,000 {J,T}	330 U	230 U	240 U	240 UJ	230 UJ	250 U	230 UJ	240 UJ	250 U	220 UJ	330 UJ	220 UJ
Aroclor-1248	20,000 {J,T}	4,000 {J,T}	330 U	230 U	240 U	240 UJ	230 UJ	250 U	230 UJ	240 UJ	250 U	220 UJ	330 UJ	220 UJ
Aroclor-1254	20,000 {J,T}	4,000 {J,T}	330 U	**290**	240 U	240 UJ	230 UJ	250 U	230 UJ	240 UJ	250 U	220 UJ	330 UJ	220 UJ
Aroclor-1260	20,000 {J,T}	4,000 {J,T}	330 U	230 U	240 U	240 UJ	230 UJ	250 U	230 UJ	240 UJ	250 U	220 UJ	330 UJ	220 UJ
Total Aroclors	20,000 {J,T}	4,000 {J,T}	ND	**290**	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-58

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-39			SD-40		SD-41		SD-42		SD-43		SD-44	
			(0 - 1') 6/22/95	(1 - 2') 6/22/95		(0 - 1.1') 6/22/95	(1.1 - 2.2') 6/22/95	(0 - 1') 6/22/95	(1 - 2') 6/22/95	(0 - 1') 6/22/95	(1 - 2') 6/22/95	(0 - 0.8') 6/15/95	(0.8 - 1.6') 6/15/95	(0 - 0.9') 6/15/95	(0.9 - 1.8') 6/15/95
			FS	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
Aroclor-1016	20,000 {J,T}	4,000 {J,T}	200 U	180 U	200 U	290 U	230 U	230 U	400 U	170 U	210 U	230 U	200 U	330 UJ	260 UJ
Aroclor-1221	20,000 {J,T}	4,000 {J,T}	200 U	180 U	200 U	290 U	230 U	230 U	400 U	170 U	210 U	230 U	200 U	330 UJ	260 UJ
Aroclor-1232	20,000 {J,T}	4,000 {J,T}	200 U	180 U	200 U	290 U	230 U	230 U	400 U	170 U	210 U	230 U	200 U	330 UJ	260 UJ
Aroclor-1242	20,000 {J,T}	4,000 {J,T}	200 U	180 U	200 U	290 U	230 U	230 U	400 U	170 U	210 U	230 U	200 U	330 UJ	260 UJ
Aroclor-1248	20,000 {J,T}	4,000 {J,T}	200 U	180 U	200 U	290 U	230 U	230 U	**860**	170 U	210 U	230 U	200 U	330 UJ	260 UJ
Aroclor-1254	20,000 {J,T}	4,000 {J,T}	200 U	180 U	200 U	290 U	230 U	230 U	**310 J**	170 U	210 U	**65 J**	200 U	**660 J**	**390 J**
Aroclor-1260	20,000 {J,T}	4,000 {J,T}	200 U	180 U	200 U	290 U	230 U	230 U	400 U	170 U	210 U	230 U	200 U	330 UJ	260 UJ
Total Aroclors	20,000 {J,T}	4,000 {J,T}	ND	ND	ND	ND	ND	ND	**1,170**	ND	ND	**65**	ND	**660**	**390**

See generic notes pages.

TABLE 4-58

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-45 (0 - 0.7') 6/15/95 FS	SD-45 (0.7 - 1.4') 6/15/95 FS	SD-46 (0 - 1.5') 6/15/95 FS	SD-46 (1.5 - 3') 6/15/95 FS	SD-46 (3 - 4.5') 6/15/95 FS	SD-47 (0 - 1.5') 6/15/95 FS	SD-47 (1.5 - 3') 6/15/95 FS	SD-48 (0 - 1.3') 6/15/95 FS	SD-48 (1.3 - 2.6') 6/15/95 FS	SD-59 (0 - 0.5') 8/10/00 FS	SD-60 (0 - 0.5') 8/10/00 FS	SD-61 (0 - 0.5') 8/10/00 FS
Aroclor-1016	20,000 {J,T}	4,000 {J,T}	230 U	220 U	320 U	250 U	220 U	210 U	220 U	210 U	220 U	55 U	55 U	53 U
Aroclor-1221	20,000 {J,T}	4,000 {J,T}	230 U	220 U	320 U	250 U	220 U	210 U	220 U	210 U	220 U	55 U	55 U	53 U
Aroclor-1232	20,000 {J,T}	4,000 {J,T}	230 U	220 U	320 U	250 U	220 U	210 U	220 U	210 U	220 U	55 U	55 U	53 U
Aroclor-1242	20,000 {J,T}	4,000 {J,T}	230 U	220 U	320 U	250 U	220 U	210 U	220 U	210 U	220 U	55 U	55 U	53 U
Aroclor-1248	20,000 {J,T}	4,000 {J,T}	230 U	220 U	320 U	250 U	220 U	210 U	220 U	210 U	220 U	55 U	55 U	53 U
Aroclor-1254	20,000 {J,T}	4,000 {J,T}	230 U	220 U	320 U	250 U	220 U	210 U	220 U	210 U	220 U	55 U	**36 J**	53 U
Aroclor-1260	20,000 {J,T}	4,000 {J,T}	230 U	220 U	320 U	250 U	220 U	210 U	220 U	210 U	220 U	55 U	55 U	**17 J**
Total Aroclors	20,000 {J,T}	4,000 {J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	**36**	**17**

See generic notes pages.

TABLE 4-58

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-62 (0 - 0.5') 8/10/00 FS	SD-62 (0 - 0.5') 8/10/00 DUP	SD-64 (0 - 0.5') 8/10/00 FS	SD-65 (0 - 0.5') 8/10/00 FS
Aroclor-1016	20,000 {J,T}	4,000 {J,T}	42 U	230 U	69 U	54 U
Aroclor-1221	20,000 {J,T}	4,000 {J,T}	42 U	230 U	69 U	54 U
Aroclor-1232	20,000 {J,T}	4,000 {J,T}	42 U	230 U	69 U	54 U
Aroclor-1242	20,000 {J,T}	4,000 {J,T}	42 U	230 U	69 U	54 U
Aroclor-1248	20,000 {J,T}	4,000 {J,T}	42 U	230 U	69 U	54 U
Aroclor-1254	20,000 {J,T}	4,000 {J,T}	**230**	**550**	69 U	54 U
Aroclor-1260	20,000 {J,T}	4,000 {J,T}	42 U	230 U	69 U	54 U
Total Aroclors	20,000 {J,T}	4,000 {J,T}	**230**	**550**	ND	ND

See generic notes pages.

TABLE 4-59

PESTICIDE/HERBICIDE ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-5 (0 - 1.8') 6/21/95 FS	SD-5 (1.8 - 3.6') 6/21/95 FS	SD-5 (3.6 - 5.4') 6/21/95 FS	SD-6 (0 - 1.6') 6/21/95 FS	SD-6 (1.6 - 3.2') 6/21/95 FS	SD-6 (3.2 - 4.8') 6/21/95 FS	SD-7 (0 - 1.3') 6/21/95 FS	SD-7 (1.3 - 2.6') 6/21/95 FS	SD-7 (2.6 - 3.9') 6/21/95 FS
2,4,5-T			34 U	39 U	34 U	39 U	40 U	34 U	30 U	38 U	38 U
2,4,5-TP(Silvex)	8,400,000	1,700,000	34 U	39 U	34 U	39 U	40 U	34 U	30 U	38 U	38 U
2,4-D	15,000,000	2,500,000	130 U	160 U	140 U	160 U	160 U	140 U	120 U	150 U	150 U
4,4'-DDD	540,000	95,000	4.5 U*	5.2 U	2.3 U	5.2 U*	5.4 U*	4.5 U*	16 U	50 U	20 U
4,4'-DDE	260,000	45,000	4.5 U*	5.2 U	2.3 U	5.2 U*	5.4 U*	4.5 U*	16 U	50 U	20 U
4,4'-DDT	460,000	57,000	4.5 U*	5.2 U	2.3 U	5.2 U*	5.4 U*	4.5 U*	16 U	50 U	20 U
Aldrin	5,900	1,000	2.2 U*	2.6 U	1.2 U	2.6 U*	2.7 U*	2.3 U*	8.1 U	25 U	10 U
alpha-BHC	19,000	2,600	2.2 U*	2.6 U	1.2 U	2.6 U*	2.7 U*	2.3 U*	8.1 U	25 U	10 U
alpha-Chlordane	240,000 {J}	31,000 {J}	2.2 U*	2.6 U	2.3 U	2.6 U*	2.7 U*	2.3 U*	8.1 U	25 U	10 U
beta-BHC	38,000	5,400	2.2 U*	2.6 U	1.2 U	2.6 U*	2.7 U*	2.3 U*	8.1 U	25 U	10 U
delta-BHC			2.2 U*	2.6 U	1.2 U	2.6 U*	2.7 U*	2.3 U*	8.1 U	25 U	10 U
Dieldrin	6,400	1,100	4.5 U*	5.2 U	2.3 U	5.2 U*	5.4 U*	4.5 U*	16 U	50 U	20 U
Dinoseb	140,000 {C,AD}	66,000 {AD}	13 UJ	16 UJ	14 UJ	16 UJ	16 UJ	14 UJ	12 UJ	15 UJ	15 UJ
Endosulfan I	6,700,000	1,400,000 {J}	2.2 U*	2.6 U	2.3 U	2.6 U*	2.7 U*	2.3 U*	8.1 U	25 U	10 U
Endosulfan II	6,700,000	1,400,000 {J}	4.5 U*	5.2 U	2.3 U	5.2 U*	5.4 U*	4.5 U*	16 U	50 U	20 U
Endosulfan sulfate			4.5 U*	**5.2** *	2.3 U	5.2 U*	5.4 U*	4.5 U*	16 U	50 U	20 U
Endrin aldehyde			4.5 U*	5.2 U	2.3 U	5.2 U*	5.4 U*	4.5 U*	16 U	50 U	20 U
Endrin	260,000	65,000	4.5 U*	5.2 U	2.3 U	5.2 U*	5.4 U*	4.5 U*	16 U	50 U	20 U
gamma-BHC (Lindane)	73,000	8,300	2.2 U*	2.6 U	1.2 U	2.6 U*	2.7 U*	2.3 U*	8.1 U	25 U	10 U
gamma-Chlordane	24,000,000 {J}	31,000 {J}	2.2 U*	2.6 U	2.3 U	2.6 U*	2.7 U*	2.3 U*	8.1 U	25 U	10 U
Heptachlor epoxide	13,000	3,100	2.2 U*	2.6 U	1.2 U	2.6 U*	2.7 U*	2.3 U*	8.1 U	25 U	10 U
Heptachlor	32,000	5,600	2.2 U*	2.6 U	1.2 U	2.6 U*	2.7 U*	2.3 U*	8.1 U	25 U	10 U
Isodrin			11 U	13 U	11 U	12 U	13 U	11 U	9.8 U	25 U	12 U
Kepone			110 U	130 U	110 U	120 U	130 U	110 U	**210** *	400 U	160 U
Methoxychlor	7,700,000	1,900,000	34 UJ	39 UJ	34 UJ	39 UJ	40 U	34 U	81 U	250 U	100 U
Toxaphene	120,000	20,000	110 U	130 U	120 U	130 U	140 U	120 U	410 U	1,300 U	500 U

See generic notes pages.

TABLE 4-59

PESTICIDE/HERBICIDE ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-8 (0 - 1.5') 6/21/95 FS	SD-8 (1.5 - 3') 6/21/95 FS	SD-8 (3 - 4.5') 6/21/95 FS	SD-26 (0 - 1.2') 6/19/95 FS	SD-26 (1.2 - 2.4') 6/19/95 FS	SD-26 (2.4 - 3.6') 6/19/95 FS	SD-27 (0 - 1.3') 6/19/95 FS	SD-27 (1.3 - 2.6') 6/19/95 FS	SD-27 (2.6 - 3.9') 6/19/95 FS
2,4,5-T			43 U	42 U	34 U	39 UJ	37 UJ	34 UJ	39 UJ	35 UJ	34 UJ
2,4,5-TP(Silvex)	8,400,000	1,700,000	43 U	42 U	34 U	39 UJ	37 UJ	34 UJ	39 UJ	35 UJ	34 UJ
2,4-D	15,000,000	2,500,000	170 U	170 U	130 U	160 U	150 U	130 U	160 U	140 U	140 U
4,4'-DDD	540,000	95,000	2.8 U	5.6 U*	8.9 U*	2.6 U	2.4 U	2.2 U	4.2 U*	2.3 U	2.2 U
4,4'-DDE	260,000	45,000	2.8 U	5.6 U*	8.9 U*	2.6 UJ	2.4 UJ	2.2 UJ	4.2 UJ*	2.3 UJ	2.2 UJ
4,4'-DDT	460,000	57,000	2.8 U	5.6 U*	8.9 U*	2.6 U	2.4 U	2.2 U	4.2 U*	2.3 U	2.2 U
Aldrin	5,900	1,000	1.5 U	2.8 U*	4.5 U*	1.3 UJ	1.2 UJ	1.1 UJ	2.1 UJ*	1.2 UJ	1.2 UJ
alpha-BHC	19,000	2,600	1.5 U	2.8 U*	4.5 U*	1.3 U	1.2 U	1.1 U	2.1 U*	1.2 U	1.2 U
alpha-Chlordane	240,000 {J}	31,000 {J}	2.8 U	2.8 U*	4.5 U*	2.6 UJ	2.4 UJ	2.2 UJ	2.1 UJ*	2.3 UJ	2.2 UJ
beta-BHC	38,000	5,400	1.5 U	2.8 U*	4.5 U*	1.3 UJ	1.2 UJ	1.1 UJ	2.1 UJ*	1.2 UJ	1.2 UJ
delta-BHC			1.5 U	2.8 U*	4.5 U*	1.3 UJ	1.2 UJ	1.1 UJ	2.1 UJ*	1.2 UJ	1.2 UJ
Dieldrin	6,400	1,100	2.8 U	5.6 U*	8.9 U*	2.6 U	2.4 U	2.2 U	4.2 U*	2.3 U	2.2 U
Dinoseb	140,000 {C,AD}	66,000 {AD}	17 UJ	17 UJ	13 UJ	16 UJ	15 UJ	13 UJ	16 UJ	14 UJ	14 UJ
Endosulfan I	6,700,000	1,400,000 {J}	2.8 U	2.8 U*	4.5 U*	2.6 U	2.4 U	2.2 U	2.6 U	2.3 U	2.2 U
Endosulfan II	6,700,000	1,400,000 {J}	2.8 U	5.6 U*	8.9 U*	2.6 UJ	2.4 UJ	2.2 UJ	4.2 UJ*	2.3 UJ	2.2 UJ
Endosulfan sulfate			2.8 U	5.6 U*	8.9 U*	2.6 UJ	2.4 UJ	2.2 UJ	4.2 UJ*	2.3 UJ	2.2 UJ
Endrin aldehyde			2.8 U	5.6 U*	8.9 U*	2.6 UJ	2.4 UJ	2.2 UJ	4.2 UJ*	2.3 UJ	2.2 UJ
Endrin	260,000	65,000	2.8 U	5.6 U*	8.9 U*	2.6 U	2.4 U	2.2 U	4.2 U*	2.3 U	2.2 U
gamma-BHC (Lindane)	73,000	8,300	1.5 U	2.8 U*	4.5 U*	1.3 U	1.2 U	1.1 U	2.1 U*	1.2 U	1.2 U
gamma-Chlordane	24,000,000 {J}	31,000 {J}	2.8 U	2.8 U*	4.5 U*	2.6 UJ	2.4 UJ	2.2 UJ	2.1 UJ*	2.3 UJ	2.2 UJ
Heptachlor epoxide	13,000	3,100	1.5 U	2.8 U*	4.5 U*	1.3 U	1.2 UJ	1.1 UJ	2.1 UJ*	1.2 UJ	1.2 UJ
Heptachlor	32,000	5,600	1.5 U	2.8 U*	4.5 U*	1.3 U	1.2 U	1.1 U	2.1 U*	1.2 U	1.2 U
Isodrin			14 U	13 U	11 U	12 U	12 U	11 U	13 U	11 U	11 U
Kepone			140 U	130 U	110 U	120 U	120 U	110 U	130 U	110 U	110 U
Methoxychlor	7,700,000	1,900,000	43 U	42 U	34 U	39 U	37 U	34 U	39 U	35 U	34 U
Toxaphene	120,000	20,000	150 U	140 U	110 U	130 U	120 U	110 U	130 U	120 U	120 U

See generic notes pages.

TABLE 4-60

APPENDIX IX PESTICIDE/HERBICIDE ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-17 (0 - 0.5') 6/20/95 FS	SD-17 (0 - 0.5') 6/20/95 DUP	SD-17 (0.95 - 1.45') 6/20/95 FS	SD-17 (1.9 - 2.4') 6/20/95 FS
2,4,5-T			39 U	40 U	44 UJ	39 U
2,4,5-TP(Silvex)	8,400,000	1,700,000	39 U	40 U	44 UJ	39 U
2,4-D	15,000,000	2,500,000	160 U	160 U	170 UJ	160 U
4,4'-DDD	540,000	95,000	4.2 U*	5.4 U*	12 U*	10 U
4,4'-DDE	260,000	45,000	4.2 UJ*	5.4 UJ*	12 UJ*	10 UJ
4,4'-DDT	460,000	57,000	4.2 U*	5.4 U*	12 U*	10 U
Aldrin	5,900	1,000	2.1 UJ*	2.7 UJ*	5.8 UJ*	5.1 UJ
alpha-BHC	19,000	2,600	2.1 U*	2.7 U*	5.8 U*	5.1 U
alpha-Chlordane	240,000 {J}	31,000 {J}	2.1 UJ*	2.7 UJ*	5.8 UJ*	5.1 UJ
beta-BHC	38,000	5,400	2.1 U*	2.7 UJ*	5.8 UJ*	5.1 UJ
delta-BHC			2.1 U*	2.7 UJ*	5.8 UJ*	5.1 UJ
Dieldrin	6,400	1,100	4.2 U*	5.4 U*	12 U*	10 U
Dinoseb	140,000 {C,AD}	66,000 {AD}	16 UJ	16 UJ	17 UJ	16 UJ
Endosulfan I	6,700,000	1,400,000 {J}	2.6 U	2.7 U*	5.8 U*	5.1 U
Endosulfan II	6,700,000	1,400,000 {J}	4.2 UJ*	5.4 UJ*	12 UJ*	10 UJ
Endosulfan sulfate			4.2 UJ*	5.4 UJ*	12 UJ*	10 UJ
Endrin aldehyde			4.2 UJ*	5.4 UJ*	12 UJ*	10 UJ
Endrin	260,000	65,000	4.2 U*	5.4 U*	12 U*	10 U
gamma-BHC (Lindane)	73,000	8,300	2.1 U*	2.7 U*	5.8 U*	5.1 U
gamma-Chlordane	24,000,000 {J}	31,000 {J}	2.1 UJ*	2.7 UJ*	5.8 UJ*	5.1 UJ
Heptachlor epoxide	13,000	3,100	2.1 UJ*	2.7 UJ*	5.8 UJ*	5.1 UJ
Heptachlor	32,000	5,600	2.1 U*	2.7 U*	5.8 U*	5.1 U
Isodrin			13 U	13 U	14 U	12 U
Kepone			130 U	130 U	140 U	120 U
Methoxychlor	7,700,000	1,900,000	39 U	40 U	58 U*	51 U
Toxaphene	120,000	20,000	130 U	140 U	290 U*	260 U

See generic notes pages.

TABLE 4-61

DIOXIN/FURAN ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-5 (0 - 1.8') 6/21/95 FS	SD-5 (1.8 - 3.6') 6/21/95 FS	SD-5 (3.6 - 5.4') 6/21/95 FS	SD-6 (0 - 1.6') 6/21/95 FS	SD-6 (1.6 - 3.2') 6/21/95 FS	SD-6 (3.2 - 4.8') 6/21/95 FS	SD-7 (0 - 1.3') 6/21/95 FS	SD-7 (1.3 - 2.6') 6/21/95 FS	SD-7 (2.6 - 3.9') 6/21/95 FS
2,3,7,8-TCDD	0.99 {O}	0.090 {O}	**0.0058 J**	**0.0087**	0.0013 U	**0.0040 J**	**0.008**	0.0014 U	**0.013**	**0.0064 J**	**0.011**
HxCDDs, Total	0.99 {O}	0.090 {O}	**0.14**	**0.24**	**0.013**	**0.052**	**0.14**	**0.016**	**0.079**	**0.095**	**0.2**
HxCDFs, Total	0.99 {O}	0.090 {O}	**0.13**	**0.13**	0.0030 U	**0.063**	**0.20 J**	**0.019**	**0.082**	**0.37**	**0.48**
PeCDDs, Total	0.99 {O}	0.090 {O}	**0.0099**	**0.032**	0.0024 U	0.0067 U	**0.020 J**	0.0028 U	0.0065 U	0.011 U	**0.05**
PeCDFs, Total	0.99 {O}	0.090 {O}	**0.094**	**0.21**	0.0066 U	**0.29**	**0.57**	**0.056**	**0.16**	**2.5**	**1.3**
TCDDs, Total	0.99 {O}	0.090 {O}	0.050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U	0.0050 U
TCDFs, Total	0.99 {O}	0.090 {O}	**0.26**	**0.47**	**0.04**	**0.62**	**1.2**	**0.2**	**0.39**	**6.6**	**2.4**
2,3,7,8-TCDD TEQ	0.99 {O}	0.090 {O}	**0.027**	**0.058**	**0.0014**	**0.052**	**0.12**	**0.016**	**0.047**	**0.65**	**0.29**

See generic notes pages.

TABLE 4-61

DIOXIN/FURAN ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-8 (0 - 1.5') 6/21/95 FS	SD-8 (1.5 - 3') 6/21/95 FS	SD-8 (3 - 4.5') 6/21/95 FS	SD-26 (0 - 1.2') 6/19/95 FS	SD-26 (1.2 - 2.4') 6/19/95 FS	SD-26 (2.4 - 3.6') 6/19/95 FS	SD-27 (0 - 1.3') 6/19/95 FS	SD-27 (1.3 - 2.6') 6/19/95 FS	SD-27 (2.6 - 3.9') 6/19/95 FS
2,3,7,8-TCDD	0.99 {O}	0.090 {O}	**0.0028 J**	**0.0026 J**	**0.0018 J**	0.0011 U	0.00032 U	0.00043 U	0.00094 U	0.00029 U	0.00029 U
HxCDDs, Total	0.99 {O}	0.090 {O}	**0.037**	**0.049**	**0.064**	**0.01**	0.0025 U	0.00055 U	**0.0098**	0.00076 U	0.00041 U
HxCDFs, Total	0.99 {O}	0.090 {O}	**0.075**	**0.057**	**0.044**	**0.14**	**0.024**	0.00020 U	**0.18**	0.0038 U	0.000095 U
PeCDDs, Total	0.99 {O}	0.090 {O}	0.0059 U	0.0054 U	0.0065 U	0.0036 U	0.0018 U	0.0017 U	0.0046 U	0.0018 U	0.0017 U
PeCDFs, Total	0.99 {O}	0.090 {O}	**0.35 J**	**0.33 J**	**0.12**	**0.45**	**0.089**	0.00048 U	**0.5**	0.0052 U	0.00025 U
TCDDs, Total	0.99 {O}	0.090 {O}	0.0050 U	0.0050 U	0.0050 U	**0.018**	**0.0037**	0.00074 U	**0.017**	0.00074 U	0.00052 U
TCDFs, Total	0.99 {O}	0.090 {O}	**0.73**	**0.72**	**0.28**	**0.71**	**0.16**	0.00047 U	**0.69**	**0.018**	0.00029 U
2,3,7,8-TCDD TEQ	0.99 {O}	0.090 {O}	**0.056**	**0.039**	**0.021**	**0.09**	**0.02**	-	**0.098**	**0.000032**	-

See generic notes pages.

TABLE 4-62

APPENDIX IX DIOXIN/FURAN ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-17 (0 - 0.5') 6/20/95 FS	SD-17 (0 - 0.5') 6/20/95 DUP	SD-17 (0.95 - 1.45') 6/20/95 FS	SD-17 (1.9 - 2.4') 6/20/95 FS
2,3,7,8-TCDD	0.99 {O}	0.090 {O}	0.0018 U	**0.0019 J**	**0.0065 J**	**0.014**
HxCDDs, Total	0.99 {O}	0.090 {O}	**0.045**	**0.036**	**0.23**	**0.53**
HxCDFs, Total	0.99 {O}	0.090 {O}	**0.038**	**0.02**	**0.069**	**0.43**
PeCDDs, Total	0.99 {O}	0.090 {O}	0.0052 U	0.0047 U	**0.011**	**0.095**
PeCDFs, Total	0.99 {O}	0.090 {O}	**0.14**	**0.068**	**0.22**	**0.47**
TCDDs, Total	0.99 {O}	0.090 {O}	**0.016**	**0.019**	**0.069**	**0.13**
TCDFs, Total	0.99 {O}	0.090 {O}	**0.57**	**0.44**	**0.68**	**1.0**
2,3,7,8-TCDD TEQ	0.99 {O}	0.090 {O}	**0.02**	**0.017**	**0.04**	**0.094**

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-1 (0 - 1.5') 6/15/95 FS	SD-1 (1.5 - 3') 6/15/95 FS	SD-1 (3 - 4.5') 6/15/95 FS	SD-2 (0 - 1.7') 6/15/95 FS	SD-2 (1.7 - 3.4') 6/15/95 FS	SD-2 (3.4 - 5') 6/15/95 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	**12,500,000**	**11,200,000**	**8,700,000**	**13,600,000**	**11,600,000**	**13,900,000**
Antimony	1,200,000	180,000	**1,630 J**	763 UJ	701 UJ	818 UJ	971 UJ	**1,330 J**
Arsenic	61,000 {B}	7,600 {B}	**9,030**	**17,700**	**10,200**	**7,690**	**11,100**	**8,430**
Barium	250,000,000	37,000,000	**92,300**	**94,600**	**81,000**	**100,000**	**88,600**	**103,000**
Beryllium	3,100,000	410,000	**989**	**763**	701 U	**1,060**	**1,170**	**881**
Cadmium	4,100,000 {B}	550,000 {B}	**1,100**	**1,080**	**335**	**936**	**407**	**109**
Calcium			**28,300,000**	**42,300,000**	**42,300,000**	**34,600,000**	**28,100,000**	**39,600,000**
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	**67,400**	**59,900**	**34,700**	**83,900**	**58,700**	**84,200**
Cobalt	18,000,000	2,600,000	8,240 U	7,630 U	7,010 U	8,180 U	9,710 U	6,290 U
Copper	140,000,000	20,000,000	**66,700 J**	**87,000 J**	**41,200 J**	**40,400 J**	60,800 UJ	**33,200 J**
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	410 UJ	380 UJ	350 UJ	410 UJ	490 UJ	310 UJ
Iron	1,000,000,000 {B,D}	160,000,000 {B}	**53,500,000**	**35,100,000**	**18,300,000**	**30,500,000**	**50,800,000**	**26,800,000**
Lead	900,000 (draft)	400,000	**101,000**	**113,000**	**21,300**	**53,000**	**43,000**	**11,200**
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	**7,020,000 J**	**13,100,000 J**	**14,200,000 J**	**5,850,000 J**	**9,220,000 J**	**6,040,000 J**
Manganese	170,000,000 {B}	25,000,000 {B}	**2,370,000**	**1,570,000**	**966,000**	**4,290,000**	**1,870,000**	**4,670,000**
Mercury	1,100,000	160,000	82 U	**150**	**86**	82 U	97 U	63 U
Nickel	270,000,000 {B}	40,000,000 {B}	**29,100**	**30,000**	**19,800**	**19,100**	**31,200**	**17,700**
Potassium			**1,350,000**	**1,580,000**	**1,150,000**	**1,380,000**	**1,210,000**	**1,750,000**
Selenium	18,000,000 {B}	2,600,000 {B}	**1,760 J**	**1,350 J**	701 UJ	**1,090 J**	**2,290 J**	**1,310 J**
Silver	17,000,000 {B}	2,500,000 {B}	824 UJ	763 UJ	701 UJ	818 UJ	971 UJ	1,260 UJ
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	824,000 U	763,000 U	701,000 U	**1,280,000**	**1,150,000**	**845,000**
Thallium	240,000 {B}	35,000 {B}	412 U	382 U	351 U	409 U	485 U	315 U
Vanadium	10,000,000	750,000	**12,400**	**17,600**	**19,600**	**18,300**	**12,600**	**26,400**
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	**207,000**	**185,000**	**67,300**	**1,060,000**	**125,000**	**36,000**

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-3 (0 - 1.3') 6/15/95 FS	SD-3 (0 - 1.3') 6/15/95 DUP	SD-3 (1.3 - 2.6') 6/15/95 FS	SD-3 (2.6 - 3.9') 6/15/95 FS	SD-4 (0 - 1.5') 6/19/95 FS	SD-4 (1.5 - 3') 6/19/95 FS	SD-5 (0 - 1.8') 6/21/95 FS	SD-5 (1.8 - 3.6') 6/21/95 FS	SD-5 (3.6 - 5.4') 6/21/95 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	10,200,000	11,600,000	8,130,000	6,570,000	95,600,000	3,290,000	19,200,000 J	10,400,000 J	6,770,000 J
Antimony	1,200,000	180,000	1,090 UJ	1,060 UJ	727 UJ	708 J	1,330 UJ	354 UJ	6,700 UJ	1,200 J	685 UJ
Arsenic	61,000 {B}	7,600 {B}	9,030	7,470	6,220	4,320	3,840	5,310	2,780 J	5,910 J	3,020 J
Barium	250,000,000	37,000,000	82,900	88,000	54,900	46,200	89,300	32,000	134,000	62,600	58,500
Beryllium	3,100,000	410,000	1,090	1,170	873	617 U	734	709 U	1,410	788	685 U
Cadmium	4,100,000 {B}	550,000 {B}	2,090	1,740	342	174	442	115	208	442	166
Calcium			14,200,000	14,800,000	15,900,000	18,400,000	41,800,000	36,700,000	73,100,000	24,300,000	40,800,000
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	34,300	36,500	37,900	34,600	68,400	7,650	195,000 J	44,400 J	44,000 J
Cobalt	18,000,000	2,600,000	10,900 U	10,600 U	7,270 U	6,170 U	6,670 U	7,090 U	6,700 U	7,880 U	6,850 U
Copper	140,000,000	20,000,000	59,700 J	63,700 J	26,800 J	14,700 J	22,600 J	4,520 J	19,000	43,300	11,700
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	540 UJ	850 J	360 UJ	310 UJ	330 UJ	510 J	340 U	390 U	720
Iron	1,000,000,000 {B,D}	160,000,000 {B}	36,300,000	37,400,000	34,100,000	17,000,000	22,300,000	7,460,000	30,700,000	42,200,000	14,400,000
Lead	900,000 (draft)	400,000	89,400	90,000	21,200	11,600	31,300	2,550	18,400	42,800	6,200
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	6,780,000 J	7,340,000 J	4,050,000 J	3,530,000 J	7,710,000 J	11,700,000 J	3,550,000	10,000,000	11,000,000
Manganese	170,000,000 {B}	25,000,000 {B}	826,000	876,000	1,440,000	1,800,000	4,280,000	279,000	16,700,000	1,440,000	2,970,000
Mercury	1,100,000	160,000	109 U	106 U	73 U	62 U	67 U	71 U	67 U	79 U	69 U
Nickel	270,000,000 {B}	40,000,000 {B}	23,400	23,900	19,700	9,630	13,900	6,730	22,800	22,600	10,800
Potassium			1,090,000 U	1,070,000	727,000 U	699,000	1,120,000	709,000 U	1,700,000	1,070,000	981,000
Selenium	18,000,000 {B}	2,600,000 {B}	3,210 J	2,750 J	2,460 J	723 J	1,330 UJ	354 UJ	6,700 UJ	788 UJ	685 UJ
Silver	17,000,000 {B}	2,500,000 {B}	1,090 UJ	1,060 UJ	727 UJ	617 UJ	1,330 UJ	354 U	6,700 U*	788 U*	685 U*
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	1,090,000 U	1,060,000 U	727,000 U	617,000 U	667,000 U	709,000 U	894,000	788,000 U	685,000 U
Thallium	240,000 {B}	35,000 {B}	544 U	530 U	364 U	309 U	334 U	354 U	335 U	394 U	343 U
Vanadium	10,000,000	750,000	10,100	11,100	7,560	10,400	18,600	11,500	23,700	8,830	14,500
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	2,560,000	2,660,000	176,000	49,100	881,000	21,000	213,000	91,700	27,100

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-6 (0 - 1.6') 6/21/95 FS	SD-6 (1.6 - 3.2') 6/21/95 FS	SD-6 (3.2 - 4.8') 6/21/95 FS	SD-7 (0 - 1.3') 6/21/95 FS	SD-7 (1.3 - 2.6') 6/21/95 FS	SD-7 (2.6 - 3.9') 6/21/95 FS	SD-8 (0 - 1.5') 6/21/95 FS	SD-8 (1.5 - 3') 6/21/95 FS	SD-8 (3 - 4.5') 6/21/95 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	**8,460,000 J**	**10,400,000 J**	**4,080,000 J**	**13,900,000 J**	**9,760,000 J**	**7,950,000 J**	**12,400,000 J**	**10,400,000 J**	**7,390,000**
Antimony	1,200,000	180,000	778 UJ	**1,390 J**	**465 J**	3,050 UJ	**1,200 J**	**1,080 J**	**1,130 J**	**1,090 J**	**828 J**
Arsenic	61,000 {B}	7,600 {B}	**7,850 J**	**5,790 J**	**3,660 J**	**4,020 J**	**4,410 J**	**5,350 J**	**11,800 J**	**6,080 J**	**4,330 J**
Barium	250,000,000	37,000,000	**56,700**	**62,800**	**38,700**	**126,000**	**54,400**	**57,700**	**84,500**	**59,200**	**70,900**
Beryllium	3,100,000	410,000	**1,010**	**972**	678 U	**1,040**	**1,060**	**829**	**1,200**	**1,090**	**671**
Cadmium	4,100,000 {B}	550,000 {B}	**427**	**503**	**147**	**339**	**409**	**424**	**651**	**950**	**287**
Calcium			**12,200,000**	**24,000,000**	**26,300,000**	**45,700,000**	**11,800,000**	**21,200,000**	**10,700,000**	**11,700,000**	**28,200,000**
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	**29,700 J**	**43,500 J**	**13,900 J**	**129,000 J**	**42,500 J**	**40,900 J**	**48,800 J**	**58,000 J**	**56,600 J**
Cobalt	18,000,000	2,600,000	7,780 U	8,100 U	6,780 U	6,090 U	7,540 U	7,540 U	8,540 U	8,390 U	6,710 U
Copper	140,000,000	20,000,000	**31,000**	**43,300**	**13,100**	**28,000**	**35,000**	**40,800**	**49,800**	**44,100**	**38,300**
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	390 U	400 U	340 U	300 U	380 U	380 U	430 U	420 U	340 U
Iron	1,000,000,000 {B,D}	160,000,000 {B}	**37,600,000**	**46,900,000**	**13,800,000**	**37,400,000**	**42,700,000**	**41,300,000**	**47,600,000**	**63,300,000**	**35,600,000**
Lead	900,000 (draft)	400,000	**33,300**	**57,800**	**11,100**	**27,600**	**38,100**	**50,900**	**38,100**	**34,500**	**30,800**
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	**4,390,000**	**9,820,000**	**8,500,000**	**3,260,000**	**3,760,000**	**6,870,000**	**5,870,000**	**5,270,000**	**8,130,000**
Manganese	170,000,000 {B}	25,000,000 {B}	**730,000**	**955,000**	**500,000**	**10,200,000**	**1,310,000**	**1,650,000**	**1,090,000**	**1,090,000**	**1,910,000**
Mercury	1,100,000	160,000	78 U	**94**	68 U	61 U	**82**	**83**	85 U	**91**	**79**
Nickel	270,000,000 {B}	40,000,000 {B}	**19,300**	**24,100**	**8,340**	**20,000**	**21,100**	**21,900**	**26,100**	**35,800**	**23,300**
Potassium			778,000 U	**944,000**	**684,000**	**1,210,000**	754,000 U	754,000 U	**942,000**	839,000 U	**789,000**
Selenium	18,000,000 {B}	2,600,000 {B}	778 UJ	810 UJ	339 UJ	3,050 UJ	**1,190 J**	754 UJ	854 UJ	839 UJ	671 UJ
Silver	17,000,000 {B}	2,500,000 {B}	778 U*	810 U*	339 U	3,050 U*	754 U*	754 U*	854 U*	839 U*	671 U*
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	778,000 U	810,000 U	678,000 U	**766,000**	754,000 U	754,000 U	854,000 U	839,000 U	671,000 U
Thallium	240,000 {B}	35,000 {B}	389 U	405 U	339 U	305 U	377 U	377 U	427 U	420 U	335 U
Vanadium	10,000,000	750,000	**1,790**	**5,510**	**9,020**	**17,400**	**3,020**	**6,180**	**4,870**	1,680 U	**8,790**
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	**280,000**	**126,000**	**32,800**	**415,000**	**105,000**	**114,000**	**731,000**	**541,000**	**100,000**

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-9 (0 - 1.5') 6/21/95 FS	SD-9 (0 - 1.5') 6/21/95 DUP	SD-9 (1.5 - 3') 6/21/95 FS	SD-10 (0 - 0.5') 6/20/95 FS	SD-10 (0.75 - 1.25') 6/20/95 FS	SD-10 (1.5 - 2') 6/20/95 FS	SD-11 (0 - 0.5') 6/20/95 FS	SD-11 (0.9 - 1.4') 6/20/95 FS	SD-11 (1.8 - 2.3') 6/20/95 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	**7,500,000**	**11,400,000**	**3,220,000**	**9,160,000**	**8,990,000**	**5,470,000**	**14,600,000**	**10,600,000**	**12,000,000**
Antimony	1,200,000	180,000	3,020 UJ*	3,150 UJ*	354 UJ	488 UJ	**903 J**	341 UJ	**913 J**	**1,510 J**	**1,420 J**
Arsenic	61,000 {B}	7,600 {B}	**1,960**	**4,720**	**9,630**	**4,830 J**	**7,490 J**	**4,480 J**	**5,680 J**	**5,620 J**	**5,940 J**
Barium	250,000,000	37,000,000	**77,500**	**114,000**	**35,400**	**86,600**	**73,400**	**44,600**	**117,000**	**67,700**	**93,100**
Beryllium	3,100,000	410,000	604 U	**756**	708 U	**975**	1,030 U	683 U	**1,250**	**997**	1,080 U
Cadmium	4,100,000 {B}	550,000 {B}	**171**	**180**	**166**	**1,890**	**968**	**127**	**1,140**	**485**	**660**
Calcium			**33,000,000 J**	**49,300,000 J**	**38,100,000 J**	**5,620,000**	**13,500,000**	**34,000,000**	**6,450,000**	**8,360,000**	**27,100,000**
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	**77,900**	**128,000**	**13,900**	**29,000**	**39,100**	**17,300**	**27,000**	**45,100**	**33,000**
Cobalt	18,000,000	2,600,000	6,040 U	6,300 U	7,080 U	9,750 U	10,300 U	6,830 U	8,930 U	9,970 U	10,800 U
Copper	140,000,000	20,000,000	**17,100**	**23,400**	**5,740**	**65,600**	**51,300**	**13,000**	**50,800**	**45,700**	**52,600**
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	300 U	310 U	350 U	490 UJ	**570 J**	340 UJ	450 UJ	**660 J**	540 UJ
Iron	1,000,000,000 {B,D}	160,000,000 {B}	**19,200,000**	**30,700,000**	**8,090,000**	**32,800,000**	**36,800,000**	**13,000,000**	**32,800,000**	**54,300,000**	**36,500,000**
Lead	900,000 (draft)	400,000	**15,600**	**15,000**	**2,980**	**101,000**	**63,600**	**19,100**	**61,000**	**32,000**	**163,000**
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	**3,000,000**	**3,290,000**	**11,400,000**	**3,640,000**	**3,520,000**	**12,200,000**	**5,520,000**	**3,720,000**	**10,600,000**
Manganese	170,000,000 {B}	25,000,000 {B}	**6,510,000**	**11,000,000**	**838,000**	**744,000**	**1,290,000**	**821,000**	**692,000**	**882,000**	**701,000**
Mercury	1,100,000	160,000	60 U	63 U	71 U	98 U	103 U	68 U	89 U	100 U	**129**
Nickel	270,000,000 {B}	40,000,000 {B}	**35,100**	**55,700**	**9,990**	**21,100**	**27,500**	**14,600**	**17,200**	**36,100**	**36,200**
Potassium			**697,000**	**1,090,000**	708,000 U	975,000 U	1,030,000 U	**761,000**	**1,260,000**	997,000 U	**1,120,000**
Selenium	18,000,000 {B}	2,600,000 {B}	3,020 U*	3,150 U*	354 UJ	**901 J**	**593 J**	341 UJ	893 U*	**1,980 J**	**1,600 J**
Silver	17,000,000 {B}	2,500,000 {B}	3,020 UJ*	3,150 UJ*	354 UJ	488 UJ	513 UJ	341 UJ	893 UJ*	997 UJ	1,080 UJ
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	**607,000**	**830,000**	708,000 U	975,000 U	1,030,000 U	683,000 U	893,000 U	997,000 U	1,080,000 U
Thallium	240,000 {B}	35,000 {B}	302 UJ	315 UJ	354 UJ	488 U	513 U	341 UJ	446 UJ	498 U	538 U
Vanadium	10,000,000	750,000	**16,400**	**25,400**	**9,850**	**11,300**	**15,400**	**14,300**	**7,850**	**13,500**	**23,100**
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	**164,000**	**142,000**	**20,800**	**3,570,000**	**1,370,000**	**92,300**	**2,510,000**	**675,000**	**233,000**

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-12 (0 - 0.5') 6/20/95 FS	SD-12 (1.05 - 1.55') 6/20/95 FS	SD-12 (1.05 - 1.55') 6/20/95 DUP	SD-12 (2.1 - 2.6') 6/20/95 FS	SD-13 (0 - 0.5') 6/20/95 FS	SD-13 (1.45 - 1.95') 6/20/95 FS	SD-13 (2.9 - 3.4') 6/20/95 FS	SD-14 (0 - 0.5') 6/20/95 FS	SD-14 (0.9 - 1.4') 6/20/95 FS	SD-14 (1.8 - 2.3') 6/20/95 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	**10,600,000**	**11,100,000**	**13,900,000**	**13,000,000**	**14,700,000**	**17,300,000**	**11,100,000**	**16,900,000**	**18,800,000**	**16,200,000**
Antimony	1,200,000	180,000	**968 J**	1,750 UJ*	1,620 UJ*	**979 J**	1,550 UJ	**1,190 J**	**612 J**	**1,590 J**	1,780 UJ*	**1,510 J**
Arsenic	61,000 {B}	7,600 {B}	**5,450**	**9,810**	**11,300**	**9,600**	**5,980 J**	**15,200 J**	**7,660 J**	**5,020**	**6,650**	**7,430**
Barium	250,000,000	37,000,000	**93,600**	**77,100**	**77,100**	**98,700**	**94,200**	**86,900**	**74,100**	**103,000**	**92,800**	**115,000**
Beryllium	3,100,000	410,000	1,300 U	1,750 U	1,620 U	1,000 U	1,550 U	1,800 U	899 U	**1,320**	1,780 U	**1,140**
Cadmium	4,100,000 {B}	550,000 {B}	**1,950**	**1,280**	**1,780 J**	**943 S**	**1,830**	**900**	**319**	**1,680 J**	**1,300 J**	**810 J**
Calcium			**7,130,000 J**	**10,900,000 J**	**10,400,000**	**27,600,000 J**	**7,560,000**	**11,800,000**	**27,900,000**	**8,180,000**	**11,100,000**	**28,600,000**
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	**35,300**	**34,500**	**41,100**	**29,300**	**42,300**	**48,300**	**23,400**	**39,800**	**44,300**	**41,300**
Cobalt	18,000,000	2,600,000	13,000 U	17,500 U	16,200 U	10,000 U	15,500 U	18,000 U	8,990 U	13,200 U	17,800 U	10,300 U
Copper	140,000,000	20,000,000	**79,500**	**52,600**	**54,700**	**40,700**	**72,200**	**60,600**	**42,900**	**73,100 J**	**46,600 J**	**52,300 J**
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	650 U	880 U	810 U	500 U	**820 J**	**920 J**	450 U	660 UJ	890 UJ	520 UJ
Iron	1,000,000,000 {B,D}	160,000,000 {B}	**41,900,000**	**40,900,000**	**48,700,000**	**26,200,000**	**44,800,000**	**51,300,000**	**28,400,000**	**45,300,000**	**51,400,000**	**43,700,000**
Lead	900,000 (draft)	400,000	**111,000**	**139,000**	**139,000**	**119,000**	**110,000**	**138,000**	**21,100**	**111,000**	**95,200**	**123,000**
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	**4,190,000**	**3,610,000**	**4,250,000**	**13,900,000**	**5,350,000**	**4,770,000**	**11,700,000**	**6,240,000 J**	**5,980,000 J**	**13,000,000 J**
Manganese	170,000,000 {B}	25,000,000 {B}	**998,000**	**724,000**	**787,000**	**645,000**	**921,000**	**806,000**	**495,000**	**983,000**	**718,000**	**821,000**
Mercury	1,100,000	160,000	130 U	175 U	162 U	100 U	155 U	180 U	**109**	132 UJ	178 UJ	**114 J**
Nickel	270,000,000 {B}	40,000,000 {B}	**25,900**	**31,700**	**34,800**	**30,000**	**28,700**	**35,400**	**26,000**	**24,400**	**34,500**	**36,700**
Potassium			1,300,000 U	1,750,000 U	1,620,000 U	**1,660,000**	1,550,000 U	1,800,000 U	**1,020,000**	1,320,000 U	1,780,000 U	**2,230,000**
Selenium	18,000,000 {B}	2,600,000 {B}	1,300 UJ*	1,750 U*	1,620 UJ*	1,000 U*	1,550 UJ	**1,660 J**	**1,230 J**	1,320 U*	1,780 U*	1,030 U*
Silver	17,000,000 {B}	2,500,000 {B}	648 UJ	1,750 UJ*	1,620 UJ*	500 UJ	1,550 UJ	902 UJ	449 UJ	1,320 UJ*	1,780 UJ*	1,030 UJ*
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	1,300,000 U	1,750,000 U	1,620,000 U	1,000,000 U	1,550,000 U	1,800,000 U	899,000 U	1,320,000 U	1,780,000 U	1,030,000 U
Thallium	240,000 {B}	35,000 {B}	648 U	876 U	810 U	500 U	774 U	902 U	449 U	659 U	889 U	517 U
Vanadium	10,000,000	750,000	**12,800**	**16,800**	**18,000**	**29,600**	**16,900**	**22,000**	**21,900**	**7,770**	**10,700**	**26,000**
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	**4,030,000**	**761,000**	**1,740,000**	**177,000**	**3,270,000**	**468,000**	**72,500**	**2,800,000 J**	**1,080,000 J**	**214,000 J**

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-15 (0 - 0.5') 6/20/95 FS	SD-15 (0.9 - 1.4') 6/20/95 FS	SD-15 (1.8 - 2.3') 6/20/95 FS	SD-16 (0 - 0.5') 6/20/95 FS	SD-16 (1.1 - 1.6') 6/20/95 FS	SD-16 (2.2 - 2.7') 6/20/95 FS	SD-18 (0 - 0.5') 6/20/95 FS	SD-18 (2.25 - 2.75') 6/20/95 FS	SD-18 (4.5 - 5') 6/20/95 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	**16,400,000**	**17,600,000**	**8,320,000**	**10,900,000**	**11,400,000**	**11,000,000**	**15,800,000 J**	**17,300,000**	**9,550,000**
Antimony	1,200,000	180,000	**1,570 J**	**1,670 J**	**969 J**	999 UJ	**1,380 J**	**769 J**	2,100 UJ	**1,340 J**	743 UJ*
Arsenic	61,000 {B}	7,600 {B}	**7,370 J**	**9,060 J**	**5,730 J**	**9,370 J**	**6,240 J**	**4,590 J**	**5,460 J**	**7,470**	**6,600**
Barium	250,000,000	37,000,000	**90,800**	**80,100**	**62,200**	**67,300**	**52,500**	**59,500**	**74,000**	**88,500**	**66,000**
Beryllium	3,100,000	410,000	1,430 U	1,440 U	924 U	**999**	**776**	813 U	**1,570**	**1,530**	**743**
Cadmium	4,100,000 {B}	550,000 {B}	**1,440**	**1,880**	**677**	**774**	**436**	**102**	**1,200**	**669 J**	**340 J**
Calcium			**7,100,000 J**	**10,100,000 J**	**55,100,000 J**	**7,450,000**	**8,200,000**	**18,600,000**	**10,000,000**	**15,400,000**	**42,500,000**
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	**42,000**	**47,800**	**19,400**	**28,600**	**33,100**	**22,800**	**30,600 J**	**44,500**	**22,000**
Cobalt	18,000,000	2,600,000	14,300 U	14,400 U	9,240 U	9,990 U	7,760 U	8,130 U	10,500 U	10,900 U	7,430 U
Copper	140,000,000	20,000,000	**69,200**	**51,900**	**25,600**	**51,000**	**47,500**	**41,000**	**37,400**	**58,000 J**	**28,200 J**
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	720 U	**810**	460 U	**650 J**	**700 J**	410 UJ	**550**	**560 J**	370 UJ
Iron	1,000,000,000 {B,D}	160,000,000 {B}	**42,900,000 J**	**51,100,000 J**	**18,300,000 J**	**39,800,000**	**43,300,000**	**39,400,000**	**36,400,000**	**49,200,000**	**29,300,000**
Lead	900,000 (draft)	400,000	**83,300**	**112,000**	**91,500**	**72,100**	**104,000**	**15,800**	**59,100**	**75,500**	**25,300**
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	**5,640,000**	**4,860,000**	**20,700,000**	**3,490,000**	**2,790,000**	**7,020,000**	**4,940,000**	**6,140,000 J**	**14,100,000 J**
Manganese	170,000,000 {B}	25,000,000 {B}	**781,000**	**800,000**	**455,000**	**824,000**	**773,000**	**781,000**	**662,000**	**959,000**	**649,000**
Mercury	1,100,000	160,000	143 UJ	144 UJ	92 UJ	100 U	78 U	81 U	**118**	**125 J**	74 UJ
Nickel	270,000,000 {B}	40,000,000 {B}	**26,900**	**36,400**	**21,100**	**24,600**	**28,300**	**25,900**	**19,800**	**30,000**	**19,100**
Potassium			1,430,000 U	1,440,000 U	**1,310,000**	999,000 U	776,000 U	**949,000**	1,050,000 U	**1,380,000**	**1,040,000**
Selenium	18,000,000 {B}	2,600,000 {B}	**1,400**	**2,460**	462 U	999 UJ	**1,510 J**	**799 J**	2,100 UJ	1,090 U*	743 U*
Silver	17,000,000 {B}	2,500,000 {B}	716 UJ	1,440 UJ	462 UJ	999 UJ	776 UJ	406 UJ	2,100 U*	1,090 UJ*	743 UJ*
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	1,430,000 U	1,440,000 U	924,000 U	999,000 U	776,000 U	813,000 U	1,050,000 U	1,090,000 U	743,000 U
Thallium	240,000 {B}	35,000 {B}	716 U	719 U	462 U	499 U	388 U	406 UJ	525 U	546 U	371 U
Vanadium	10,000,000	750,000	**17,500**	**21,400**	**19,200**	**13,000**	**15,400**	**17,900**	**5,770**	**11,700**	**15,900**
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	**1,890,000**	**1,350,000**	**146,000**	**2,020,000**	**163,000**	**39,900**	**1,350,000**	**169,000 J**	**59,700 J**

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-19 (0 - 0.5') 6/20/95 FS	SD-19 (1.75 - 2.25') 6/20/95 FS	SD-19 (3.5 - 4') 6/20/95 FS	SD-20 (0 - 0.5') 6/20/95 FS	SD-20 (0.7 - 1.2') 6/20/95 FS	SD-20 (1.4 - 1.9') 6/20/95 FS	SD-21 (0 - 0.5') 6/20/95 FS	SD-21 (0.65 - 1.15') 6/20/95 FS	SD-21 (1.3 - 1.8') 6/20/95 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	**19,000,000**	**14,500,000**	**8,310,000**	**12,300,000**	**16,200,000**	**9,270,000**	**13,800,000**	**20,400,000**	**10,300,000**
Antimony	1,200,000	180,000	1,540 UJ*	**1,350 J**	**778 J**	1,350 UJ*	**1,950 J**	**1,200 J**	1,480 UJ*	**1,670 J**	**1,070 J**
Arsenic	61,000 {B}	7,600 {B}	**5,780**	**8,940**	**3,860**	**7,050**	**6,610**	**4,600**	**5,180**	**5,360**	**3,540**
Barium	250,000,000	37,000,000	**96,800**	**80,500**	**45,000**	**104,000**	**93,600**	**83,200**	**109,000**	**98,600**	**74,700**
Beryllium	3,100,000	410,000	**1,700**	**1,370**	**806**	**1,490**	**1,830**	931 U	**1,480**	**1,770**	875 U
Cadmium	4,100,000 {B}	550,000 {B}	**2,560 SJ**	**872 J**	**400 J**	**2,600 J**	**1,620 J**	**1,090 J**	**2,630 J**	**1,860 J**	**568 J**
Calcium			**10,600,000**	**18,100,000**	**26,000,000**	**11,100,000**	**12,700,000**	**52,400,000**	**8,920,000**	**12,400,000**	**34,800,000**
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	**40,600**	**50,500**	**24,200**	**49,400**	**40,100**	**22,300**	**40,500**	**40,000**	**22,400**
Cobalt	18,000,000	2,600,000	15,400 U	10,500 U	7,330 U	13,500 U	15,300 U	9,310 U	14,800 U	16,100 U	8,750 U
Copper	140,000,000	20,000,000	**66,900 J**	**64,900 J**	**30,000 J**	**79,900 J**	**58,000 J**	**36,600 J**	**93,800 J**	**40,900 J**	**25,900 J**
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	**780 J**	**750 J**	**570 J**	680 UJ	760 UJ	470 UJ	740 UJ	**1,000 J**	440 UJ
Iron	1,000,000,000 {B,D}	160,000,000 {B}	**48,400,000**	**51,100,000**	**31,100,000**	**47,700,000**	**53,000,000**	**23,600,000**	**49,500,000**	**44,000,000**	**25,000,000**
Lead	900,000 (draft)	400,000	**167,000**	**112,000**	**42,100**	**149,000**	**111,000**	**118,000**	**147,000**	**85,600**	**32,900**
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	**6,620,000 J**	**6,250,000 J**	**9,480,000 J**	**4,690,000 J**	**5,000,000 J**	**19,100,000 J**	**5,450,000 J**	**7,290,000 J**	**18,000,000 J**
Manganese	170,000,000 {B}	25,000,000 {B}	**994,000**	**1,060,000**	**612,000**	**1,630,000**	**854,000**	**593,000**	**1,090,000**	**619,000**	**484,000**
Mercury	1,100,000	160,000	154 UJ	105 UJ	73 UJ	135 UJ	**199 J**	**137 J**	**258 J**	161 UJ	**121 J**
Nickel	270,000,000 {B}	40,000,000 {B}	**25,300**	**36,000**	**18,900**	**26,600**	**34,500**	**25,100**	**26,900**	**31,600**	**24,100**
Potassium			1,540,000 U	**1,160,000**	733,000 U	1,350,000 U	1,530,000 U	**1,460,000**	1,480,000 U	1,610,000 U	**1,340,000**
Selenium	18,000,000 {B}	2,600,000 {B}	1,540 U*	1,050 U*	733 U*	1,350 U*	1,530 U*	931 U*	1,480 U*	1,610 U*	875 U*
Silver	17,000,000 {B}	2,500,000 {B}	1,540 UJ*	1,050 UJ*	733 UJ*	1,350 UJ*	1,530 UJ*	931 UJ*	1,480 UJ*	1,610 UJ*	875 UJ*
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	1,540,000 U	1,050,000 U	733,000 U	1,350,000 U	1,530,000 U	931,000 U	1,480,000 U	1,610,000 U	875,000 U
Thallium	240,000 {B}	35,000 {B}	772 U	526 U	366 U	675 U	763 U	466 U	740 U	803 U	438 U
Vanadium	10,000,000	750,000	**8,500**	**7,790**	**6,960**	**6,750**	**11,600**	**19,400**	**7,400**	**12,800**	**19,300**
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	**4,950,000 J**	**213,000 J**	**81,200 J**	**4,310,000 J**	**1,030,000 J**	**169,000 J**	**4,140,000 J**	**1,910,000 J**	**251,000 J**

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-22 (0 - 1.2') 6/19/95 FS	SD-22 (1.2 - 2.4') 6/19/95 FS	SD-22 (2.4 - 3.6') 6/19/95 FS	SD-23 (0 - 1.2') 6/19/95 FS	SD-23 (1.2 - 2.4') 6/19/95 FS	SD-23 (2.4 - 3.6') 6/19/95 FS	SD-24 (0 - 1.5') 6/19/95 FS	SD-24 (1.5 - 3') 6/19/95 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	**9,790,000**	**8,020,000**	**5,530,000**	**8,700,000**	**6,730,000**	**2,840,000**	**10,700,000**	**4,690,000**
Antimony	1,200,000	180,000	1,220 UJ	669 UJ	**349 J**	1,520 UJ	**433 J**	343 UJ	**856 J**	**437 J**
Arsenic	61,000 {B}	7,600 {B}	**5,110**	**5,480**	**4,410**	**10,900 J**	**9,030 J**	**7,040 J**	**11,300 J**	**12,100 J**
Barium	250,000,000	37,000,000	**121,000**	**69,000**	**43,900**	**70,800**	**56,200**	**26,000**	**71,900**	**43,200**
Beryllium	3,100,000	410,000	**796**	**736**	668 U	**607**	737 U	686 U	793 U	777 U
Cadmium	4,100,000 {B}	550,000 {B}	**75**	**395**	**94**	**105**	**227**	**76**	**285**	**130**
Calcium			**42,300,000**	**37,800,000**	**38,400,000**	**40,800,000**	**48,700,000**	**43,100,000**	**41,800,000**	**66,500,000**
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	**74,600**	**52,700**	**20,300**	**46,500 J**	**14,500 J**	**5,900 J**	**18,900 J**	**9,870 J**
Cobalt	18,000,000	2,600,000	6,120 U	6,690 U	6,680 U	6,070 U	7,370 U	6,860 U	7,930 U	7,770 U
Copper	140,000,000	20,000,000	**4,900 J**	**24,400 J**	**6,830 J**	**27,300 J**	**16,200**	**3,800 J**	**15,200 J**	**7,860 J**
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	**2,000 J**	**1,100 J**	**840 J**	**2,400 J**	R	R	R	R
Iron	1,000,000,000 {B,D}	160,000,000 {B}	**18,400,000**	**18,800,000**	**10,700,000**	**24,100,000**	**11,800,000**	**6,310,000**	**15,600,000**	**11,300,000**
Lead	900,000 (draft)	400,000	**6,810**	**6,510**	**4,150**	**9,460**	**6,650**	**2,020**	**9,360**	**3,930**
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	**7,170,000 J**	**9,570,000 J**	**12,600,000 J**	**8,730,000 J**	**15,100,000 J**	**10,500,000 J**	**16,300,000 J**	**17,400,000 J**
Manganese	170,000,000 {B}	25,000,000 {B}	**5,130,000**	**3,150,000**	**1,040,000**	**3,100,000 J**	**629,000 J**	**272,000 J**	**416,000 J**	**532,000 J**
Mercury	1,100,000	160,000	61 U	67 U	67 U	61 U	74 U	69 U	79 U	78 U
Nickel	270,000,000 {B}	40,000,000 {B}	**14,300**	**17,500**	**9,290**	**12,100**	**11,800**	**4,190**	**14,400**	**9,010**
Potassium			**1,090,000**	**954,000**	**784,000**	**1,460,000**	**1,200,000**	686,000 U	**1,900,000**	**901,000**
Selenium	18,000,000 {B}	2,600,000 {B}	1,220 UJ	**1,160 J**	334 UJ	1,520 UJ	**550**	343 UJ	793 U*	389 U
Silver	17,000,000 {B}	2,500,000 {B}	1,220 UJ	669 UJ	334 UJ	1,520 UJ	368 UJ	343 UJ	793 UJ	389 UJ
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	612,000 U	669,000 U	668,000 U	607,000 U	737,000 U	686,000 U	793,000 U	777,000 U
Thallium	240,000 {B}	35,000 {B}	306 U	334 U	334 U	303 U	368 UJ	343 UJ	397 UJ	389 U
Vanadium	10,000,000	750,000	**17,100**	**16,000**	**15,000**	**21,500**	**15,700**	**8,550**	**24,900**	**12,300**
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	**81,800**	**40,800**	**33,600**	**47,400 J**	**40,900 J**	**13,500 J**	**60,200 J**	**24,700 J**

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-25 (0 - 1.1') 6/19/95 FS	SD-25 (1.1 - 2.2') 6/19/95 FS	SD-25 (2.2 - 3.3') 6/19/95 FS	SD-26 (0 - 1.2') 6/19/95 FS	SD-26 (1.2 - 2.4') 6/19/95 FS	SD-26 (2.4 - 3.6') 6/19/95 FS	SD-27 (0 - 1.3') 6/19/95 FS	SD-27 (1.3 - 2.6') 6/19/95 FS	SD-27 (2.6 - 3.9') 6/19/95 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	6,020,000	3,400,000	3,940,000	8,550,000	8,660,000	2,890,000	10,800,000	3,160,000	2,120,000
Antimony	1,200,000	180,000	429 J	368 J	373 J	390 UJ	414 J	336 UJ	782 UJ	353 UJ	340 UJ
Arsenic	61,000 {B}	7,600 {B}	10,800	2,550	2,740	7,850 J	6,130 J	4,030 J	7,190 J	5,030 J	2,150 J
Barium	250,000,000	37,000,000	42,400	26,100	25,100	70,200	63,900	27,100	83,400	31,300	19,900
Beryllium	3,100,000	410,000	701 U	657 U	695 U	780 U	731 U	672 U	782 U	706 U	681 U
Cadmium	4,100,000 {B}	550,000 {B}	271	76	120	235	155	72	213	94	44
Calcium			41,500,000	26,800,000	35,100,000	38,300,000	48,600,000	43,000,000	32,100,000	47,500,000	33,400,000
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	12,900	7,230	8,550	16,800 J	14,900 J	6,310 J	19,900 J	7,270 J	5,100 J
Cobalt	18,000,000	2,600,000	7,010 U	6,570 U	6,950 U	7,800 U	7,310 U	6,720 U	8,130	7,060 U	6,810 U
Copper	140,000,000	20,000,000	8,600 J	4,020 J	4,280 J	12,800 J	10,300 J	3,770 J	15,400 J	4,870 J	2,620 J
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	350 UJ	330 UJ	350 UJ	R	R	R	R	R	R
Iron	1,000,000,000 {B,D}	160,000,000 {B}	12,800,000	7,270,000	6,980,000	17,100,000	14,400,000	6,000,000	19,900,000	7,360,000	4,840,000
Lead	900,000 (draft)	400,000	6,400	2,780	2,470	8,890	5,740	2,110	9,610	2,580	1,730
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	17,100,000 J	10,500,000 J	12,100,000 J	12,800,000 J	14,200,000 J	11,100,000 J	11,900,000 J	11,700,000 J	8,060,000 J
Manganese	170,000,000 {B}	25,000,000 {B}	504,000	183,000	168,000	538,000 J	501,000 J	246,000 J	445,000 J	316,000 J	188,000 J
Mercury	1,100,000	160,000	70 U	66 U	70 U	78 U	73 U	67 U	78 U	71 U	68 U
Nickel	270,000,000 {B}	40,000,000 {B}	11,000	5,910	7,160	14,400	12,400	4,430	16,600	6,290	3,610
Potassium			856,000	657,000 U	695,000 U	1,240,000	1,660,000	672,000 U	1,610,000	706,000 U	681,000 U
Selenium	18,000,000 {B}	2,600,000 {B}	350 UJ	328 UJ	348 UJ	414	365 U	336 U	782 UJ	353 UJ	340 UJ
Silver	17,000,000 {B}	2,500,000 {B}	350 UJ	328 UJ	348 U	390 UJ	365 UJ	336 UJ	782 UJ	353 UJ	340 UJ
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	701,000 U	657,000 U	695,000 U	780,000 U	731,000 U	672,000 U	782,000 U	706,000 U	681,000 U
Thallium	240,000 {B}	35,000 {B}	350 UJ	328 U	348 U	390 U	365 U	336 U	391 U	353 U	340 U
Vanadium	10,000,000	750,000	17,300	12,100	14,400	18,200	19,000	7,920	24,800	9,150	6,210
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	44,900	20,700	23,200	53,000 J	34,800 J	14,200 J	55,300 J	16,300 J	10,200 J

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-28 (0 - 1.2') 6/19/95 FS	SD-28 (1.2 - 2.4') 6/19/95 FS	SD-28 (2.4 - 3.6') 6/19/95 FS	SD-29 (0 - 1.2') 6/19/95 FS	SD-29 (1.2 - 2.4') 6/19/95 FS	SD-29 (2.4 - 3.6') 6/19/95 FS	SD-30 (0 - 1.1') 6/19/95 FS	SD-30 (1.1 - 2.2') 6/19/95 FS	SD-30 (2.2 - 3.3') 6/19/95 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	**16,300,000**	**8,960,000**	**3,130,000**	**9,560,000**	**5,560,000**	**6,040,000**	**10,200,000**	**1,090,000**	**2,830,000**
Antimony	1,200,000	180,000	**990 J**	718 UJ	**382 J**	**599 J**	359 UJ	369 UJ	**443 J**	314 U	329 UJ
Arsenic	61,000 {B}	7,600 {B}	**9,290 J**	**8,360 J**	**3,660 J**	**8,520 J**	**7,580 J**	**6,570 J**	**5,350 J**	**2,690 J**	**2,770 J**
Barium	250,000,000	37,000,000	**111,000**	**69,300**	**27,300**	**71,700**	**45,000**	**53,300**	**76,200**	**12,500**	**26,700**
Beryllium	3,100,000	410,000	**998**	718 U	669 U	815 U	717 U	739 U	862 U	628 U	659 U
Cadmium	4,100,000 {B}	550,000 {B}	**408**	**256**	**56**	**210**	**148**	**106**	**257**	**36**	**64**
Calcium			**41,200,000**	**30,600,000**	**30,600,000**	**32,600,000**	**56,800,000**	**66,600,000**	**44,500,000**	**23,100,000**	**40,400,000**
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	**28,500 J**	**17,400 J**	**6,750 J**	**18,900 J**	**10,800 J**	**10,900 J**	**17,600 J**	**2,890 J**	**5,730 J**
Cobalt	18,000,000	2,600,000	**9,890**	**7,180**	6,690 U	8,150 U	7,170 U	7,390 U	8,620 U	6,280 U	6,590 U
Copper	140,000,000	20,000,000	**21,500 J**	**14,200 J**	**4,570 J**	**12,700 J**	**7,410 J**	**16,600 J**	**12,200 J**	**1,330 J**	**4,050 J**
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	R	R	R	R	R	R	R	R	R
Iron	1,000,000,000 {B,D}	160,000,000 {B}	**25,000,000**	**15,200,000**	**5,910,000**	**21,500,000**	**8,460,000**	**11,500,000**	**16,600,000**	**2,960,000**	**5,330,000**
Lead	900,000 (draft)	400,000	**13,800**	**8,800**	**2,700**	**8,440**	**3,870**	**3,700**	**7,710**	**1,060**	**2,200**
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	**15,300,000 J**	**10,400,000 J**	**7,480,000 J**	**10,100,000 J**	**16,400,000 J**	**18,400,000 J**	**14,800,000 J**	**4,780,000 J**	**9,570,000 J**
Manganese	170,000,000 {B}	25,000,000 {B}	**603,000 J**	**358,000 J**	**195,000 J**	**530,000 J**	**321,000 J**	**524,000 J**	**536,000 J**	**115,000 J**	**277,000 J**
Mercury	1,100,000	160,000	91 U	72 U	67 U	82 U	72 U	74 U	86 U	63 U	66 U
Nickel	270,000,000 {B}	40,000,000 {B}	**23,200**	**15,400**	**5,150**	**13,900**	**9,320**	**9,160**	**14,800**	2,510 U	**5,670**
Potassium			**2,780,000**	**1,490,000**	669,000 U	**1,240,000**	**1,120,000**	**1,320,000**	**1,570,000**	628,000 U	659,000 U
Selenium	18,000,000 {B}	2,600,000 {B}	908 U*	718 U*	334 UJ	408 UJ	359 U	369 UJ	431 UJ	314 UJ	329 UJ
Silver	17,000,000 {B}	2,500,000 {B}	908 UJ	718 UJ	334 UJ	408 UJ	359 UJ	369 UJ	431 UJ	314 U	329 U
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	908,000 U	718,000 U	669,000 U	815,000 U	717,000 U	739,000 U	862,000 U	628,000 U	659,000 U
Thallium	240,000 {B}	35,000 {B}	454 U	359 U	334 U	408 U	359 U	369 UJ	431 UJ	314 UJ	329 UJ
Vanadium	10,000,000	750,000	**33,500**	**20,600**	**8,930**	**17,600**	**13,700**	**13,300**	**22,000**	**4,210**	**8,090**
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	**87,800 J**	**52,600 J**	**16,200 J**	**109,000 J**	**27,500 J**	**25,500 J**	**55,400 J**	**6,030 J**	**13,000 J**

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-31 (0 - 1.1') 6/19/95 FS	SD-31 (1.1 - 2.2') 6/19/95 FS	SD-31 (2.2 - 3.3') 6/19/95 FS	SD-32 (0 - 1.4') 6/19/95 FS	SD-32 (0 - 1.4') 6/19/95 DUP	SD-32 (1.4 - 2.8') 6/19/95 FS	SD-32 (2.8 - 4.2') 6/19/95 FS	SD-33 (0 - 1.3') 6/19/95 FS	SD-33 (1.3 - 2.6') 6/19/95 FS	SD-33 (2.6 - 3.9') 6/19/95 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	**9,580,000**	**3,670,000**	**1,520,000**	**17,300,000**	**12,800,000**	**4,090,000**	**2,030,000**	**19,200,000**	**13,200,000**	**2,120,000**
Antimony	1,200,000	180,000	**580 J**	**357 J**	307 UJ	**785 J**	**683 J**	330 UJ	**381 J**	**933 J**	**618 J**	295 UJ
Arsenic	61,000 {B}	7,600 {B}	**7,630 J**	**3,580 J**	**1,530 J**	**15,900 J**	**12,100 J**	**2,720 J**	**2,070 J**	**13,600 J**	**6,460 J**	**2,800 J**
Barium	250,000,000	37,000,000	**81,500**	**37,000**	**13,000**	**114,000**	**103,000**	**36,500**	**21,000**	**129,000**	**104,000**	**16,800**
Beryllium	3,100,000	410,000	883 U	681 U	614 U	1,030 U	1,070 U	659 U	623 U	1,060 U	819 U	591 U
Cadmium	4,100,000 {B}	550,000 {B}	**261**	**72**	31 U	**390**	**411**	**118**	**47**	**489**	**264**	**37**
Calcium			**51,500,000**	**52,400,000**	**22,000,000**	**35,000,000**	**34,700,000**	**18,000,000**	**30,600,000**	**43,800,000**	**38,500,000**	**11,200,000**
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	**17,200**	**7,280**	**3,260**	**30,400**	**24,200**	**8,050**	**4,240**	**33,600**	**23,500**	**4,140**
Cobalt	18,000,000	2,600,000	8,830 U	6,810 U	6,140 U	10,300 U	10,700 U	6,590 U	6,230 U	**11,100**	8,190 U	5,910 U
Copper	140,000,000	20,000,000	**15,600**	**6,600**	**2,460**	**22,800**	**22,200**	**7,850**	**3,680**	**25,700**	**18,300**	**2,840**
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	440 UJ	340 UJ	310 UJ	510 UJ	530 UJ	330 UJ	**310 J**	530 UJ	410 UJ	300 UJ
Iron	1,000,000,000 {B,D}	160,000,000 {B}	**19,000,000**	**7,170,000**	**3,420,000**	**25,900,000**	**23,600,000**	**7,300,000**	**4,280,000**	**30,900,000**	**19,300,000**	**3,650,000**
Lead	900,000 (draft)	400,000	**8,580**	**2,960**	**1,210**	**13,600**	**13,100**	**5,090**	**1,860**	**16,400**	**12,100**	**1,890**
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	**18,900,000**	**13,600,000**	**5,240,000**	**13,300,000**	**12,300,000**	**5,040,000**	**7,310,000**	**16,600,000**	**13,700,000**	**3,160,000**
Manganese	170,000,000 {B}	25,000,000 {B}	**511,000**	**278,000**	**102,000**	**527,000**	**512,000**	**145,000**	**164,000**	**660,000**	**354,000**	**76,600**
Mercury	1,100,000	160,000	88 U	68 U	61 U	103 U	107 U	66 U	62 U	106 U	82 U	59 U
Nickel	270,000,000 {B}	40,000,000 {B}	**16,100**	**6,190**	**2,700**	**25,700**	**21,400**	**7,060**	**3,860**	**26,700**	**18,200**	**3,780**
Potassium			**1,440,000**	**770,000**	614,000 U	**2,890,000**	**1,800,000**	659,000 U	623,000 U	**2,990,000**	**2,130,000**	591,000 U
Selenium	18,000,000 {B}	2,600,000 {B}	442 U	340 U	307 U	513 U	534 U	330 U	311 U	532 U	409 U	295 U
Silver	17,000,000 {B}	2,500,000 {B}	442 UJ	340 UJ	307 UJ	513 UJ	534 UJ	330 UJ	311 UJ	532 UJ	409 UJ	295 UJ
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	883,000 U	681,000 U	614,000 U	1,030,000 U	1,070,000 U	659,000 U	623,000 U	1,060,000 U	819,000 U	591,000 U
Thallium	240,000 {B}	35,000 {B}	442 UJ	340 UJ	307 UJ	513 UJ	534 UJ	330 UJ	311 UJ	532 UJ	409 UJ	295 UJ
Vanadium	10,000,000	750,000	**22,300**	**12,000**	**5,960**	**36,300**	**27,800**	**10,700**	**6,730**	**38,200**	**29,100**	**7,030**
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	**53,700**	**15,900**	**7,490**	**95,100**	**93,400**	**23,000**	**9,160**	**143,000**	**58,600**	**10,500**

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-34 (0 - 1.3') 6/21/95 FS	SD-34 (1.3 - 2.6') 6/21/95 FS	SD-34 (2.6 - 3.9') 6/21/95 FS	SD-35 (0 - 1.5') 6/21/95 FS	SD-35 (1.5 - 3') 6/21/95 FS	SD-35 (3 - 4.5') 6/21/95 FS	SD-36 (0 - 1.2') 6/19/95 FS	SD-36 (1.2 - 2.4') 6/19/95 FS	SD-36 (2.4 - 3.6') 6/19/95 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	8,110,000 J	7,280,000 J	5,190,000 J	13,500,000 J	8,320,000 J	7,230,000 J	4,270,000	4,450,000	7,250,000
Antimony	1,200,000	180,000	714 UJ	746 UJ	364 J	992 UJ	704 UJ	470 J	361 UJ	375 J	467 J
Arsenic	61,000 {B}	7,600 {B}	4,890 J	5,300 J	5,240 J	6,400 J	5,990 J	4,170 J	2,680 J	2,570 J	4,270 J
Barium	250,000,000	37,000,000	55,800	60,700	44,100	92,700	63,100	66,500	35,800	36,900	68,700
Beryllium	3,100,000	410,000	999	746 U	699 U	992	704 U	738 U	722 U	698 U	757 U
Cadmium	4,100,000 {B}	550,000 {B}	219	240	134	504	501	221	95	89	142
Calcium			14,200,000	53,400,000	58,400,000	40,900,000	29,500,000	59,500,000	31,300,000	31,900,000	75,600,000
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	26,400 J	17,800 J	10,400 J	30,600 J	22,000 J	19,900 J	8,230	8,240	13,300
Cobalt	18,000,000	2,600,000	7,140 U	7,460 U	6,990 U	9,920 U	7,040 U	7,380 U	7,220 U	6,980 U	7,570 U
Copper	140,000,000	20,000,000	14,700	13,700	8,040	26,900	20,000	15,500	7,070	6,700	11,700
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	360 U	370 U	350 U	500 U	350 U	370 U	360 UJ	350 UJ	380 UJ
Iron	1,000,000,000 {B,D}	160,000,000 {B}	17,200,000	14,000,000	9,470,000	31,100,000	21,400,000	15,500,000	7,370,000	7,570,000	12,900,000
Lead	900,000 (draft)	400,000	10,900	9,480	4,100	21,300	20,300	14,300	3,680	3,710	5,240
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	4,350,000	18,500,000	19,200,000	13,400,000	9,570,000	19,200,000	9,320,000	9,480,000	23,400,000
Manganese	170,000,000 {B}	25,000,000 {B}	459,000	488,000	365,000	602,000	418,000	536,000	202,000	206,000	475,000
Mercury	1,100,000	160,000	71 U	89	83	118	96	88	72 U	70 U	76 U
Nickel	270,000,000 {B}	40,000,000 {B}	14,400	13,700	10,300	26,400	16,300	15,700	7,000	6,350	12,500
Potassium			887,000	1,210,000	980,000	2,080,000	1,190,000	1,160,000	796,000	836,000	1,420,000
Selenium	18,000,000 {B}	2,600,000 {B}	714 UJ	746 UJ	349 UJ	992 UJ	704 UJ	369 UJ	361 U	349 U	379 U
Silver	17,000,000 {B}	2,500,000 {B}	714 U*	746 U*	349 U	992 U*	704 U*	369 U	361 UJ	349 UJ	379 UJ
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	714,000 U	746,000 U	699,000 U	1,110,000	732,000	738,000 U	722,000 U	698,000 U	757,000 U
Thallium	240,000 {B}	35,000 {B}	357 U	373 UW	349 U	496 U	352 U	369 U	361 UJ	349 UJ	379 UJ
Vanadium	10,000,000	750,000	10,900	16,100	13,200	17,600	11,700	16,400	11,700	12,100	19,000
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	169,000	49,600	24,100	247,000	66,600	51,700	23,500	18,900	32,200

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-37 (0 - 1.3') 6/19/95 FS	SD-37 (1.3 - 2.6') 6/19/95 FS	SD-37 (1.3 - 2.6') 6/19/95 DUP	SD-37 (2.6 - 3.9') 6/19/95 FS	SD-38 (0 - 1.2') 6/19/95 FS	SD-38 (1.2 - 2.4') 6/19/95 FS	SD-39 (0 - 1') 6/22/95 FS	SD-39 (1 - 2') 6/22/95 FS	SD-39 (1 - 2') 6/22/95 DUP
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	**5,560,000**	**6,360,000**	**8,330,000**	**5,080,000**	**12,300,000**	**5,750,000**	**1,160,000**	**9,600,000**	**1,040,000**
Antimony	1,200,000	180,000	**510 J**	**394 J**	373 UJ	330 UJ	**839 J**	330 UJ	305 UJ	2,680 UJ*	310 UJ
Arsenic	61,000 {B}	7,600 {B}	**7,520 J**	**6,790 J**	**4,700 J**	**4,750 J**	**6,540 J**	**3,400 J**	**1,250**	**1,640**	**1,320**
Barium	250,000,000	37,000,000	**43,400**	**57,200**	**63,900**	**45,400**	**100,000**	**40,500**	**11,000**	**105,000 J**	**7,930 J**
Beryllium	3,100,000	410,000	707 U	732 U	746 U	659 U	999 U	660 U	611 U	**642**	619 U
Cadmium	4,100,000 {B}	550,000 {B}	**148**	**153**	**149**	**132**	**350**	**99**	31 U	27 U	31 U
Calcium			**20,900,000**	**60,300,000**	**62,800,000**	**41,600,000**	**59,300,000**	**39,800,000**	**9,510,000 J**	**42,700,000 J**	**9,330,000 J**
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	**9,470**	**11,800**	**13,900**	**9,560**	**22,000**	**10,900**	**2,870**	**101,000 J**	**2,290 J**
Cobalt	18,000,000	2,600,000	7,070 U	7,320 U	7,460 U	6,590 U	9,990 U	6,600 U	6,110 U	5,350 U	6,190 U
Copper	140,000,000	20,000,000	**8,910**	**9,450**	**9,920**	**9,030**	**36,800**	**10,800**	**2,690**	**19,300 J**	**1,490 J**
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	**3,500 J**	370 UJ	370 UJ	330 UJ	500 UJ	330 UJ	310 U	270 U	310 U
Iron	1,000,000,000 {B,D}	160,000,000 {B}	**10,200,000**	**12,300,000**	**13,200,000**	**9,440,000**	**21,400,000**	**9,970,000**	**2,360,000**	**23,300,000 J**	**2,120,000 J**
Lead	900,000 (draft)	400,000	**5,390**	**5,340**	**5,560**	**4,250**	**14,000**	**4,580**	**2,150**	**14,400 J**	**1,060 J**
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	**6,970,000**	**18,700,000**	**19,700,000**	**14,000,000**	**16,900,000**	**12,900,000**	**1,690,000**	**2,960,000**	**1,560,000**
Manganese	170,000,000 {B}	25,000,000 {B}	**240,000**	**444,000**	**466,000**	**309,000**	**587,000**	**204,000**	**39,400**	**8,710,000 J**	**24,200 J**
Mercury	1,100,000	160,000	71 U	73 U	75 U	66 U	100 U	66 U	61 U	54 U	62 U
Nickel	270,000,000 {B}	40,000,000 {B}	**8,060**	**11,800**	**12,900**	**11,000**	**20,500**	**10,800**	**2,990**	**44,400 J**	**2,540 J**
Potassium			**920,000**	**1,180,000**	**1,850,000**	**808,000**	**2,140,000**	**1,180,000**	611,000 U	**917,000**	619,000 U
Selenium	18,000,000 {B}	2,600,000 {B}	353 U	366 U	373 U	330 U	500 U	330 U	305 UJ	2,680 U*	310 U
Silver	17,000,000 {B}	2,500,000 {B}	353 UJ	366 U	373 UJ	330 UJ	500 U	330 UJ	305 UJ	2,680 UJ*	310 UJ
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	707,000 U	732,000 UJ	746,000 U	659,000 U	999,000 U	660,000 U	611,000 U	**661,000**	619,000 U
Thallium	240,000 {B}	35,000 {B}	353 UJ	366 UJ	373 UJ	330 UJ	500 UJ	330 UJ	305 U	268 U	310 U
Vanadium	10,000,000	750,000	**12,900**	**16,100**	**21,300**	**13,800**	**28,600**	**15,600**	**3,480**	**20,000 J**	**3,030 J**
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	**25,800**	**26,400**	**27,700**	**31,500**	**68,800**	**23,200**	**7,690**	**147,000 J**	**5,700 J**

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-40 (0 - 1.1') 6/22/95 FS	SD-40 (1.1 - 2.2') 6/22/95 FS	SD-41 (0 - 1') 6/22/95 FS	SD-41 (1 - 2') 6/22/95 FS	SD-42 (0 - 1') 6/22/95 FS	SD-42 (1 - 2') 6/22/95 FS	SD-43 (0 - 0.8') 6/15/95 FS	SD-43 (0.8 - 1.6') 6/15/95 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	**9,620,000**	**11,300,000**	**12,500,000**	**4,720,000**	**2,150,000**	**8,400,000**	**5,980,000**	**5,620,000**
Antimony	1,200,000	180,000	**737 J**	**510 J**	**940 J**	**524 J**	**357 J**	**493 J**	**2,310 J**	**892 J**
Arsenic	61,000 {B}	7,600 {B}	**4,600**	**3,550**	**5,510**	**2,320**	**845**	**2,940**	**4,830**	**3,420**
Barium	250,000,000	37,000,000	**76,900**	**72,900**	**47,100**	**21,200**	**11,900**	**38,300**	**66,200**	**66,300**
Beryllium	3,100,000	410,000	893 U	683 U	**822**	601 U	525 U	638 U	707 U	594 U
Cadmium	4,100,000 {B}	550,000 {B}	**181**	**109**	**219**	**84**	**58**	**110**	**240**	**138**
Calcium			**16,000,000 J**	**51,200,000 J**	**24,700,000 J**	**7,910,000 J**	**1,350,000 J**	**37,400,000 J**	**24,400,000**	**32,800,000**
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	**21,600**	**21,000**	**34,700**	**20,700**	**8,400**	**22,400**	**35,300**	**36,900**
Cobalt	18,000,000	2,600,000	8,930 U	**7,170**	**7,120**	6,010 U	5,250 U	6,380 U	7,070 U	5,940 U
Copper	140,000,000	20,000,000	**17,800**	**14,700**	**38,300**	**11,500**	**10,700**	**18,500**	**47,000 J**	**22,300 J**
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	450 U	340 U	340 U	300 U	260 U	**850**	350 UJ	300 UJ
Iron	1,000,000,000 {B,D}	160,000,000 {B}	**19,100,000**	**16,800,000**	**39,800,000**	**14,600,000**	**9,090,000**	**17,300,000**	**94,400,000**	**21,100,000**
Lead	900,000 (draft)	400,000	**12,800**	**6,970**	**21,800**	**9,130**	**4,450**	**10,100**	**13,400**	**20,700**
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	**5,920,000**	**16,400,000**	**11,500,000**	**2,370,000**	**755,000**	**12,400,000**	**5,760,000 J**	**4,900,000 J**
Manganese	170,000,000 {B}	25,000,000 {B}	**263,000**	**319,000**	**441,000**	**508,000**	**161,000**	**364,000**	**954,000**	**1,480,000**
Mercury	1,100,000	160,000	89 U	68 U	**91**	60 U	53 U	64 U	71 U	59 U
Nickel	270,000,000 {B}	40,000,000 {B}	**19,100**	**20,000**	**33,200**	**13,800**	**9,130**	**17,500**	**26,400**	**14,500**
Potassium			**926,000**	**1,730,000**	**2,020,000**	601,000 U	525,000 U	**1,760,000**	**1,180,000**	**1,220,000**
Selenium	18,000,000 {B}	2,600,000 {B}	893 U*	683 U*	1,370 UJ*	601 UJ*	262 U	319 U	**4,580 J**	594 UJ
Silver	17,000,000 {B}	2,500,000 {B}	446 UJ	341 UJ	685 UJ	300 UJ	262 UJ	319 UJ	1,410 UJ	594 UJ
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	893,000 U	683,000 U	**982,000**	601,000 U	525,000 U	638,000 U	**899,000**	**616,000**
Thallium	240,000 {B}	35,000 {B}	446 U	341 UJ	343 UJ	300 U	262 U	319 U	353 U	297 U
Vanadium	10,000,000	750,000	**22,300**	**27,600**	**20,400**	**8,290**	**4,510**	**17,700**	1,410 U	**10,300**
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	**66,700**	**38,800**	**249,000**	**59,900**	**64,000**	**80,700**	**70,800**	**36,000**

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-44 (0 - 0.9') 6/15/95 FS	SD-44 (0.9 - 1.8') 6/15/95 FS	SD-45 (0 - 0.7') 6/15/95 FS	SD-45 (0.7 - 1.4') 6/15/95 FS	SD-46 (0 - 1.5') 6/15/95 FS	SD-46 (1.5 - 3') 6/15/95 FS	SD-46 (3 - 4.5') 6/15/95 FS	SD-47 (0 - 1.5') 6/15/95 FS	SD-47 (1.5 - 3') 6/15/95 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	**12,300,000**	**12,800,000**	**9,790,000**	**9,590,000**	**9,890,000**	**6,180,000**	**4,200,000**	**2,950,000**	**3,640,000**
Antimony	1,200,000	180,000	**1,040 J**	**822 J**	689 UJ*	1,320 UJ*	957 UJ*	743 UJ*	670 UJ*	623 UJ*	668 UJ*
Arsenic	61,000 {B}	7,600 {B}	**6,850 J**	**4,940 SJ**	**4,300 J**	**4,480 J**	**8,840 J**	**9,390 J**	2,680 UJ	**4,060 J**	**3,980 J**
Barium	250,000,000	37,000,000	**142,000**	**150,000**	**76,200**	**86,600**	**109,000**	**71,500**	**41,400**	**35,800**	**41,400**
Beryllium	3,100,000	410,000	1,010 U	**793**	689 U	658 U	957 U	743 U	670 U	623 U	668 U
Cadmium	4,100,000 {B}	550,000 {B}	**447**	**299**	**170**	**170**	**400**	**281**	**76**	**72**	**80**
Calcium			**32,500,000**	**54,000,000**	**55,300,000**	**33,400,000**	**40,000,000**	**47,400,000**	**58,100,000**	**28,400,000**	**46,400,000**
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	**45,100**	**71,500**	**19,400**	**18,200**	**34,400**	**15,800**	**8,970**	**8,100**	**8,480**
Cobalt	18,000,000	2,600,000	10,100 U	7,930 U	**6,960**	**7,310**	9,570 U	7,430 U	6,700 U	6,230 U	6,680 U
Copper	140,000,000	20,000,000	**45,000 J**	**24,900 J**	**11,600 J**	**11,300 J**	**33,400 J**	**16,600 J**	**6,760**	**6,110**	**6,880**
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	500 UJ	250 UJ	340 UJ	**500 J**	480 UJ	370 UJ	330 UJ	310 UJ	330 UJ
Iron	1,000,000,000 {B,D}	160,000,000 {B}	**48,600,000**	**26,600,000**	**14,600,000**	**16,200,000**	**35,200,000**	**14,600,000**	**8,160,000**	**8,530,000**	**8,770,000**
Lead	900,000 (draft)	400,000	**32,500**	**32,400**	**5,690**	**6,930**	**19,800**	**7,600**	**2,990**	**3,580**	**3,640**
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	**12,200,000**	**17,600,000**	**20,700,000**	**15,100,000**	**12,000,000**	**15,600,000**	**15,000,000**	**5,160,000**	**12,600,000**
Manganese	170,000,000 {B}	25,000,000 {B}	**887,000**	**2,390,000**	**409,000**	**294,000**	**781,000**	**525,000**	**318,000**	**248,000**	**293,000**
Mercury	1,100,000	160,000	**111**	**95**	69 UJ	66 U	**99**	74 U	67 UJ	62 UJ	67 UJ
Nickel	270,000,000 {B}	40,000,000 {B}	**36,200**	**32,800**	**18,100**	**16,800**	**26,400**	**16,300**	**10,200**	**7,790**	**9,080**
Potassium			**2,190,000**	**2,660,000**	**2,170,000**	**1,940,000**	**1,710,000**	**757,000**	**801,000**	623,000 U	668,000 U
Selenium	18,000,000 {B}	2,600,000 {B}	1,010 U*	396 U*	689 UJ*	1,320 U*	957 U*	743 U*	670 U*	623 U*	668 U*
Silver	17,000,000 {B}	2,500,000 {B}	1,010 UJ*	396 UJ*	689 UJ*	1,320 U*	957 UJ*	743 UJ*	670 UJ*	623 U*	668 UJ*
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	**1,300,000**	**836,000**	689,000 U	658,000 U	957,000 U	743,000 U	670,000 U	623,000 U	668,000 U
Thallium	240,000 {B}	35,000 {B}	504 U	396 U	345 U	329 UJ	478 U	371 U	335 U	311 U	334 U
Vanadium	10,000,000	750,000	**23,400**	**32,700**	**24,100**	**23,800**	**19,800**	**17,800**	**12,000**	**8,290**	**10,100**
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	**263,000**	**130,000**	**36,500**	**34,800**	**123,000**	**43,500**	**18,800**	**19,400**	**21,200**

See generic notes pages.

TABLE 4-63

TAL INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-48 (0 - 1.3') 6/15/95 FS	SD-48 (1.3 - 2.6') 6/15/95 FS	SD-59 (0 - 0.5') 8/10/00 FS	SD-60 (0 - 0.5') 8/10/00 FS	SD-61 (0 - 0.5') 8/10/00 FS	SD-62 (0 - 0.5') 8/10/00 FS	SD-62 (0 - 0.5') 8/10/00 DUP	SD-64 (0 - 0.5') 8/10/00 FS	SD-65 (0 - 0.5') 8/10/00 FS
Aluminum	660,000,000 {B,AD}	50,000,000 {B,AD}	**5,110,000**	**7,490,000**	**10,600,000**	**3,190,000**	**6,620,000**	**6,530,000**	**7,490,000**	**16,400,000**	**2,760,000**
Antimony	1,200,000	180,000	640 UJ*	670 UJ*	10,000 UJ	10,100 UJ	9,700 UJ	**35,800 J**	**30,400 J**	12,500 UJ	9,700 UJ
Arsenic	61,000 {B}	7,600 {B}	**2,840 J**	**6,330 J**	**6,500**	**3,400**	**4,500**	**12,500**	**11,700**	**11,000**	**2,300**
Barium	250,000,000	37,000,000	**47,700**	**76,800**	**77,700**	**79,900**	**45,800**	**57,000**	**68,400**	**115,000**	**23,900 B**
Beryllium	3,100,000	410,000	640 U	670 U	840 U	840 U	810 U	640 U	700 U	1,000 U	810 U
Cadmium	4,100,000 {B}	550,000 {B}	**163**	**231**	**190 B**	840 U	**180 B**	1,300 U	700 U	1,000 U	810 U
Calcium			**40,300,000**	**61,500,000**	**9,390,000**	**30,300,000**	**8,000,000**	**27,300,000**	**38,000,000**	**30,600,000**	**11,700,000**
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	**13,400**	**16,500**	**20,100**	**13,900**	**12,600**	**119,000**	**136,000**	**28,700**	**16,600**
Cobalt	18,000,000	2,600,000	6,400 U	6,700 U	**5,800 B**	**1,900 B**	**3,500 B**	**6,100 B**	**5,800 B**	**8,800 B**	**1,700 B**
Copper	140,000,000	20,000,000	**10,900 J**	**12,900 J**	**21,700**	**24,400**	**14,100**	**1,140,000**	**1,170,000**	**26,700**	**8,700**
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	320 UJ	330 UJ	840 U	840 U	810 U	**270 B**	700 U	1,000 U	810 U
Iron	1,000,000,000 {B,D}	160,000,000 {B}	**12,000,000**	**13,400,000**	**14,500,000**	**24,800,000**	**8,940,000**	**72,500,000**	**71,700,000**	**22,800,000**	**5,720,000**
Lead	900,000 (draft)	400,000	**8,710**	**6,310**	**25,100**	**14,300**	**21,400**	**237,000**	**245,000**	**21,300**	**7,000**
Magnesium	1,000,000,000 {B,D}	1,000,000,000 {B,D}	**11,900,000**	**19,700,000**	**4,730,000**	**1,810,000**	**3,400,000**	**1,300,000**	**1,530,000**	**12,400,000**	**1,830,000**
Manganese	170,000,000 {B}	25,000,000 {B}	**387,000**	**554,000**	**211,000 J**	**329,000 J**	**92,700**	**3,800,000 J**	**4,480,000 J**	**363,000 J**	**732,000 J**
Mercury	1,100,000	160,000	64 U	67 U	**85 B**	**16 B**	**46 B**	**120 B**	**120 B**	**75 B**	**15 B**
Nickel	270,000,000 {B}	40,000,000 {B}	**13,600**	**17,500**	**17,700**	**17,600**	**11,400**	**36,100**	**30,300**	**24,900**	**4,000 B**
Potassium			**906,000**	**973,000**	**1,530,000**	**426,000 B**	**1,200,000**	**629,000 B**	**736,000**	**2,750,000**	**441,000 B**
Selenium	18,000,000 {B}	2,600,000 {B}	640 U*	670 U*	**2,000**	**1,600**	**880**	1,300 U	**4,600**	**2,500**	**560 B**
Silver	17,000,000 {B}	2,500,000 {B}	640 UJ*	670 UJ*	1,700 U	1,700 U	1,600 U	**10,100**	**13,400**	2,100 U	1,600 U
Sodium	1,000,000,000 {D}	1,000,000,000 {D}	640,000 U	670,000 U	**240,000 B**	**313,000 B**	**558,000 B**	**196,000 B**	**236,000 B**	**759,000 B**	**166,000 B**
Thallium	240,000 {B}	35,000 {B}	320 U	335 UW	**1,700 J**	**1,400 JB**	1,600 UJ	**880 BJ**	**6,500 J**	**2,200 J**	**1,200 JB**
Vanadium	10,000,000	750,000	**12,700**	**18,900**	**21,600**	**6,300 B**	**16,200**	**15,400**	**18,600**	**36,100**	**7,100 B**
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	**35,900**	**36,200**	**68,400 J**	**91,400 J**	**47,200 J**	**179,000 J**	**123,000 J**	**73,900 J**	**19,700 J**

See generic notes pages.

TABLE 4-64

APPENDIX IX INORGANIC ANALYTICAL RESULTS FOR SEDIMENT

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic RDC Value	SD-17 (0 - 0.5') 6/20/95 FS	SD-17 (0 - 0.5') 6/20/95 DUP	SD-17 (0.95 - 1.45') 6/20/95 FS	SD-17 (1.9 - 2.4') 6/20/95 FS
Antimony	1,200,000	180,000	**1,480 J**	809 UJ	**1,300 J**	**1,470 J**
Arsenic	61,000 {B}	7,600 {B}	**8,720 J**	**6,030 J**	**5,460 J**	**9,850 J**
Barium	250,000,000	37,000,000	**61,200**	**67,600**	**70,100**	**75,700**
Beryllium	3,100,000	410,000	**939**	**971**	**1,050**	**1,010**
Cadmium	4,100,000 {B}	550,000 {B}	**180 J**	**175 J**	**294 J**	**473 J**
Chromium	1,000,000,000 {B,D,H}	790,000,000 {B,H}	**54,400**	**53,400**	**27,800**	**32,100**
Cobalt	18,000,000	2,600,000	7,820 U	8,090 U	8,740 U	7,750 U
Copper	140,000,000	20,000,000	**42,200**	**27,300**	**36,100**	**56,600**
Cyanide, Total	250,000 {P,R}	12,000 {P,R}	**440 J**	400 UJ	**660**	**590 J**
Lead	900,000 (draft)	400,000	**22,700**	**25,300**	**44,000**	**72,200**
Mercury	1,100,000	160,000	78 U	81 U	87 U	**79**
Nickel	270,000,000 {B}	40,000,000 {B}	**31,100**	**28,200**	**24,900**	**30,700**
Selenium	18,000,000 {B}	2,600,000 {B}	391 UJ	809 UJ	874 U*	**1,960**
Silver	17,000,000 {B}	2,500,000 {B}	782 UJ	809 UJ	874 UJ	775 UJ
Thallium	240,000 {B}	35,000 {B}	391 UJ	404 UJ	437 UJ	388 UJ
Tin			156,000 U	162,000 U	175,000 U	155,000 U
Vanadium	10,000,000	750,000	**15,900**	**17,600**	**15,300**	**20,500**
Zinc	1,000,000,000 {B,D}	170,000,000 {B}	**212,000**	**231,000**	**128,000**	**148,000**

See generic notes pages.

TABLE 4-65

CONSTITUENTS IN DOWNGRADIENT GROUNDWATER AT CONCENTRATIONS ABOVE CRITERIA
SECONDARY SETTLING POND

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MDEQ Generic IDW Value	GSI									
			B-7R (5 - 15')					MW-111WT (5.5 - 10.5')				
			7/17/95	3/5/97		9/2/99		7/14/95	6/12/96	3/7/97	9/2/99	5/19/00
			FS	FS	DUP	FS	DUP	FS	FS	FS	FS	FS
SVOCs												
bis(2-Ethylhexyl)phthalate	32	6.0 {A}	--	--	--	--	--	54	--	--	--	--
PCBs, Unfiltered												
PCB-1016	0.20 {J,M,T}	0.50 {J,M,T}	--	--	--	--	--	--	--	--	--	--
PCB-1248	0.20 {J,M,T}	0.50 {J,M,T}	0.34	0.25	0.27	--	--	0.41	--	0.28	--	--
PCB-1260	0.20 {J,M,T}	0.50 {J,M,T}	--	--	--	--	--	--	--	--	--	--
Total Aroclors	0.20 {J,M,T}	0.50 {J,M,T}	0.34	0.25	0.27	--	--	0.41	--	0.28	--	--
PCBs, Filtered												
PCB-1248	0.20 {J,M,T}	0.50 {J,M,T}	--	--	--	--	--	--	--	--	--	--
Total Aroclors	0.20 {J,M,T}	0.50 {J,M,T}	--	--	--	--	--	--	--	--	--	--
Inorganics, Filtered												
Manganese	2,100 {B,G,X}*	2,100 {B,G,X}*	--	--	--	--	--	--	3,910	--	2,200	2,340
Thallium	2.0 {A,B}	3.7 {B,X}	--	--	--	--	--	--	--	--	--	7.6 B

See generic notes pages.

TABLE 4-65

CONSTITUENTS IN DOWNGRADIENT GROUNDWATER AT CONCENTRATIONS ABOVE CRITERIA
SECONDARY SETTLING POND

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic GSI Value	MDEQ Generic IDW Value	GSI										Industrial
			MW-112WT (3.5 - 8.5')							MW-114WT (3.5 - 8.5')			MW-115S1 (20 - 25')
			7/17/95 FS	6/12/96 FS	3/5/97 FS	9/27/96 FS	6/30/99 FS	9/2/99 FS	5/20/00 FS	6/8/96 FS	3/6/97 FS	5/22/00 FS	7/15/95 FS
SVOCs													
bis(2-Ethylhexyl)phthalate	32	6.0 {A}	--	--	--	--	--	--	--	--	--	--	6.4
PCBs, Unfiltered													
PCB-1016	0.20 {J,M,T}	0.50 {J,M,T}	--	--	--	0.28	--	--	--	--	--	--	--
PCB-1248	0.20 {J,M,T}	0.50 {J,M,T}	5.3	0.29	--	--	0.58	--	--	--	--	--	--
PCB-1260	0.20 {J,M,T}	0.50 {J,M,T}	--	--	--	--	--	--	--	--	0.41	--	--
Total Aroclors	0.20 {J,M,T}	0.50 {J,M,T}	5.3	0.29	--	0.28	0.58	--	--	--	0.41	--	--
PCBs, Filtered													
PCB-1248	0.20 {J,M,T}	0.50 {J,M,T}	--	--	--	--	--	--	--	--	--	--	--
Total Aroclors	0.20 {J,M,T}	0.50 {J,M,T}	--	--	--	--	--	--	--	--	--	--	--
Inorganics, Filtered													
Manganese	2,100 {B,G,X}*	2,100 {B,G,X}*	--	--	--	--	--	--	--	--	--	--	--
Thallium	2.0 {A,B}	3.7 {B,X}	--	--	--	--	--	--	5.9 B	--	--	--	--

See generic notes pages.

TABLE 4-66

CONSTITUENTS IN DOWNGRADIENT GROUNDWATER AT CONCENTRATIONS ABOVE CRITERIA
SOUTHERN DRAINAGE CHANNELS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

			Residential								Industrial			
			MW-121WT (3.5 - 13.5')		MW-122W (2 - 12')	MW-122S1 (18.1 - 23.1')		X-14B 21.3 - 24.3'	X-14CAUG (26 - 31')		MW-3B (23 - 28')	MW-119WT (2 - 12')		
Constituents (ug/L)	MDEQ Generic RDW Value	MDEQ Generic IDW Value	7/18/95 FS	6/4/96 FS	7/18/95 FS	7/18/95 FS	6/4/96 FS	7/18/95 FS	7/18/95 FS	6/4/96 FS	7/27/95 FS	7/17/95 FS	6/10/96 FS	6/10/96 DUP
SVOCs														
bis(2-Ethylhexyl)phthalate	6.0 {A}	6.0 {A}	--	--	--	--	--	--	--	6.8 J	--	--	--	--
Inorganics														
Aluminum	240 {B,V}*	240 {B,V}*	--	--	--	--	--	--	--	--	--	--	--	--
Iron	13,000 {B,E}*	13,000 {B,E}*	22,700	20,200 J	16,600	14,600	14,300 J	13,400	--	--	14,000	13,700	14,700 J	14,600 J
Manganese	2,100 {B,E}*	2,100 {B,E}*	--	--	--	--	--	--	--	--	--	--	--	--
Sodium	120,000	350,000	--	--	--	--	--	--	131,000	--	--	--	--	--
Thallium	2.0 {A,B}	2.0 {A,B}	--	--	--	--	--	--	--	--	--	--	--	--

See generic notes pages.

TABLE 4-66

CONSTITUENTS IN DOWNGRADIENT GROUNDWATER AT CONCENTRATIONS ABOVE CRITERIA
SOUTHERN DRAINAGE CHANNELS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MDEQ Generic IDW Value	Industrial							
			MW-120WT (4 - 14')		MW-128WT (3 - 13')			MW-128S1 (18.5 - 23.5')		
			7/18/95 FS	6/11/96 FS	7/26/95 FS	3/12/97 FS	5/19/00 FS	7/26/95 FS	3/12/97 FS	5/19/00 FS
SVOCs										
bis(2-Ethylhexyl)phthalate	6.0 {A}	6.0 {A}	--	--	--	--	--	--	--	--
Inorganics										
Aluminum	240 {B,V}*	240 {B,V}*	--	--	448	--	--	502	--	--
Iron	13,000 {B,E}*	13,000 {B,E}*	17,300	15,500	24,500	--	20,100	31,900	--	22,000
Manganese	2,100 {B,E}*	2,100 {B,E}*	--	--	--	--	2,170	--	--	--
Sodium	120,000	350,000	--	--	720,000	--	--	582,000	--	515,000
Thallium	2.0 {A,B}	2.0 {A,B}	--	--	--	--	6.9 B	--	--	6.2 B

See generic notes pages.

Drum Remediation Area (DRA) Analytical Data

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 4-67

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR SOIL IN THE DRA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	MW-126WT (14 - 16') 2/8/95 FS	TP-12 (7.5 - 8') 3/23/95 FS	TP-2 (8 - 8.5') 3/23/95 FS	TP-6 (8 - 8.5') 3/22/95 FS	WMB-1 (3 - 3.5') 1/22/97 FS	WMB-2 (3 - 3.5') 1/22/97 FS	WMB-3 (5 - 5.5') 1/22/97 FS	WMB-4 (0.5 - 1') 1/22/97 FS	WMB-5 (0.5 - 1') 1/22/97 FS	WMB-6 (4 - 4.5') 1/22/97 FS
1,1,1,2-Tetrachloroethane	440,000 {C}	6,400	5.7 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
1,1,1-Trichloroethane	460,000 {C}	4,000	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
1,1,2,2-Tetrachloroethane	370,000	700	5.7 U	740 UJ	6.3 U	38,000 UJ	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
1,1,2-Trichloroethane	920,000 {C}	100	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
1,1-Dichloroethane	890,000 {C}	50,000	**5.8**	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
1,1-Dichloroethene	570,000 {C,I}	140 {I}	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
1,2,3-Trichloropropane	830,000 {C}	2,400	5.7 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
1,2-Dibromo-3-chloropropan	1,200 {C}	4.0 {M}	11 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
1,2-Dibromoethane	660	10 {M}	5.7 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
1,2-Dichlorobenzene	210,000 {C}	14,000	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
1,2-Dichloroethane	640,000 {I}	100 {I}	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
1,2-Dichloroethene, Total	640,000 {C}	1,400	**25**	740 U	6.3 U	38,000 U	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
1,2-Dichloropropane	550,000 {C,I}	100 {I}	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
1,3-Dichlorobenzene	170,000 {C}	480	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
1,4-Dichlorobenzene	2,900,000	1,700	5.7 U	740 U	6.3 U	4,100 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
1,4-Dioxane	3,700,000 {I}	7,000 {I}	1,100 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
2-Butanone	27,000,000 {C,I,AD}	760,000 {I}	57 U	7,400 UJ	63 UJ	77,000 UJ	*59 U*	*71 U*	*61 U*	*72 U*	*69 U*	*68 U*
2-Chloro-1,3-butadiene			5.7 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
2-Hexanone	2,500,000 {C}	58,000	57 U	7,400 UJ	63 U	380,000 UJ	*59 U*	*71 U*	*61 U*	*72 U*	*69 U*	*68 U*
3-Chloro-1-propene			5.7 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
4-Methyl-2-pentanone	2,700,000 {C,I}	100,000 {I}	57 U	7,400 UJ	63 U	380,000 UJ	*59 U*	*71 U*	*61 U*	*72 U*	*69 U*	*68 U*
Acetone	110,000,000 {I}	42,000 {I}	20 U	7,400 U	11 UJ	380,000 U	*59 U*	*71 U*	*61 U*	*72 U*	*69 U*	*68 U*
Acetonitrile	21,000,000	8,000	57 UJ	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Acrolein	18,000,000 {I}	6,600 {I}	57 UJ	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Acrylonitrile	110,000 {I}	220 {I}	57 UJ	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Benzene	400,000 {C,I}	100 {I}	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Bromodichloromethane	750,000	2,000 {W}	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Bromoform	870,000 {C}	2,000 {W}	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Bromomethane	1,600,000	580	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Carbon disulfide	280,000 {C,I,R,AD}	46,000 {I,R}	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Carbon tetrachloride	390,000 {C}	100	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Chlorobenzene	260,000 {C,I}	2,000 {I}	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Chlorodibromomethane	610,000 {C}	2,000 {W}	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Chloroethane	950,000 {C}	34,000	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Chloroform	1,500,000 {C}	2,000 {W}	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Chloromethane	1,100,000 {C,I}	22,000 {I}	5.7 U	740 U	6.3 UJ	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
cis-1,2-Dichloroethene	640,000 {C}	1,400	**25**	740 U	6.3 U	38,000 U	***7.4***	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
cis-1,3-Dichloropropene	620,000 {C}	1,300	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*

See generic notes pages.

TABLE 4-67

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR SOIL IN THE DRA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	MW-126WT (14 - 16') 2/8/95 FS	TP-12 (7.5 - 8') 3/23/95 FS	TP-2 (8 - 8.5') 3/23/95 FS	TP-6 (8 - 8.5') 3/22/95 FS	WMB-1 (3 - 3.5') 1/22/97 FS	WMB-2 (3 - 3.5') 1/22/97 FS	WMB-3 (5 - 5.5') 1/22/97 FS	WMB-4 (0.5 - 1') 1/22/97 FS	WMB-5 (0.5 - 1') 1/22/97 FS	WMB-6 (4 - 4.5') 1/22/97 FS
Dibromomethane	2,000,000 {C}	4,600	5.7 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Dichlorodifluoromethane	1,000,000 {C}	270,000	5.7 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Ethylbenzene	140,000 {C,I}	1,500 {I}	5.7 U	740 U	**3.9 J**	**170,000**	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Iodomethane			11 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Isobutyl alcohol	8,900,000 {C,I}	130,000 {I}	570 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Methacrylonitrile			23 UJ	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Methyl methacrylate			5.7 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Methylene chloride	2,300,000 {C}	100	**18**	740 U	**16**	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Propionitrile			23 UJ	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Pyridine	37,000 {C,I}	420 {I}	190 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Styrene	520,000 {C}	2,700	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Tetrachloroethene	88,000 {C}	100	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Toluene	250,000 {C,I}	16,000 {I}	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
trans-1,2-Dichloroethene	1,400,000 {C}	2,000	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
trans-1,3-Dichloropropene	620,000 {C}	1,300	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
trans-1,4-Dichloro-2-butene			5.7 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Trichloroethene	500,000 {C}	100	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Trichlorofluoromethane	560,000 {C}	150,000	5.7 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Vinyl acetate	2,400,000 {C,I,AD}	36,000 {I}	57 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
Vinyl chloride	29,000	40	5.7 U	740 U	6.3 U	38,000 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
Xylenes, Total	150,000 {C,I}	5,600 {I}	5.7 U	740 U	**14**	**1,300,000**	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*

See generic notes pages.

TABLE 4-68

TCL AND APPENDIX IX SVOC ANALYTICAL RESULTS FOR SOIL IN THE DRA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	MW-126WT (14 - 16') 2/8/95 FS	TP-2 (8 - 8.5') 3/23/95 FS	TP-6 (8 - 8.5') 3/22/95 FS	TP-12 (7.5 - 8') 3/23/95 FS	WMB-1 (3 - 3.5') 1/22/97 FS	WMB-2 (3 - 3.5') 1/22/97 FS	WMB-3 (5 - 5.5') 1/22/97 FS	WMB-4 (0.5 - 1') 1/22/97 FS	WMB-5 (0.5 - 1') 1/22/97 FS	WMB-6 (4 - 4.5') 1/22/97 FS
1,2,4,5-Tetrachlorobenzene	380,000,000 {D}	1,500,000	190 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	4,200	190 U	84,000 U	4,100 U	24,000 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
1,2-Dichlorobenzene	210,000 {C}	14,000	5.7 U	6.3 U	38,000 U	740 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
1,3,5-Trinitrobenzene			R	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
1,3-Dichlorobenzene	170,000 {C}	480	5.7 U	6.3 U	38,000 U	740 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
1,3-Dinitrobenzene			190 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
1,4-Dichlorobenzene	2,900,000	1,700	5.7 U	6.3 U	4,100 U	740 U	*5.9 U*	*7.1 U*	*6.1 U*	*7.2 U*	*6.9 U*	*6.8 U*
1,4-Naphthoquinone			3,800 UJ	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
1-Naphthylamine			190 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
2,2'-oxybis(dichloropropane)			190 U	84,000 U	4,100 U	24,000 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
2,3,4,6-Tetrachlorophenol			910 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
2,4,5-Trichlorophenol	110,000,000	110,000	190 U	84,000 U	4,100 U	24,000 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
2,4,6-Trichlorophenol	5,000,000	9,400	190 U	84,000 U	4,100 U	24,000 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
2,4-Dichlorophenol	1,800,000 {C,AD}	4,200	190 U	84,000 U	4,100 U	24,000 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
2,4-Dimethylphenol	56,000,000	20,000	190 U	84,000 U	4,100 U	24,000 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
2,4-Dinitrophenol			910 U	410,000 U	20,000 U	110,000 U	*940 U*	*1,100 U*	*970 U*	*1,100 U*	*1,100 U*	*1,100 U*
2,4-Dinitrotoluene	340,000	640	190 U	84,000 U	4,100 U	24,000 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
2,4-Toluenediamine			190 UJ	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
2,6-Dichlorophenol			190 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
2,6-Dinitrotoluene			190 U	84,000 U	4,100 U	24,000 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
2-Acetylaminofluorene			380 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
2-Chloronaphthalene	280,000,000	1,800,000	190 U	84,000 U	4,100 U	24,000 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
2-Chlorophenol	6,900,000	2,600	190 U	84,000 U	4,100 U	24,000 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
2-Methylnaphthalene	40,000,000	170,000	190 U	**9,400 J**	**3,700 J**	**8,000 J**	*190 U*	*230 U*	***75 J***	*240 U*	*230 U*	*220 U*
2-Methylphenol	56,000,000 {J}	20,000 {J}	190 U	84,000 U	4,100 U	24,000 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
2-Naphthylamine			190 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
2-Nitroaniline			910 U	410,000 U	20,000 U	110,000 U	*940 U*	*1,100 U*	*970 U*	*1,100 U*	*1,100 U*	*1,100 U*
2-Nitrophenol	3,100,000	1,200	190 U	84,000 U	4,100 U	24,000 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
2-Picoline			380 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
3,3'-Dichlorobenzidine	47,000	2,000 {M}	380 U	170,000 U	8,100 U	47,000 U	*390 U*	*470 U*	*400 U*	*470 U*	*460 U*	*450 U*
3,3'-Dimethylbenzidine			910 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
3-Methylcholanthrene			1,900 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
3-Methylphenol	56,000,000 {J}	20,000 {J}	190 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
3-Nitroaniline			910 U	410,000 U	20,000 U	110,000 U	*940 U*	*1,100 U*	*970 U*	*1,100 U*	*1,100 U*	*1,100 U*
4,6-Dinitro-2-methylphenol	390,000	1,700 {M}	910 U	410,000 U	20,000 U	110,000 U	*940 U*	*1,100 U*	*970 U*	*1,100 U*	*1,100 U*	*1,100 U*
4-Aminobiphenyl			910 U	NA	NA	NA	*NA*	*NA*	*NA*	*NA*	*NA*	*NA*
4-Bromophenyl phenyl ether			190 U	84,000 U	4,100 U	24,000 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*

See generic notes pages.

TABLE 4-68

TCL AND APPENDIX IX SVOC ANALYTICAL RESULTS FOR SOIL IN THE DRA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	MW-126WT (14 - 16') 2/8/95 FS	TP-2 (8 - 8.5') 3/23/95 FS	TP-6 (8 - 8.5') 3/22/95 FS	TP-12 (7.5 - 8') 3/23/95 FS	WMB-1 (3 - 3.5') 1/22/97 FS	WMB-2 (3 - 3.5') 1/22/97 FS	WMB-3 (5 - 5.5') 1/22/97 FS	WMB-4 (0.5 - 1') 1/22/97 FS	WMB-5 (0.5 - 1') 1/22/97 FS	WMB-6 (4 - 4.5') 1/22/97 FS
4-Chloro-3-methylphenol	22,000,000	16,000	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
4-Chloroaniline			190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
4-Chlorophenyl phenyl ether			190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
4-Methylphenol	56,000,000 {J}	20,000 {J}	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
4-Nitroaniline			910 U	410,000 U	20,000 U	110,000 U	940 U	1,100 U	970 U	1,100 U	1,100 U	1,100 U
4-Nitrophenol			910 U	410,000 U	20,000 U	110,000 U	940 U	1,100 U	970 U	1,100 U	1,100 U	1,100 U
4-Nitroquinoline1-oxide			1,900 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
5-Nitro-o-toluidine			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
7,12-Dimethylbenz(a)anthracene			1,900 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acenaphthene	200,000,000	880,000	190 U	**57,000 J**	**510 J**	**3,700 J**	190 U	230 U	200 U	240 U	230 U	220 U
Acenaphthylene	8,000,000	17,000	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
Acetophenone	1,100,000 {C}	88,000	190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
alpha,alpha-Dimethyl phenethylamine			1,800 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Aniline	2,300,000	4,400	190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Anthracene	1,000,000,000 {D}	41,000	190 U	**190,000**	**740 J**	**5,800 J**	190 U	***77 J***	200 U	240 U	230 U	220 U
Aramite			910 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzidine	1,000 {M}	1,000 {M}	190 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzo(a)anthracene	100,000 {Q}	NLL {Q}	190 U	**630,000**	**1,700 J**	**19,000 J**	***140 J***	***250***	200 U	***55 J***	230 U	220 U
Benzo(a)pyrene	10,000 {Q}	NLL {Q}	190 U	**600,000**	**1,400 J**	**17,000 J**	***210***	***270***	200 U	***84 J***	230 U	220 U
Benzo(b)fluoranthene	100,000 {Q}	NLL {Q}	190 U	**680,000**	**2,200 J**	**20,000 J**	***240***	***340***	200 U	***96 J***	230 U	220 U
Benzo(g,h,i)perylene	9,100,000	NLL	190 UJ	**360,000**	**950 J**	**11,000 J**	***180 J***	***170 J***	200 U	***53 J***	230 U	220 U
Benzo(k)fluoranthene	1,000,000 {Q}	NLL {Q}	190 U	**230,000**	**750 J**	**6,200 J**	***90 J***	***150 J***	200 U	240 U	230 U	220 U
Benzyl alcohol	5,800,000 {C}	580,000	190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
bis(2-Chloroethoxy)methane			190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
bis(2-Chloroethyl)ether	89,000 {I}	330 {I,M}	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	NLL	190 U	84,000 U	**7,400**	**11,000 J**	190 U	***110 J***	200 U	240 U	230 U	220 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
Carbazole	3,700,000	39,000	190 U	**97,000**	4,100 U	**3,200 J**	190 U	230 U	200 U	240 U	230 U	220 U
Chrysene	10,000,000 {Q}	NLL {Q}	190 U	**620,000**	**2,200 J**	**27,000**	***180 J***	***210 J***	200 U	***72 J***	230 U	220 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	200 U	84,000 U	**3,400 J**	**4,600 J**	190 U	230 U	200 U	240 U	230 U	220 U
Di-n-octyl phthalate	28,000,000	140,000,000 {C}	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
Diallate			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dibenz(a,h)anthracene	10,000 {Q}	NLL {Q}	190 UJ	**87,000**	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
Dibenzofuran	ID	ID	190 U	**42,000 J**	**560 J**	**3,100 J**	190 U	230 U	200 U	240 U	230 U	220 U
Diethyl phthalate	740,000 {C}	320,000	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
Diphenylamine			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl methacrylate			5.7 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethyl methanesulfonate			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA

See generic notes pages

TABLE 4-68

TCL AND APPENDIX IX SVOC ANALYTICAL RESULTS FOR SOIL IN THE DRA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	MW-126WT (14 - 16') 2/8/95 FS	TP-2 (8 - 8.5') 3/23/95 FS	TP-6 (8 - 8.5') 3/22/95 FS	TP-12 (7.5 - 8') 3/23/95 FS	WMB-1 (3 - 3.5') 1/22/97 FS	WMB-2 (3 - 3.5') 1/22/97 FS	WMB-3 (5 - 5.5') 1/22/97 FS	WMB-4 (0.5 - 1') 1/22/97 FS	WMB-5 (0.5 - 1') 1/22/97 FS	WMB-6 (4 - 4.5') 1/22/97 FS
Fluoranthene	180,000,000	730,000	190 U	1,000,000	4,100	44,000	290	380	200 U	240 U	230 U	220 U
Fluorene	130,000,000	890,000	190 U	43,000 J	1,200 J	5,100 J	190 U	230 U	200 U	240 U	230 U	220 U
Hexachlorobenzene	51,000	1,800	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
Hexachlorobutadiene	350,000 {C}	72,000	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
Hexachlorocyclopentadiene	720,000 {C}	320,000	190 U	84,000 UJ	4,100 UJ	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
Hexachloroethane	1,100,000	1,200	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
Hexachlorophene			190 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA
Hexachloropropene			1,900 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Indeno(1,2,3-cd)pyrene	100,000 {Q}	NLL {Q}	190 U	330,000	880 J	8,900 J	320	350	200 U	240 U	230 U	220 U
Isophorone	2,400,000 {C}	62,000	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
Isosafrole, Total			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methapyrilene			1,900 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl methanesulfonate			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitroso-di-n-propylamine	8,300	330 {M}	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
N-Nitrosodi-n-butylamine			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiethylamine			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodimethylamine			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosodiphenylamine	12,000,000	22,000	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
N-Nitrosomethylethylamine			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosomorpholine			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosopiperidine			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
N-Nitrosopyrrolidine			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Naphthalene	80,000,000	100,000	190 U	38,000 J	19,000	12,000 J	190 U	230 U	200 U	240 U	230 U	220 U
Nitrobenzene	490,000 {C,I}	330 {I,M}	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
o-Toluidine			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Chlorobenzilate			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Dimethylaminoazobenzene			380 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
p-Phenylene diamine			910 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorobenzene	190,000 {C}	81,000	190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloroethane			910 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachloronitrobenzene	8,400,000	37,000	910 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pentachlorophenol	390,000	22	910 U	410,000 U	20,000 U	110,000 U	940 U	1,100 U	970 U	1,100 U	1,100 U	1,100 U
Phenacetin			910 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Phenanthrene	8,000,000	160,000	190 U	630,000	3,600 J	35,000	160 J	300	200 U	240 U	230 U	220 U
Phenol	12,000,000 {C,AD}	260,000	190 U	84,000 U	4,100 U	24,000 U	190 U	230 U	200 U	240 U	230 U	220 U
Pronamide			380 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyrene	110,000,000	480,000	190 U	840,000	2,700 J	38,000	260	340	200 U	100 J	230 U	220 U
Safrole, Total			190 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Tetraethyl Dithiopyrophosphate			910 U	NA	NA	NA	NA	NA	NA	NA	NA	NA

See generic notes pages.

TABLE 4-69

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR SOIL IN THE DRA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	MW-126WT (14 - 16') 2/8/95 FS	TP-2 (8 - 8.5') 3/23/95 FS	TP-6 (8 - 8.5') 3/22/95 FS	TP-12 (7.5 - 8') 3/23/95 FS	WMB-1 (3 - 3.5') 1/22/97 FS	WMB-2 (3 - 3.5') 1/22/97 FS	WMB-3 (5 - 5.5') 1/22/97 FS	WMB-4 (0.5 - 1') 1/22/97 FS	WMB-5 (0.5 - 1') 1/22/97 FS	WMB-6 (4 - 4.5') 1/22/97 FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	190 U	2,100 U	2,100 U	3,900 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
Aroclor-1221	20,000 {J,T}	NLL {J,T}	190 U	2,100 U	2,100 U	3,900 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
Aroclor-1232	20,000 {J,T}	NLL {J,T}	190 U	2,100 U	2,100 U	3,900 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
Aroclor-1242	20,000 {J,T}	NLL {J,T}	190 U	2,100 U	2,100 U	3,900 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
Aroclor-1248	20,000 {J,T}	NLL {J,T}	190 U	2,100 U	**7,900**	**21,000**	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
Aroclor-1254	20,000 {J,T}	NLL {J,T}	190 U	4,200 U	4,100 U	7,900 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
Aroclor-1260	20,000 {J,T}	NLL {J,T}	190 U	4,200 U	4,100 U	7,900 U	*190 U*	*230 U*	*200 U*	*240 U*	*230 U*	*220 U*
Total Aroclors	20,000 {J,T}	NLL {J,T}	ND	ND	**7,900**	**21,000**	*ND*	*ND*	*ND*	*ND*	*ND*	*ND*

See generic notes pages.

TABLE 4-70

PESTICIDE/HERBICIDE AND DIOXIN/FURAN ANALYTICAL RESULTS FOR SOIL IN THE DRA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	MW-126WT (14 - 16') 2/8/95 FS	TP-2 (8 - 8.5') 3/23/95 FS	TP-6 (8 - 8.5') 3/22/95 FS	TP-12 (7.5 - 8') 3/23/95 FS
2,4,5-T			29 U	NA	NA	NA
2,4,5-TP(Silvex)	8,400,000	3,600	29 U	NA	NA	NA
2,4-D	15,000,000	1,400	110 U	NA	NA	NA
4,4'-DDD	540,000	NLL	1.9 U	420 U	410 U	790 U
4,4'-DDE	260,000	NLL	1.9 U	420 U	410 U	790 U
4,4'-DDT	460,000	NLL	1.9 U	420 U	410 U	790 U
Aldrin	5,900	NLL	0.97 U	210 U	210 U	390 U
alpha-BHC	19,000	71	0.97 U	210 UJ	210 UJ	390 UJ
alpha-Chlordane	240,000 {J}	NLL {J}	1.9 U	210 U	210 U	390 U
beta-BHC	38,000	150	0.97 UJ	210 U	210 U	390 U
delta-BHC			0.97 U	210 U	210 U	390 U
Dieldrin	6,400	NLL	1.9 U	420 U	410 U	790 U
Dimethoate			19 U	NA	NA	NA
Dinoseb	140,000 {C,AD}	300	11 UJ	NA	NA	NA
Disulfoton			19 U	NA	NA	NA
Endosulfan I	6,700,000	NLL	1.9 U	210 U	210 U	390 U
Endosulfan II	6,700,000	NLL	1.9 U	420 UJ	410 UJ	790 UJ
Endosulfan sulfate			1.9 U	420 U	410 U	790 U
Endrin aldehyde			1.9 U	420 UJ	410 UJ	790 UJ
Endrin ketone			NA	420 UJ	410 UJ	790 UJ
Endrin	260,000	NLL	1.9 U	420 U	410 U	790 U
Famphur			19 UJ	NA	NA	NA
gamma-BHC (Lindane)	73,000	20 {M}	0.97 U	210 U	210 U	390 U
gamma-Chlordane	24,000,000 {J}	NLL {J}	1.9 U	210 U	210 U	390 U
Heptachlor epoxide	13,000	NLL	0.97 U	210 U	210 U	390 U
Heptachlor	32,000	NLL	0.97 U	210 U	210 U	390 U
Isodrin			9.1 U	NA	NA	NA
Kepone			91 U	NA	NA	NA
Methoxychlor	7,700,000	16,000	29 UJ	2,100 U	2,100 U	3,900 U
Methyl parathion	280,000	130	19 U	NA	NA	NA
O,O,O-Triethylphosphorothioate			19 UJ	NA	NA	NA
Parathion			19 U	NA	NA	NA
Phorate			19 U	NA	NA	NA
Thionazin (Zinophos)			19 U	NA	NA	NA
Toxaphene	120,000	24,000	97 U	10,000 U	10,000 U	20,000 U
2,3,7,8-TCDD	0.99 {O}	NLL {O}	0.00068 U	NA	NA	NA
HxCDDs, Total			0.0019 U	NA	NA	NA
HxCDFs, Total			0.00054 U	NA	NA	NA
PeCDDs, Total			0.0040 U	NA	NA	NA
PeCDFs, Total			0.00073 U	NA	NA	NA
TCDDs, Total			0.0010 U	NA	NA	NA
TCDFs, Total			0.00042 U	NA	NA	NA
2,3,7,8-TCDD TEQ			ND	NA	NA	NA

See generic notes pages.

TABLE 4-71

TAL AND APPENDIX IX INORGANIC ANALYTICAL RESULTS FOR SOIL AT DRA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	MW-126WT (14 - 16') 2/8/95 FS	TP-2 (8 - 8.5') 3/23/95 FS	TP-6 (8 - 8.5') 3/22/95 FS	TP-12 (7.5 - 8') 3/23/95 FS	WMB-1 (3 - 3.5') 1/22/97 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	NA	6,250,000 J	4,920,000 J	3,090,000 J	5,120,000
Antimony	1,200,000	4,300	286 UJ	1,570 U	5,820	224,000	295 U
Arsenic	61,000 {B}	23,000 {B}	2,330 J	30,000	15,700	28,900	2,250
Barium	250,000,000	1,300,000	64,600 J	290,000 J	141,000 J	204,000 J	37,900
Beryllium	3,100,000	51,000	686	1,200	987	828	590 U
Cadmium	4,100,000 {B}	6,000 {B}	78	2,600	1,960	1,380	74 Wa
Calcium			NA	29,000,000	29,300,000	9,760,000	5,750,000
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	23,800	121,000	216,000	321,000	7,960
Cobalt	18,000,000	2,000	9,370	13,500	18,800	27,700	5,900 U
Copper	140,000,000	5,800,000	13,900	6,250,000 J	232,000 J	901,000 J	5,840
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	290 U	NA	NA	NA	180 U
Iron	1,000,000,000 {B,D}	6,000 {B}	NA	62,000,000	15,600,000	26,700,000	6,280,000
Lead	900,000 (draft)	700,000	5,330 J	532,000	3,070,000	1,810,000	3,660
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	NA	2,260,000	6,270,000	1,150,000	1,650,000
Manganese	170,000,000 {B}	1,000 {B}	NA	2,360,000 J	2,810,000 J	3,670,000 J	204,000
Mercury	1,100,000	1,700	57 UJ	753	331	968	59 U
Nickel	270,000,000 {B}	100,000 {B}	20,900	185,000	389,000	959,000	5,280
Potassium			NA	708,000	795,000	591,000 U	827,000
Selenium	18,000,000 {B}	4,000 {B}	286 UJ	3,150 U	3,230	5,910 U	295 U
Silver	17,000,000 {B}	13,000 {B}	286 U	7,690	3,080 U	5,910 U	295 U
Sodium	1,000,000,000 {D}	7,000,000	NA	629,000 U	617,000 U	591,000 U	590,000 UL
Thallium	240,000 {B}	2,300 {B}	286 UW	365	308 UJ	296 UJ	295 U
Tin			114,000 U	NA	NA	NA	NA
Vanadium	10,000,000	990,000	34,100	27,200	29,200	24,800	11,600
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	31,600 J	1,440,000 J	361,000 J	212,000 J	14,700 MBD£

See generic notes pages.

TABLE 4-71

TAL AND APPENDIX IX INORGANIC ANALYTICAL RESULTS FOR SOIL AT DRA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	WMB-2 (3 - 3.5') 1/22/97 FS	WMB-3 (5 - 5.5') 1/22/97 FS	WMB-4 (0.5 - 1') 1/22/97 FS	WMB-5 (0.5 - 1') 1/22/97 FS	WMB-6 (4 - 4.5') 1/22/97 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	***8,300,000***	***4,480,000***	***14,700,000***	***9,990,000***	***7,200,000***
Antimony	1,200,000	4,300	***1,460***	*303 U*	***536***	*346 U*	*340 U*
Arsenic	61,000 {B}	23,000 {B}	***3,680 Wa***	***1,680 Wa***	***5,800***	***6,900***	***4,830***
Barium	250,000,000	1,300,000	***145,000***	***28,800***	***98,800***	***69,900***	***58,700***
Beryllium	3,100,000	51,000	*707 U*	*606 U*	*717 U*	*692 U*	*681 U*
Cadmium	4,100,000 {B}	6,000 {B}	***509 Wb***	***79 Wb***	***341***	***305***	***123***
Calcium			***85,600,000***	***7,250,000***	***18,000,000***	***17,300,000***	***51,900,000***
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	***49,500***	***7,730***	***22,600***	***16,400***	***11,300***
Cobalt	18,000,000	2,000	*7,070 U*	*6,060 U*	*7,170 U*	*6,920 U*	***7,820***
Copper	140,000,000	5,800,000	***104,000***	***6,160***	***18,000***	***13,400***	***6,280***
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	*210 U*	*180 U*	*220 U*	*210 U*	*200 U*
Iron	1,000,000,000 {B,D}	6,000 {B}	***44,600,000***	***6,800,000***	***14,300,000***	***12,000,000***	***11,900,000***
Lead	900,000 (draft)	700,000	***233,000***	***4,110***	***13,400***	***12,400***	***4,430***
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	***6,940,000***	***2,100,000***	***6,860,000***	***6,320,000***	***12,800,000***
Manganese	170,000,000 {B}	1,000 {B}	***1,170,000***	***114,000***	***299,000***	***351,000***	***323,000***
Mercury	1,100,000	1,700	*71 U*	*61 U*	***77***	*69 U*	*68 U*
Nickel	270,000,000 {B}	100,000 {B}	***20,500***	***5,030***	***14,500***	***11,400***	***11,100***
Potassium			***12,100,000***	***721,000***	***2,540,000***	***1,650,000***	***1,320,000***
Selenium	18,000,000 {B}	4,000 {B}	*707 UG*	*303 U*	*359 U*	*346 U*	*340 U*
Silver	17,000,000 {B}	13,000 {B}	*353 U*	*303 U*	*359 U*	*346 U*	*340 U*
Sodium	1,000,000,000 {D}	7,000,000	***925,000***	*606,000 U*	*717,000 U*	*692,000 U*	*681,000 U*
Thallium	240,000 {B}	2,300 {B}	***883 GWa***	*303 U*	*359 U*	*346 U*	*340 U*
Tin			NA	NA	NA	NA	NA
Vanadium	10,000,000	990,000	***21,700***	***9,640***	***32,200***	***23,400***	***21,900***
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	***255,000 MBB***	***24,300 MBD***	***52,800 MBB***	***44,200 MBB***	***23,300 MBD***

See generic notes pages.

TABLE 4-72

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER AT SUPPLEMENTAL DRA GROUNDWATER SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MDEQ Generic RDW Value	MW-126WT (3 - 13') 7/30/95 FS	MW-126WT (3 - 13') 6/6/96 FS	TW-241WT (2 - 7') 8/8/98 FS	TW-242WT (2 - 7') 8/8/98 FS	SB-364 5/18/99 FS	SB-365 5/18/99 FS	SB-366 5/18/99 FS	SB-367 5/18/99 FS	SB-368 5/18/99 FS	SB-369 5/18/99 FS	SB-370 5/18/99 FS
1,1,1,2-Tetrachloroethane	320	77	6.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200 {A}	200 {A}	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
1,1,2,2-Tetrachloroethane	35	8.5	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
1,1,2-Trichloroethane	5.0 {A}	5.0 {A}	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
1,1-Dichloroethane	2,500	880	**210**	**180**	1.0 U	1.0 U	1.0 U	1.0 U	**2.0**	1.0 U	250 UD	**1.0 J**	**6.0 J**
1,1-Dichloroethene	7.0 {A,I}	7.0 {A,I}	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
1,2,3-Trichloropropane	42	42	6.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropan	0.20 {A}	0.20 {A}	R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	1.0 {A,M}	1.0 {A,M}	6.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	600 {A}	6.2 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloroethane	5.0 {A,I}	5.0 {A,I}	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 UJ	1.0 U	250 UD	5.0 UJ	5.0 U
1,2-Dichloroethene, Total	70 {A}	70 {A}	**120**	**220**	1.0 U	**1.5**	2.0 U	2.0 U	9.0 U	2.0 U	**740 D**	**15 J**	**7.0 J**
1,2-Dichloropropane	5.0 {A,I}	5.0 {A,I}	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
1,3-Dichlorobenzene	19	6.6	6.2 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA
1,4-Dichlorobenzene	75 {A}	75 {A}	6.2 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA
1,4-Dioxane	85 {I}	85 {I}	R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	38,000 {I}	13,000 {I}	31 UJ	420 U	50 U	50 U	1.0 U	1.0 U	5.0 U	5.0 U	1,300 UD	5.0 UJ	5.0 U
2-Chloro-1,3-butadiene			6.2 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	2,900	1,000	31 U	420 U	50 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	1,300 UD	1.0 UJ	5.0 UJ
3-Chloro-1-propene			12 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	5,200 {I}	1,800 {I}	31 U	420 U	50 U	50 U	5.0 U	5.0 U	5.0 U	5.0 U	1,300 UD	1.0 UJ	5.0 UJ
Acetone	2,100 {I}	730 {I}	62 UJ	830 U	100 U	100 U	5.0 UJ	5.0 UJ	1.0 U	1.0 UJ	250 UJD	5.0 UJ	5.0 U
Acetonitrile	140	140	62 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	120 {I}	120 {I}	R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	2.6 {I}	2.6 {I}	62 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5.0 {A,I}	5.0 {A,I}	6.2 U	42 U	5.0 U	5.0 U	1.0 U	1.0 U	1.0 U	**2**	250 UD	1.0 UJ	1.0 U
Bromodichloromethane	100 {A,W}	100 {A,W}	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
Bromoform	100 {A,W}	100 {A,W}	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
Bromomethane	29	10	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	250 UD	1.0 UJ	1.0 UJ
Carbon disulfide	2,300 {I,R}	800 {I,R}	NA	NA	NA	NA	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
Carbon tetrachloride	5.0 {A}	5.0 {A}	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
Chlorobenzene	100 {A,I}	100 {A,I}	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
Chlorodibromomethane	100 {A,W}	100 {A,W}	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
Chloroethane	1,700	430	**130**	**40**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	**17 J**	250 UD	1.0 UJ	1.0 UJ
Chloroform	100 {A,W}	100 {A,W}	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
Chloromethane	1,100 {I}	260 {I}	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ	1.0 UJ	250 UD	1.0 UJ	1.0 UJ
cis-1,2-Dichloroethene	70 {A}	70 {A}	**120**	**220**	NA	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,3-Dichloropropene	63	21	6.2 U	8.3 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U

See generic notes pages.

TABLE 4-72

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SUPPLEMENTAL DRA GROUNDWATER SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MDEQ Generic RDW Value	MW-126WT (3 - 13') 7/30/95 FS	MW-126WT (3 - 13') 6/6/96 FS	*TW-241WT (2 - 7') 8/8/98 FS*	*TW-242WT (2 - 7') 8/8/98 FS*	SB-364 5/18/99 FS	SB-365 5/18/99 FS	SB-366 5/18/99 FS	SB-367 5/18/99 FS	SB-368 5/18/99 FS	SB-369 5/18/99 FS	SB-370 5/18/99 FS
Dibromomethane	80	80	6.2 U	NA	*NA*	*NA*	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	1,700	1,700	6.2 U	NA	*NA*	*NA*	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	74 {E,I}	74 {E,I}	6.2 U	8.3 U	*1.0 U*	*1.0 U*	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
Iodomethane			6.2 U	NA	*NA*	*NA*	NA	NA	NA	NA	NA	NA	NA
Isobutyl alcohol	2,300 {I}	2,300 {I}	R	NA	*NA*	*NA*	NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile			6.2 U	NA	*NA*	*NA*	NA	NA	NA	NA	NA	NA	NA
Methyl methacrylate			6.2 U	NA	*NA*	*NA*	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	5.0 {A}	6.2 U	42 U	*5.0 U*	*5.0 U*	5.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	250 UJD	8.0 J	8.0 J
Propionitrile			R	NA	*NA*	*NA*	NA	NA	NA	NA	NA	NA	NA
Pyridine	7.3 {I}	7.3 {I}	10 U	NA	*NA*	*NA*	NA	NA	NA	NA	NA	NA	NA
Styrene	100 {A}	100 {A}	6.2 U	8.3 U	*1.0 U*	*1.0 U*	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 UJ
Tetrachloroethene	5.0 {A}	5.0 {A}	6.2 U	8.3 U	*1.0 U*	*1.0 U*	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
Toluene	790 {E,I}	790 {E,I}	6.2 U	8.3 U	*1.0 U*	*1.0 U*	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
trans-1,2-Dichloroethene	100 {A}	100 {A}	6.2 U	8.3 U	*NA*	*NA*	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	63	21	6.2 U	8.3 U	*1.0 U*	*1.0 U*	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
trans-1,4-Dichloro-2-butene			R	NA	*NA*	*NA*	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5.0 {A}	5.0 {A}	12	17	*1.0 U*	*1.0 U*	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 U
Trichlorofluoromethane	2,600	2,600	6.2 U	NA	*NA*	*NA*	NA	NA	NA	NA	NA	NA	NA
Vinyl acetate	640 {I}	640 {I}	12 U	NA	*NA*	*NA*	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2.0 {A}	2.0 {A}	150	270	*1.0 U*	*1.0 U*	1.0 U	1.0 U	5	1	410 D	22 J	3.0 J
m,p-Xylene			NA	NA	*NA*	*NA*	2.0 U	2.0 U	2.0 U	2.0 U	500 UD	2.0 UJ	2.0 UJ
o-Xylene			NA	NA	*NA*	*NA*	1.0 U	1.0 U	1.0 U	1.0 U	250 UD	1.0 UJ	1.0 UJ
Xylenes, Total	280 {E,I}	280 {E,I}	6.2 U	25 U	*3.0 U*	*3.0 U*	NA	NA	NA	NA	NA	NA	NA

See generic notes pages.

TABLE 4-72

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER AT SUPPLEMENTAL DRA GROUNDWATER SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MDEQ Generic RDW Value	SB-371	SB-372	SB-373	TWW-1					TWW-2	
			5/18/99	5/18/99	5/18/99	1/25/97	8/8/98	5/18/99		5/21/00	1/23/97	
			FS	FS	FS	FS	FS	FS	DUP	FS	FS	DUP
1,1,1,2-Tetrachloroethane	320	77	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200 {A}	200 {A}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	35	8.5	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 UJ	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	5.0 {A}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
1,1-Dichloroethane	2,500	880	**2.0 J**	**38 JD**	**6.0 JD**	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	7.0 {A,I}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	**51 J**	1.0 U	1.0 U
1,2,3-Trichloropropane	42	42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropan	0.20 {A}	0.20 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	1.0 {A,M}	1.0 {A,M}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	600 {A}	NA	NA	NA	5.0 U	200 U	NA	NA	NA	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	5.0 {A,I}	5.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	70 {A}	**23 J**	**310 JD**	10 UJ	NA	**8,000**	**11,000 D**	**10,000 D**	**8,800**	NA	NA
1,2-Dichloropropane	5.0 {A,I}	5.0 {A,I}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
1,3-Dichlorobenzene	19	6.6	NA	NA	NA	5.0 U	200 U	NA	NA	NA	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	75 {A}	NA	NA	NA	5.0 U	200 U	NA	NA	NA	1.0 U	1.0 U
1,4-Dioxane	85 {I}	85 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	38,000 {I}	13,000 {I}	5.0 UJ	50 UJD	25 UJD	17,000 U	2,000 U	1,300 UD	1,300 UD	2,500 U	50 U	50 U
2-Chloro-1,3-butadiene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	2,900	1,000	5.0 UJ	50 UJD	25 UJD	17,000 U	2,000 U	1,300 UD	1,300 UD	2,500 U	50 U	50 U
3-Chloro-1-propene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	5,200 {I}	1,800 {I}	5.0 UJ	50 UJD	25 UJD	17,000 U	2,000 U	1,300 UD	1,300 UD	2,500 U	50 U	50 U
Acetone	2,100 {I}	730 {I}	5.0 UJ	50 UJD	25 UJD	33,000 U	2,000 U	1,300 UJD	1,300 UJD	2,500 U	100 U	100 U
Acetonitrile	140	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	120 {I}	120 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	2.6 {I}	2.6 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5.0 {A,I}	5.0 {A,I}	1.0 UJ	10 UJD	5.0 UJD	1,700 U	1,000 U	250 UD	250 UD	250 U	5.0 U	5.0 U
Bromodichloromethane	100 {A,W}	100 {A,W}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
Bromoform	100 {A,W}	100 {A,W}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
Bromomethane	29	10	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UJD	250 UD	250 U	1.0 U	1.0 U
Carbon disulfide	2,300 {I,R}	800 {I,R}	1.0 UJ	10 UJD	5.0 UJD	17,000 U	1,000 U	250 UD	250 UD	250 U	50 U	50 U
Carbon tetrachloride	5.0 {A}	5.0 {A}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	100 {A,I}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	100 {A,W}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
Chloroethane	1,700	430	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UJD	250 UD	250 U	1.0 U	1.0 U
Chloroform	100 {A,W}	100 {A,W}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
Chloromethane	1,100 {I}	260 {I}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UJD	250 UD	250 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	70 {A}	NA	NA	NA	**9,600**	NA	NA	NA	**8,800**	1.0 U	1.0 U
cis-1,3-Dichloropropene	63	21	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U

See generic notes pages.

TABLE 4-72

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT SUPPLEMENTAL DRA GROUNDWATER SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MDEQ Generic RDW Value	SB-371 5/18/99 FS	SB-372 5/18/99 FS	SB-373 5/18/99 FS	TWW-1 1/25/97 FS	TWW-1 8/8/98 FS	TWW-1 5/18/99 FS	TWW-1 5/18/99 DUP	TWW-1 5/21/00 FS	TWW-2 1/23/97 FS	TWW-2 1/23/97 DUP
Dibromomethane	80	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	1,700	1,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	74 {E,I}	74 {E,I}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
Iodomethane			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isobutyl alcohol	2,300 {I}	2,300 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl methacrylate			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	5.0 {A}	5.0 UJ	54 JD	25 UJD	1,700 U	1,000 U	1,250 UJD	1,300 UJD	250 U	5.0 U	5.0 U
Propionitrile			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	7.3 {I}	7.3 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100 {A}	100 {A}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	5.0 {A}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
Toluene	790 {E,I}	790 {E,I}	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	100 {A}	NA	NA	NA	330 U	NA	NA	NA	40 J	1.0 U	1.0 U
trans-1,3-Dichloropropene	63	21	1.0 UJ	10 UJD	5.0 UJD	330 U	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
trans-1,4-Dichloro-2-butene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5.0 {A}	5.0 {A}	1.0 UJ	10 UJD	5.0 UJD	630	200 U	250 UD	250 UD	250 U	1.0 U	1.0 U
Trichlorofluoromethane	2,600	2,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl acetate	640 {I}	640 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2.0 {A}	2.0 {A}	2.0 J	370 JD	97 JD	2,000	1,700	330 D	390 D	2,300	1.0 U	1.0 U
m,p-Xylene			2.0 UJ	20 UJD	10 UJD	NA	NA	500 UD	500 UD	NA	NA	NA
o-Xylene			1.0 UJ	10 UJD	5.0 UJD	NA	NA	250 UD	250 UD	NA	NA	NA
Xylenes, Total	280 {E,I}	280 {E,I}	NA	NA	NA	1,000 U	600 U	NA	NA	250 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-73

TCL VOC ANALYTICAL RESULTS FOR DRAIN PIPE WATER
AT SUPPLEMENTAL DRA TEST PIT INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	*DRA-PIPE West 10/10/00 FS*	*DRA-PIPE East 10/10/00 FS*
1,1,1-Trichloroethane	200 {A}	*1.7 U*	*5.0 U*
1,1,2,2-Tetrachloroethane	35	*1.7 U*	*5.0 U*
1,1,2-Trichloroethane	5.0 {A}	*1.7 U*	*5.0 U*
1,1-Dichloroethane	2,500	***2.0***	***3.0 J***
1,1-Dichloroethene	7.0 {A,I}	*1.7 U*	*5.0 U*
1,2-Dichloroethane	5.0 {A,I}	*1.7 U*	*5.0 U*
1,2-Dichloroethene, Total	70 {A}	***50***	***170***
1,2-Dichloropropane	5.0 {A,I}	*1.7 U*	*5.0 U*
2-Butanone	38,000 {I}	*17 U*	*50 U*
2-Hexanone	2,900	*17 U*	*50 U*
4-Methyl-2-pentanone	5,200 {I}	*8.4 U*	*25 U*
Acetone	2,100 {I}	***5.0 JB***	***7.0 JB***
Benzene	5.0 {A,I}	*1.7 U*	*5.0 U*
Bromodichloromethane	100 {A,W}	*1.7 U*	*5.0 U*
Bromoform	100 {A,W}	*1.7 U*	*5.0 U*
Bromomethane	29	*1.7 U*	*5.0 U*
Carbon disulfide	2,300 {I,R}	*1.7 U*	*5.0 U*
Carbon tetrachloride	5.0 {A}	*1.7 U*	*5.0 U*
Chlorobenzene	100 {A,I}	*1.7 U*	*5.0 U*
Chlorodibromomethane	100 {A,W}	*1.7 U*	*5.0 U*
Chloroethane	1,700	*1.7 U*	*5.0 U*
Chloroform	100 {A,W}	*1.7 U*	*5.0 U*
Chloromethane	1,100 {I}	*1.7 U*	*5.0 U*
cis-1,2-Dichloroethene	70 {A}	***49***	***170***
cis-1,3-Dichloropropene	63	*1.7 U*	*5.0 U*
Ethylbenzene	74 {E,I}	*1.7 U*	*5.0 U*
Methylene chloride	5.0 {A}	***0.42 JB***	***1.0 JB***
Styrene	100 {A}	*1.7 U*	*5.0 U*
Tetrachloroethene	5.0 {A}	*1.7 U*	*5.0 U*
Toluene	790 {E,I}	***0.25 J***	*5.0 U*
trans-1,2-Dichloroethene	100 {A}	***0.47 J***	***1.0 J***
trans-1,3-Dichloropropen	63	*1.7 U*	*5.0 U*
Trichloroethene	5.0 {A}	***0.48 J***	*5.0 U*
Vinyl chloride	2.0 {A}	***37***	***80***
Xylenes, Total	280 {E,I}	*1.7 U*	*5.0 U*

See generic notes pages.

TABLE 4-74

TCL PCB ANALYTICAL RESULTS FOR DRAIN PIPE WATER
AT SUPPLEMENTAL DRA TEST PIT INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic Industrial Value	*DRA-PIPE West 10/10/00 FS*	*DRA-PIPE East 10/10/00 FS*
Aroclor-1016	0.50 {A,J,T}	*0.50 U*	*0.50 U*
Aroclor-1221	0.50 {A,J,T}	*0.50 U*	*0.50 U*
Aroclor-1232	0.50 {A,J,T}	*0.50 U*	*0.50 U*
Aroclor-1242	0.50 {A,J,T}	*0.50 U*	*0.50 U*
Aroclor-1248	0.50 {A,J,T}	*0.50 U*	*0.50 U*
Aroclor-1254	0.50 {A,J,T}	*0.50 U*	*0.50 U*
Aroclor-1260	0.50 {A,J,T}	*0.50 U*	*0.50 U*
Total Aroclors	0.50 {A,J,T}	*ND*	*ND*

See generic notes pages.

TABLE 4-75

TAL INORGANIC ANALYTICAL RESULTS FOR DRAIN PIPE WATER
AT SUPPLEMENTAL DRA TEST PIT INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic Industrial Value	*DRA-PIPE West 10/10/00 FS*	*DRA-PIPE East 10/10/00 FS*
Inorganics, Filtered			
Aluminum	240 {B,V}*	*100 U*	*100 U*
Antimony	6.0 {A}	*5.0 U*	*5.0 U*
Arsenic	50 {A,B}	*10 U*	*10 U*
Barium	2,000 {A}	***138***	***131***
Beryllium	4.0 {A}	*4.0 U*	*4.0 U*
Cadmium	5.0 {A,B}	*1.0 U*	*1.0 U*
Calcium		***398,000***	***403,000***
Chromium	100 {A,B,H}	*5.0 U*	***1.0 B***
Cobalt	100	***3.0 B***	*40 U*
Copper	1,000 {E}	*25 U*	*25 U*
Iron	13,000 {B,E}*	***1,020***	*100 U*
Lead	6.0 {L}*	*3.0 U*	*3.0 U*
Magnesium	1,100,000 {B}	***95,400***	***135,000***
Manganese	2,100 {B,E}*	***5,730***	***2,810***
Mercury	2.0 {A}	*0.20 U*	*0.20 U*
Nickel	100 {A,B}	***34 B***	***11 B***
Potassium		***7,660***	***22,800***
Selenium	50 {A,B}	*5.0 U*	*5.0 U*
Silver	98 {B}	*5.0 U*	*5.0 U*
Sodium	350,000	***114,000***	***272,000***
Thallium	2.0 {A,B}	*10 U*	*10 U*
Vanadium	62	*50 U*	*50 U*
Zinc	20,000 {B,E}*	***18 B***	***77***

See generic notes pages.

Green Point Landfill Analytical Data

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TABLE 4-76

LEACHATE ASSESSMENT PARAMETER ANALYTICAL RESULTS FOR GROUNDWATER
AT GREEN POINT LANDFILL LEACHATE ASSESSMENT SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MW-117WT (3 - 13') 7/14/95 FS	MW-117S1 (24.2 - 29.2') 7/14/95 FS	MW-117S2 (35 - 40') 7/14/95 FS	MW-118WT (1.6 - 11.6') 7/14/95 FS	MW-118S1 (23.5 - 28.5') 7/14/95 FS	MW-118S2 (38.5 - 43.5') 7/14/95 FS	X-3AR (7.6 - 17.6') 7/14/95 FS	X-3BR (31 - 36') 7/15/95 FS	X-3CAUG (46.5 - 51.5') 7/14/95 FS	X-3CAUG (46.5 - 51.5') 7/14/95 DUP
Alkalinity, Carbonate	20,000 U	20,000 U	20,000 U	20,000 U	20,000 U	20,000 U	10,000 U	10,000 U	10,000 U	20,000 U
Biochemical Oxygen Demand (BOD)	**29,000**	**10,000**	**6,000 J**	**4,000 J**	**7,000**	2,000 UJ	**54,000**	**11,000**	**3,000 J**	**3,000 J**
Chemical Oxygen Demand (COD)	**520,000**	**73,000**	20,000 U	**530,000**	**75,000**	**50,000**	**1,100,000**	**23,000**	**55,000**	**38,000**
Chloride	**4,600,000**	**230,000**	**320,000**	**3,700,000**	**260,000**	**360,000**	**9,900,000**	**230,000**	**390,000**	**330,000**
Hardness, Total	**6,200,000**	**650,000**	**640,000**	**7,600,000**	**560,000**	**530,000**	5,000 U	**570,000**	**510,000**	**480,000**
Nitrogen, Ammonia	**30,000 J**	1,000 UJ	1,000 UJ	**10,000 J**	**4,800 J**	1,000 UJ	**380,000 J**	1,000 U	**2,800 J**	1,000 UJ
Phenolics	**44**	**25**	**35**	**25**	20 U	20 U	**140**	**25**	**71**	**35**
Phosphorous, Total	100 U	**200**	**1,200**	100 U	**200**	100 U	100 U	**200**	**100**	100 U
Solids, Filterable	**11,000,000**	**990,000**	**1,100,000**	**1,400,000**	**8,000,000**	**1,200,000**	**26,000,000**	**1,000,000**	**1,000,000**	**1,100,000**
Solids, Total Suspended	**240,000**	**64,000**	**62,000**	**220,000**	**31,000**	**36,000**	**470,000**	**33,000**	**30,000**	**19,000**

See generic notes pages.

TABLE 4-76

LEACHATE ASSESSMENT PARAMETER ANALYTICAL RESULTS FOR GROUNDWATER
AT GREEN POINT LANDFILL LEACHATE ASSESSMENT SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	X-5A (8.9 - 11.9') 7/19/95 FS	X-5B (15.4 - 18.4') 7/19/95 FS	X-5CR (40 - 45') 7/19/95 FS	X-6A (40 - 45') 9/26/95 FS	X-6B (70 - 75') 9/26/95 FS	X-7BR (22 - 27') 7/19/95 FS	X-7CAUG (34 - 39') 7/19/95 FS	X-7DAUG (46 - 51') 7/19/95 FS
Alkalinity, Carbonate	5,000 U	5,000 U	5,000 U	50,000 U	50,000 U	5,000 U	5,000 U	5,000 U
Biochemical Oxygen Demand (BOD)	**10,000**	**30,000**	**3,000**	**130,000**	**64,000**	**19,000**	**15,000**	**10,000**
Chemical Oxygen Demand (COD)	**180,000**	**680,000**	**10,000**	**2,300,000**	**3,800,000**	**340,000**	**29,000**	10,000 U
Chloride	**840,000**	**1,600,000**	**59,000**	**1,000,000**	**1,400,000**	**7,200,000**	**220,000**	**340,000**
Hardness, Total	**840,000**	**430,000**	**540,000**	**4,000,000**	**3,000,000**	**11,000,000**	**500,000**	**460,000**
Nitrogen, Ammonia	1,000 U	**4,800**	**1,700**	**380,000**	**280,000**	**60,000**	**34,000**	**3,000**
Phenolics	20 UJ	**36**	20 UJ	**110**	**130**	20 U	20 U	20 U
Phosphorous, Total	**600**	**400**	**400**	**13,000**	**5,800**	100 U	**200**	100 U
Solids, Filterable	**2,400,000**	**4,500,000**	**860,000**	**5,400,000**	**5,300,000**	**16,000,000**	**900,000**	**1,300,000**
Solids, Total Suspended	**56,000**	4,000 U	**28,000**	**210,000,000**	**47,000,000**	**290,000**	**8,000**	4,000 U

See generic notes pages.

Former UST #7
Analytical Data

BLASLAND, BOUCK & LEE, INC.
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Former UST #7
Analytical Data

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TABLE 4-77

TCL VOC AND LEAD ANALYTICAL RESULTS FOR SOIL
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	BBL-MW1 (4 - 6') 5/2/96 FS	BBL-MW2 (4 - 6') 5/2/96 FS	BBL-MW3 (6 - 8') 5/2/96 FS	BBL-MW4 (4 - 6') 5/3/96 FS	BBL-MW5 (4 - 6') 5/3/96 FS	BBL-SB1 (4 - 6') 5/6/96 FS	BBL-SB1 (8 - 10') 5/6/96 FS
1,1,1-Trichloroethane	460,000 {C}	4,000	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
1,1,2,2-Tetrachloroethane	370,000	700	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
1,1,2-Trichloroethane	920,000 {C}	100	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
1,1-Dichloroethane	890,000 {C}	50,000	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
1,1-Dichloroethene	570,000 {C,I}	140 {I}	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
1,2,4-Trimethylbenzene	110,000 {C,I}	2,100 {I}	**23**	R	**38,000 J**	R	R	R	**62,000**
1,2-Dichlorobenzene	210,000 {C}	14,000	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
1,2-Dichloroethane	640,000 {I}	100 {I}	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
1,2-Dichloropropane	550,000 {C,I}	100 {I}	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
1,3,5-Trimethylbenzene	94,000 {C,I}	1,800 {I}	**27**	R	**7,700 J**	R	R	R	**18,000**
1,3-Dichlorobenzene	170,000 {C}	480	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
1,4-Dichlorobenzene	2,900,000	1,700	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
2-Butanone	27,000,000 {C,I,AD}	760,000 {I}	130 U	58 U	10,000 U	**3.4 J**	**3.8 J**	**3.6 J**	35,000 U
2-Hexanone	2,500,000 {C}	58,000	130 U	58 U	10,000 U	55 UJ	56 U	57 U	35,000 U
4-Methyl-2-pentanone	2,700,000 {C,I}	100,000 {I}	130 U	58 U	10,000 U	55 UJ	56 U	57 U	35,000 U
Acetone	110,000,000 {I}	42,000 {I}	130 U	58 U	10,000 U	**4.1 J**	**39 J**	**40 J**	35,000 U
Benzene	400,000 {C,I}	100 {I}	13 U	**3.0 J**	**7,300 J**	5.5 UJ	5.6 U	5.7 U	3,500 U
Bromodichloromethane	750,000	2,000 {W}	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Bromoform	870,000 {C}	2,000 {W}	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Bromomethane	1,600,000	580	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Carbon disulfide	280,000 {C,I,R,AD}	46,000 {I,R}	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Carbon tetrachloride	390,000 {C}	100	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Chlorobenzene	260,000 {C,I}	2,000 {I}	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Chlorodibromomethane	610,000 {C}	2,000 {W}	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Chloroethane	950,000 {C}	34,000	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Chloroform	1,500,000 {C}	2,000 {W}	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Chloromethane	1,100,000 {C,I}	22,000 {I}	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
cis-1,2-Dichloroethene	640,000 {C}	1,400	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
cis-1,3-Dichloropropene		1,300	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
cis-1,3-Dichloropropene	620,000 {C}		13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Ethylbenzene	140,000 {C,I}	1,500 {I}	13 U	**3.6 J**	**14,000 J**	5.5 UJ	5.6 U	5.7 U	**5,400**
Methyl tert-butyl ether	5,900,000 {C}	800	53 U	23 U	4,200 U	22 UJ	22 U	5.7 U	14,000 U
Methylene chloride	2,300,000 {C}	100	13 U	**7.2 J**	1,000 U	**4.3 J**	5.6 U	5.7 U	3,500 U
Styrene	520,000 {C}	2,700	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Tetrachloroethene	88,000 {C}	100	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Toluene	250,000 {C,I}	16,000 {I}	13 U	**9.1 J**	**6,400 J**	**12 J**	5.6 U	**30**	3,500 U
trans-1,2-Dichloroethene	1,400,000 {C}	2,000	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
trans-1,3-Dichloropropen	620,000 {C}	1,300	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Trichloroethene	500,000 {C}	100	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Vinyl chloride	29,000	40	13 U	5.8 U	1,000 U	5.5 UJ	5.6 U	5.7 U	3,500 U
Xylenes, Total	150,000 {C,I}	5,600 {I}	**7.8 J**	5.8 U	**39,000 J**	5.5 UJ	5.6 U	5.7 U	**29,000**
Lead	900,000 (draft)	700,000	**38,000**	**12,000**	**13,200**	**4,480**	**2,550**	**4,390**	**17,800**

See generic notes pages.

TABLE 4-77

TCL VOC AND LEAD ANALYTICAL RESULTS FOR SOIL
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	BBL-SB2 (0 - 2') 5/7/96 FS	BBL-SB2 (8 - 10') 5/7/96 FS	BBL-SB3 (6 - 8') 5/7/96 FS	BBL-SB3 (8 - 10') 5/7/96 FS	BBL-SB4 (0 - 2') 5/7/96 FS	BBL-SB4 (8 - 10') 5/7/96 FS	BBL-SB5 (0 - 2') 5/6/96 FS	BBL-SB5 (20 - 22') 5/6/96 FS
1,1,1-Trichloroethane	460,000 {C}	4,000	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
1,1,2,2-Tetrachloroethane	370,000	700	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
1,1,2-Trichloroethane	920,000 {C}	100	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
1,1-Dichloroethane	890,000 {C}	50,000	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
1,1-Dichloroethene	570,000 {C,I}	140 {I}	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
1,2,4-Trimethylbenzene	110,000 {C,I}	2,100 {I}	R	**5.5 J**	**110**	**84,000 J**	R	R	R	R
1,2-Dichlorobenzene	210,000 {C}	14,000	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
1,2-Dichloroethane	640,000 {I}	100 {I}	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
1,2-Dichloropropane	550,000 {C,I}	100 {I}	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
1,3,5-Trimethylbenzene	94,000 {C,I}	1,800 {I}	R	R	**19**	**7,100 J**	R	R	R	R
1,3-Dichlorobenzene	170,000 {C}	480	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
1,4-Dichlorobenzene	2,900,000	1,700	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
2-Butanone	27,000,000 {C,I,AD}	760,000 {I}	**13 J**	57 U	59 U	37,000 U	34,000 U	16,000 U	60 U	61 U
2-Hexanone	2,500,000 {C}	58,000	54 U	57 U	59 U	37,000 U	34,000 U	16,000 U	60 U	61 U
4-Methyl-2-pentanone	2,700,000 {C,I}	100,000 {I}	54 U	57 U	59 U	37,000 U	34,000 U	16,000 U	60 U	61 U
Acetone	110,000,000 {I}	42,000 {I}	**43 J**	**33 J**	**8.3 J**	**5,000 J**	34,000 U	16,000 U	60 U	**11 J**
Benzene	400,000 {C,I}	100 {I}	**2.5 J**	**10**	**43**	**21,000 J**	**2,700 J**	**3,000**	6.0 U	6.1 U
Bromodichloromethane	750,000	2,000 {W}	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Bromoform	870,000 {C}	2,000 {W}	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Bromomethane	1,600,000	580	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Carbon disulfide	280,000 {C,I,R,AD}	46,000 {I,R}	5.4 U	**4.7 J**	**4.7 J**	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Carbon tetrachloride	390,000 {C}	100	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Chlorobenzene	260,000 {C,I}	2,000 {I}	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Chlorodibromomethane	610,000 {C}	2,000 {W}	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Chloroethane	950,000 {C}	34,000	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Chloroform	1,500,000 {C}	2,000 {W}	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Chloromethane	1,100,000 {C,I}	22,000 {I}	5.4 U	5.7 U	5.9 U	**2,500 J**	3,400 U	1,600 U	6.0 U	6.1 U
cis-1,2-Dichloroethene	640,000 {C}	1,400	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
cis-1,3-Dichloropropene		1,300	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
cis-1,3-Dichloropropene	620,000 {C}		5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Ethylbenzene	140,000 {C,I}	1,500 {I}	5.4 U	**2.8 J**	**15**	**29,000 J**	**28,000**	**23,000**	6.0 U	6.1 U
Methyl tert-butyl ether	5,900,000 {C}	800	22 U	22 U	24 U	15,000 U	13,000 U	6,400 U	24 U	24 U
Methylene chloride	2,300,000 {C}	100	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Styrene	520,000 {C}	2,700	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Tetrachloroethene	88,000 {C}	100	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Toluene	250,000 {C,I}	16,000 {I}	**95**	**31**	**5.5 J**	**2,900 J**	**3,800**	**4,300**	6.0 U	**2.4 J**
trans-1,2-Dichloroethene	1,400,000 {C}	2,000	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
trans-1,3-Dichloropropen	620,000 {C}	1,300	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Trichloroethene	500,000 {C}	100	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Vinyl chloride	29,000	40	5.4 U	5.7 U	5.9 U	3,700 U	3,400 U	1,600 U	6.0 U	6.1 U
Xylenes, Total	150,000 {C,I}	5,600 {I}	**2.7 J**	**10**	**90**	**45,000 J**	**120,000**	**90,000**	6.0 U	6.1 U
Lead	900,000 (draft)	700,000	**28,300**	-	**38,200**	**25,500**	**14,800**	**14,900**	**138,000**	**5,170**

See generic notes pages.

TABLE 4-78

TCL PCB ANALYTICAL RESULTS FOR SOIL
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	BBL-MW1 (4 - 6') 5/2/96 FS	BBL-MW2 (4 - 6') 5/2/96 FS	BBL-MW3 (6 - 8') 5/2/96 FS	BBL-MW4 (4 - 6') 5/3/96 FS	BBL-MW5 (4 - 6') 5/3/96 FS	BBL-SB1 (4 - 6') 5/6/96 FS	BBL-SB1 (8 - 10') 5/6/96 FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	350 U	190 U	190 U	180 U	180 U	190 U	180 U
Aroclor-1221	20,000 {J,T}	NLL {J,T}	350 U	190 U	190 U	180 U	180 U	190 U	180 U
Aroclor-1232	20,000 {J,T}	NLL {J,T}	350 U	190 U	190 U	180 U	180 U	190 U	180 U
Aroclor-1242	20,000 {J,T}	NLL {J,T}	350 U	190 U	190 U	180 U	180 U	190 U	180 U
Aroclor-1248	20,000 {J,T}	NLL {J,T}	350 U	190 U	190 U	180 U	180 U	190 U	180 U
Aroclor-1254	20,000 {J,T}	NLL {J,T}	**1,600**	190 U	190 U	180 U	180 U	190 U	180 U
Aroclor-1260	20,000 {J,T}	NLL {J,T}	350 U	190 U	190 U	180 U	180 U	190 U	180 U
Total Aroclors	20,000 {J,T}	NLL {J,T}	**1,600**	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-78

TCL PCB ANALYTICAL RESULTS FOR SOIL
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	BBL-SB2 (0 - 2') 5/7/96 FS	BBL-SB2 (8 - 10') 5/7/96 FS	BBL-SB3 (6 - 8') 5/7/96 FS	BBL-SB3 (8 - 10') 5/7/96 FS	BBL-SB4 (0 - 2') 5/7/96 FS	BBL-SB4 (8 - 10') 5/7/96 FS	BBL-SB5 (0 - 2') 5/6/96 FS	BBL-SB5 (20 - 22') 5/6/96 FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	180 U	190 U	200 U*	190 U*	180 U	210 U	200 U	200 U
Aroclor-1221	20,000 {J,T}	NLL {J,T}	180 U	190 U	200 U*	190 U*	180 U	210 U	200 U	200 U
Aroclor-1232	20,000 {J,T}	NLL {J,T}	180 U	190 U	200 U*	190 U*	180 U	210 U	200 U	200 U
Aroclor-1242	20,000 {J,T}	NLL {J,T}	180 U	190 U	200 U*	190 U*	180 U	210 U	200 U	200 U
Aroclor-1248	20,000 {J,T}	NLL {J,T}	180 U	190 U	200 U*	190 U*	180 U	210 U	200 U	200 U
Aroclor-1254	20,000 {J,T}	NLL {J,T}	180 U	190 U	200 U	190 U	180 U	210 U	200 U	200 U
Aroclor-1260	20,000 {J,T}	NLL {J,T}	180 U	190 U	200 U	190 U	180 U	210 U	**830**	200 U
Total Aroclors	20,000 {J,T}	NLL {J,T}	ND	ND	ND	ND	ND	ND	**830**	ND

See generic notes pages.

TABLE 4-79

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic	BBL-MW1 (4.2 - 13.7')												BBL-MW2 (4.7 - 14.2')		
	IDW	6/20/96	7/31/98	10/27/98	1/28/99	4/12/99	7/14/99	10/22/99	1/1/00		5/18/00	8/23/00		6/18/96		5/19/00
Constituents (ug/L)	Value	FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS	DUP	FS	DUP	FS
1,1,1-Trichloroethane	200 {A}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
1,1,2,2-Tetrachloroethane	35	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
1,1-Dichloroethane	2,500	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	**0.21 J**
1,1-Dichloroethene	7.0 {A,I}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
1,2,4-Trimethylbenzene	63 {E,I}	**650**	NA	NA	NA	NA	NA	NA	NA	NA	**55**	NA	NA	**110**	**91**	1.0 U
1,2-Dichloroethane	5.0 {A,I}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	NA	NA	1.0 U
1,2-Dichloropropane	5.0 {A,I}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
1,3,5-Trimethylbenzene	72 {E,I}	**240**	NA	NA	NA	NA	NA	NA	NA	NA	**18**	NA	NA	**39**	**33**	1.0 U
2-Butanone	38,000 {I}	1,200 U	NA	NA	NA	NA	NA	NA	NA	NA	**19 J**	NA	NA	500 U	310 U	10 UJ
2-Hexanone	2,900	1,200 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA	NA	500 U	310 U	10 UJ
4-Methyl-2-pentanone	5,200 {I}	1,200 U	NA	NA	NA	NA	NA	NA	NA	NA	**11 J**	NA	NA	500 U	310 U	**4.4 J**
Acetone	2,100 {I}	2,500 U	NA	NA	NA	NA	NA	NA	NA	NA	71 U	NA	NA	1,000 U	620 U	10 U
Benzene	5.0 {A,I}	**16 J**	***13***	***10***	***26***	***20***	***27***	***6.0***	***4.0***	***5.0***	**8.1**	***3.0***	*1.0 U*	**7.8 J**	**7.2 J**	**26**
Bromodichloromethane	100 {A,W}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
Bromoform	100 {A,W}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
Bromomethane	29	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
Carbon disulfide	2,300 {I,R}	1,200 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	500 U	310 U	**1.3**
Carbon tetrachloride	5.0 {A}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
Chlorobenzene	100 {A,I}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
Chlorodibromomethane	100 {A,W}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
Chloroethane	1,700	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	**3.8**
Chloroform	100 {A,W}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
Chloromethane	1,100 {I}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	**1.4 J**
cis-1,2-Dichloroethene	70 {A}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	2.5 U	NA	NA	10 U	6.2 U	0.50 U
cis-1,3-Dichloropropene	63	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
Ethylbenzene	74 {E,I}	**130**	***13***	***30***	***32***	***30***	***17***	***3.0***	***5.0***	***5.0***	**10**	***2.0***	*1.0 U*	**93**	**92**	**9.2**
Methyl tert-butyl ether	40 {E}	120 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50 U	31 U	NA
Methylene chloride	5.0 {A}	120 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	50 U	31 U	1.0 U
Styrene	100 {A}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
Tetrachloroethene	5.0 {A}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
Toluene	790 {E,I}	25 U	*1.0 U*	***2.0***	***3.0***	*20 U*	***5.0***	*1.0 U*	*1.0 U*	*1.0 U*	5.0 U	*1.0 U*	*1.0 U*	10 U	6.2 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	2.5 U	NA	NA	10 U	6.2 U	0.50 U
trans-1,3-Dichloropropene	63	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
Trichloroethene	5.0 {A}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
Vinyl chloride	2.0 {A}	25 U	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	NA	NA	10 U	6.2 U	1.0 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***2.0***	*1.0 U*	NA	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	*1.0 U*	*1.0 U*	NA	NA	NA
Xylenes, Total	280 {E,I}	**210**	***10***	***45***	***54***	***50***	***20***	***2.0***	***5.0***	***5.0***	**15**	NA	NA	35 U	28 U	**2.3**

See generic notes pages.

TABLE 4-79

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	BBL-MW3 (5.2 - 14.7') 6/18/96 FS	BBL-MW3 (5.2 - 14.7') 5/17/00 FS	BBL-MW4 (5.2 - 14.7') 6/18/96 FS	7/31/98 FS	10/27/98 FS	1/28/99 FS	4/12/99 FS	7/14/99 FS	10/22/99 FS	1/1/00 FS	5/18/00 FS	8/23/00 FS
1,1,1-Trichloroethane	200 {A}	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,1,2,2-Tetrachloroethane	35	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,1,2-Trichloroethane	5.0 {A}	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,1-Dichloroethane	2,500	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,1-Dichloroethene	7.0 {A,I}	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,2,4-Trimethylbenzene	63 {E,I}	10 U	**0.39 J**	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,2-Dichloroethane	5.0 {A,I}	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,2-Dichloroethene, Total	70 {A}	NA	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,2-Dichloropropane	5.0 {A,I}	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,3,5-Trimethylbenzene	72 {E,I}	10 U	**0.15 J**	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
2-Butanone	38,000 {I}	500 U	10 U	50 U	NA	NA	NA	NA	NA	NA	NA	10 U	NA
2-Hexanone	2,900	500 U	10 U	50 U	NA	NA	NA	NA	NA	NA	NA	10 U	NA
4-Methyl-2-pentanone	5,200 {I}	500 U	10 UJ	50 U	NA	NA	NA	NA	NA	NA	NA	10 U	NA
Acetone	2,100 {I}	1,000 U	10 U	100 U	NA	NA	NA	NA	NA	NA	NA	10 U	NA
Benzene	5.0 {A,I}	**91**	**18 B**	**12**	*5.0 U*	*1.0 U*	***2.0***	***1.0***	*1.0 U*	*1.0 U*	*1.0 U*	**1.6**	*1.0 U*
Bromodichloromethane	100 {A,W}	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Bromoform	100 {A,W}	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Bromomethane	29	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Carbon disulfide	2,300 {I,R}	500 U	1.0 U	50 U	NA	NA	NA	NA	NA	NA	NA	**0.91 J**	NA
Carbon tetrachloride	5.0 {A}	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Chlorobenzene	100 {A,I}	10 U	1.0 U	**13**	NA	NA	NA	NA	NA	NA	NA	**3.2**	NA
Chlorodibromomethane	100 {A,W}	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Chloroethane	1,700	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Chloroform	100 {A,W}	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Chloromethane	1,100 {I}	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
cis-1,2-Dichloroethene	70 {A}	10 U	**0.61**	1.0 U	NA	NA	NA	NA	NA	NA	NA	0.50 U	NA
cis-1,3-Dichloropropene	63	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Ethylbenzene	74 {E,I}	10 U	**0.23 J**	1.0 U	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	1.0 U	*1.0 U*
Methyl tert-butyl ether	40 {E}	50 U	NA	**1.7 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	50 U	1.0 U	5.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Styrene	100 {A}	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Tetrachloroethene	5.0 {A}	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Toluene	790 {E,I}	10 U	1.0 U	1.0 U	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	***3.0***	*1.0 U*	*1.0 U*	1.0 U	*1.0 U*
trans-1,2-Dichloroethene	100 {A}	10 U	0.50 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	0.50 U	NA
trans-1,3-Dichloropropene	63	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Trichloroethene	5.0 {A}	10 U	**1.3**	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Vinyl chloride	2.0 {A}	10 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	*1.0 U*
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	*1.0 U*
Xylenes, Total	280 {E,I}	30 U	**1.1**	3.0 U	*3.0 U*	*1.0 U*	*1.0 U*	*2.0 U*	*2.0 U*	*2.0 U*	*2.0 U*	1.0 U	*NA*

See generic notes pages.

TABLE 4-79

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic	BBL-MW5 (5.2 - 14.7')		MW-135WT (5 - 15')										
Constituents (ug/L)	IDW Value	6/19/96 FS	5/19/00 FS	7/21/95 FS	6/18/96 FS	7/31/98 FS	10/27/98 FS	1/28/99 FS	4/12/99 FS	7/14/99 FS	10/22/99 FS	1/1/00 FS	5/18/00 FS	8/23/00 FS
1,1,1-Trichloroethane	200 {A}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,1,2,2-Tetrachloroethane	35	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,1,2-Trichloroethane	5.0 {A}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,1-Dichloroethane	2,500	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,1-Dichloroethene	7.0 {A,I}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,2,4-Trimethylbenzene	63 {E,I}	10 U	5.0 U	NA	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,2-Dichloroethane	5.0 {A,I}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,2-Dichloroethene, Total	70 {A}	NA	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,2-Dichloropropane	5.0 {A,I}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,3,5-Trimethylbenzene	72 {E,I}	**3.7 J**	5.0 U	NA	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
2-Butanone	38,000 {I}	420 U	50 U	50 UJ	50 U	NA	NA	NA	NA	NA	NA	NA	10 U	NA
2-Hexanone	2,900	420 U	50 U	50 UJ	50 U	NA	NA	NA	NA	NA	NA	NA	10 U	NA
4-Methyl-2-pentanone	5,200 {I}	420 U	50 U	50 UJ	50 U	NA	NA	NA	NA	NA	NA	NA	10 U	NA
Acetone	2,100 {I}	830 U	50 U	50 UJ	100 U	NA	NA	NA	NA	NA	NA	NA	10 U	NA
Benzene	5.0 {A,I}	**290**	**89**	1.0 U	**2.0 J**	*5.0 U*	***1.0***	*1.0 U*	*1.0 U*	***2.0***	***2.0***	*1.0 U*	**0.30 J**	*1.0 U*
Bromodichloromethane	100 {A,W}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Bromoform	100 {A,W}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Bromomethane	29	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Carbon disulfide	2,300 {I,R}	420 U	5.0 U	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	**0.82 J**	NA
Carbon tetrachloride	5.0 {A}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Chlorobenzene	100 {A,I}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Chlorodibromomethane	100 {A,W}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Chloroethane	1,700	8.3 U	**1.8 J**	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Chloroform	100 {A,W}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Chloromethane	1,100 {I}	8.3 U	5.0 U	1.0 UJ	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
cis-1,2-Dichloroethene	70 {A}	8.3 U	2.5 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	0.50 U	NA
cis-1,3-Dichloropropene	63	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Ethylbenzene	74 {E,I}	**29**	**1.5 J**	1.0 U	1.0 U	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	1.0 U	*1.0 U*
Methyl tert-butyl ether	40 {E}	42 U	NA	NA	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	42 U	5.0 U	1.0 U	5.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Styrene	100 {A}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Tetrachloroethene	5.0 {A}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Toluene	790 {E,I}	8.3 U	5.0 U	1.0 U	1.0 U	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	***3.0***	*1.0 U*	*1.0 U*	1.0 U	*1.0 U*
trans-1,2-Dichloroethene	100 {A}	8.3 U	2.5 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	0.50 U	NA
trans-1,3-Dichloropropene	63	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Trichloroethene	5.0 {A}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Vinyl chloride	2.0 {A}	8.3 U	5.0 U	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	*1.0 U*
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	*1.0 U*
Xylenes, Total	280 {E,I}	44 U	**6.2**	3.0 U	3.0 U	*3.0 U*	*2.0 U*	*1.0 U*	*1.0 U*	*2.0 U*	*2.0 U*	*2.0 U*	1.0 U	NA

See generic notes pages.

TABLE 4-79

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic	MW-139WT (13 - 23')												UST7-1 (5 - 10')	
	IDW	7/30/95	6/13/96	7/31/98	10/27/98	1/28/99	4/12/99	7/14/99	10/22/99		1/1/00	5/19/00	8/23/00	6/19/96	5/18/00
Constituents (ug/L)	Value	FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS	FS	FS	FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
1,2,4-Trimethylbenzene	63 {E,I}	NA	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA	5.0 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
1,3,5-Trimethylbenzene	72 {E,I}	NA	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
2-Butanone	38,000 {I}	50 UJ	50 U	NA	NA	NA	NA	NA	NA	NA	NA	10 UJ	NA	1,200 U	**4.2 J**
2-Hexanone	2,900	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	NA	10 UJ	NA	1,200 U	50 U
4-Methyl-2-pentanone	5,200 {I}	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	NA	10 UJ	NA	1,200 U	50 U
Acetone	2,100 {I}	**22 J**	100 U	NA	NA	NA	NA	NA	NA	NA	NA	10 UJ	NA	2,500 U	50 U
Benzene	5.0 {A,I}	1.0 U	5.0 U	*5.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	***1.0***	*1.0 U*	1.0 U	*1.0 U*	**290**	**97**
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
Bromoform	100 {A,W}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
Bromomethane	29	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
Carbon disulfide	2,300 {I,R}	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	1,200 U	5.0 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
Chloroethane	1,700	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
Chloroform	100 {A,W}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
Chloromethane	1,100 {I}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 UJ	NA	25 U	5.0 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	0.50 U	NA	25 U	2.5 U
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	1.0 U	*1.0 U*	25 U	5.0 U
Methyl tert-butyl ether	40 {E}	NA	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	120 U	NA
Methylene chloride	5.0 {A}	1.0 U	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	120 U	5.0 U
Styrene	100 {A}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
Toluene	790 {E,I}	1.0 U	1.0 U	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	1.0 U	*1.0 U*	25 U	5.0 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	0.50 U	NA	25 U	2.5 U
trans-1,3-Dichloropropene	63	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	25 U	5.0 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	*1.0 U*	NA	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	*1.0 U*	NA	NA
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	*3.0 U*	*2.0 U*	*1.0 U*	*2.0 U*	*2.0 U*	*2.0 U*	*2.0 U*	***7.0***	1.0 U	NA	75 U	5.0 U

See generic notes pages.

TABLE 4-79

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	UST7-2 (5.3 - 10.3')											
		6/1/94 FS	6/19/96 FS	7/31/98 FS	10/27/98 FS	1/28/99 FS	4/12/99 FS	7/14/99 FS	10/22/99 FS	10/22/99 FS	1/1/00 FS	5/17/00 FS	8/23/00 FS
1,1,1-Trichloroethane	200 {A}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
1,1,2,2-Tetrachloroethane	35	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
1,1,2-Trichloroethane	5.0 {A}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
1,1-Dichloroethane	2,500	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
1,1-Dichloroethene	7.0 {A,I}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
1,2,4-Trimethylbenzene	63 {E,I}	NA	1,700	NA	NA	NA	NA	NA	NA	NA	NA	1,500	NA
1,2-Dichloroethane	5.0 {A,I}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
1,2-Dichloroethene, Total	70 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
1,2-Dichloropropane	5.0 {A,I}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
1,3,5-Trimethylbenzene	72 {E,I}	NA	450	NA	NA	NA	NA	NA	NA	NA	NA	750	NA
2-Butanone	38,000 {I}	NA	6,200 U	NA	NA	NA	NA	NA	NA	NA	NA	500 U	NA
2-Hexanone	2,900	NA	6,200 U	NA	NA	NA	NA	NA	NA	NA	NA	500 U	NA
4-Methyl-2-pentanone	5,200 {I}	NA	6,200 U	NA	NA	NA	NA	NA	NA	NA	NA	500 U	NA
Acetone	2,100 {I}	NA	12,000 U	NA	NA	NA	NA	NA	NA	NA	NA	500 U	NA
Benzene	5.0 {A,I}	2,100	950	6.0	1.0 U	5.0	10 U	10 U	10	10 U	2.0	1,500	4.0
Bromodichloromethane	100 {A,W}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Bromoform	100 {A,W}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Bromomethane	29	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Carbon disulfide	2,300 {I,R}	NA	6,200 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Carbon tetrachloride	5.0 {A}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Chlorobenzene	100 {A,I}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Chlorodibromomethane	100 {A,W}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Chloroethane	1,700	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Chloroform	100 {A,W}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Chloromethane	1,100 {I}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
cis-1,2-Dichloroethene	70 {A}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	25 U	NA
cis-1,3-Dichloropropene	63	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Ethylbenzene	74 {E,I}	100 U	1,700	17	2.0	23	40	20	20	20	1.0 U	1,200	1.0
Methyl tert-butyl ether	40 {E}	NA	620 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	NA	620 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Styrene	100 {A}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Tetrachloroethene	5.0 {A}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Toluene	790 {E,I}	3,100	120 U	1.0 U	1.0 U	1.0 U	10 U	20	10 U	10 U	1.0 U	25 J	1.0 U
trans-1,2-Dichloroethene	100 {A}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	25 U	NA
trans-1,3-Dichloropropene	63	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Trichloroethene	5.0 {A}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
Vinyl chloride	2.0 {A}	NA	120 U	NA	NA	NA	NA	NA	NA	NA	NA	50 U	NA
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U
Xylenes, Total	280 {E,I}	9,800	3,600	6.0	2.0 U	7.0	20	10	10	10	1.0	1,200	NA

See generic notes pages.

TABLE 4-79

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic	UST7-3R (3.3 - 13.3')									
	IDW	7/31/98	10/27/98	1/28/99	4/12/99	7/14/99	10/22/99	1/1/00		5/19/00	8/23/00
Constituents (ug/L)	Value	FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS
1,1,1-Trichloroethane	200 {A}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,1,2,2-Tetrachloroethane	35	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,1,2-Trichloroethane	5.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,1-Dichloroethane	2,500	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,1-Dichloroethene	7.0 {A,I}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,2,4-Trimethylbenzene	63 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,2-Dichloroethane	5.0 {A,I}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,2-Dichloroethene, Total	70 {A}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,2-Dichloropropane	5.0 {A,I}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
1,3,5-Trimethylbenzene	72 {E,I}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
2-Butanone	38,000 {I}	NA	NA	NA	NA	NA	NA	NA	NA	10 U	NA
2-Hexanone	2,900	NA	NA	NA	NA	NA	NA	NA	NA	10 U	NA
4-Methyl-2-pentanone	5,200 {I}	NA	NA	NA	NA	NA	NA	NA	NA	10 U	NA
Acetone	2,100 {I}	NA	NA	NA	NA	NA	NA	NA	NA	10 U	NA
Benzene	5.0 {A,I}	***14***	***12***	***5.0***	***18***	***24***	***50***	***30***	***32***	***13***	***28***
Bromodichloromethane	100 {A,W}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Bromoform	100 {A,W}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Bromomethane	29	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Carbon disulfide	2,300 {I,R}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Carbon tetrachloride	5.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Chlorobenzene	100 {A,I}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Chlorodibromomethane	100 {A,W}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Chloroethane	1,700	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Chloroform	100 {A,W}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Chloromethane	1,100 {I}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
cis-1,2-Dichloroethene	70 {A}	NA	NA	NA	NA	NA	NA	NA	NA	0.50 U	NA
cis-1,3-Dichloropropene	63	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Ethylbenzene	74 {E,I}	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	1.0 U	*1.0 U*
Methyl tert-butyl ether	40 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Styrene	100 {A}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Tetrachloroethene	5.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	**0.33 J**	NA
Toluene	790 {E,I}	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	***2.0***	*1.0 U*	*1.0 U*	*1.0 U*	1.0 U	*1.0 U*
trans-1,2-Dichloroethene	100 {A}	NA	NA	NA	NA	NA	NA	NA	NA	0.50 U	NA
trans-1,3-Dichloropropene	63	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Trichloroethene	5.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
Vinyl chloride	2.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	*1.0 U*
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	*1.0 U*
Xylenes, Total	280 {E,I}	*3.0 U*	*2.0 U*	*1.0 U*	*2.0 U*	*2.0 U*	*2.0 U*	*2.0 U*	*2.0 U*	1.0 U	NA

See generic notes pages.

TABLE 4-79

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	UST7-4 (7 - 12')											
		6/1/94	6/19/96	7/31/98	10/27/98	1/28/99	4/12/99	7/14/99	10/22/99	1/1/00	5/18/00	8/23/00	
		FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	DUP
1,1,1-Trichloroethane	200 {A}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
1,1,2,2-Tetrachloroethane	35	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
1,1,2-Trichloroethane	5.0 {A}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
1,1-Dichloroethane	2,500	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
1,1-Dichloroethene	7.0 {A,I}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
1,2,4-Trimethylbenzene	63 {E,I}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	**0.14 J**	NA	NA
1,2-Dichloroethane	5.0 {A,I}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
1,2-Dichloroethene, Total	70 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
1,2-Dichloropropane	5.0 {A,I}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
1,3,5-Trimethylbenzene	72 {E,I}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
2-Butanone	38,000 {I}	NA	83 U	NA	NA	NA	NA	NA	NA	NA	**0.73 J**	NA	NA
2-Hexanone	2,900	NA	83 U	NA	NA	NA	NA	NA	NA	NA	10 U	NA	NA
4-Methyl-2-pentanone	5,200 {I}	NA	83 U	NA	NA	NA	NA	NA	NA	NA	10 U	NA	NA
Acetone	2,100 {I}	NA	170 U	NA	NA	NA	NA	NA	NA	NA	10 U	NA	NA
Benzene	5.0 {A,I}	**110**	**44**	***14***	***10***	***17***	***7.0***	***4.0***	***4.0***	***3.0***	**6.0**	***3.0***	***3.0***
Bromodichloromethane	100 {A,W}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
Bromoform	100 {A,W}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
Bromomethane	29	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
Carbon disulfide	2,300 {I,R}	NA	83 U	NA	NA	NA	NA	NA	NA	NA	**0.22 J**	NA	NA
Carbon tetrachloride	5.0 {A}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
Chlorobenzene	100 {A,I}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
Chlorodibromomethane	100 {A,W}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
Chloroethane	1,700	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
Chloroform	100 {A,W}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
Chloromethane	1,100 {I}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
cis-1,2-Dichloroethene	70 {A}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	0.50 U	NA	NA
cis-1,3-Dichloropropene	63	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
Ethylbenzene	74 {E,I}	2.0 U	1.7 U	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	**0.18 J**	*1.0 U*	*1.0 U*
Methyl tert-butyl ether	40 {E}	NA	**1.5 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	NA	8.3 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
Styrene	100 {A}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
Tetrachloroethene	5.0 {A}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
Toluene	790 {E,I}	**8.0**	1.7 U	*1.0 U*	*1.0 U*	*1.0 U*	*1.0 U*	***4.0***	*1.0 U*	***1.0***	1.0 U	*1.0 U*	*1.0 U*
trans-1,2-Dichloroethene	100 {A}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	0.50 U	NA	NA
trans-1,3-Dichloropropene	63	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
Trichloroethene	5.0 {A}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
Vinyl chloride	2.0 {A}	NA	1.7 U	NA	NA	NA	NA	NA	NA	NA	1.0 U	NA	NA
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	*1.0 U*	*1.0 U*
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	*1.0 U*	*1.0 U*
Xylenes, Total	280 {E,I}	1.0 U	5.1 U	*3.0 U*	*2.0 U*	*2.0 U*	*2.0 U*	*2.0 U*	***1.0***	***1.0***	**0.67 J**	NA	NA

See generic notes pages.

TABLE 4-79

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	UST7-5 (7 - 12') 6/19/96 FS	7/31/98 FS	10/27/98 FS	1/28/99 FS	4/12/99 FS	7/14/99 FS	10/22/99 FS	1/1/00 FS	5/17/00 FS	5/17/00 DUP	8/23/00 FS	UST7-6 6/19/96 FS
1,1,1-Trichloroethane	200 {A}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
1,1,2,2-Tetrachloroethane	35	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
1,1,2-Trichloroethane	5.0 {A}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
1,1-Dichloroethane	2,500	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
1,1-Dichloroethene	7.0 {A,I}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
1,2,4-Trimethylbenzene	63 {E,I}	**2,400**	NA	NA	NA	NA	NA	NA	NA	**190**	**260**	NA	2.6 U
1,2-Dichloroethane	5.0 {A,I}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
1,2-Dichloroethene, Total	70 {A}	NA	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	NA
1,2-Dichloropropane	5.0 {A,I}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	**0.61 J**	NA	2.5 U
1,3,5-Trimethylbenzene	72 {E,I}	**650**	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	**1.3 J**
2-Butanone	38,000 {I}	6,200 U	NA	NA	NA	NA	NA	NA	NA	50 U	71 U	NA	120 U
2-Hexanone	2,900	6,200 U	NA	NA	NA	NA	NA	NA	NA	50 U	71 U	NA	120 U
4-Methyl-2-pentanone	5,200 {I}	6,200 U	NA	NA	NA	NA	NA	NA	NA	50 U	71 U	NA	120 U
Acetone	2,100 {I}	12,000 U	NA	NA	NA	NA	NA	NA	NA	50 U	71 U	NA	250 U
Benzene	5.0 {A,I}	**1,600**	***1,900***	***1,390***	***190***	***400***	***300***	***20***	***23***	**42**	**56**	***160***	**69**
Bromodichloromethane	100 {A,W}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
Bromoform	100 {A,W}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
Bromomethane	29	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
Carbon disulfide	2,300 {I,R}	6,200 U	NA	NA	NA	NA	NA	NA	NA	**0.62 J**	7.1 U	NA	120 U
Carbon tetrachloride	5.0 {A}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
Chlorobenzene	100 {A,I}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
Chlorodibromomethane	100 {A,W}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
Chloroethane	1,700	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
Chloroform	100 {A,W}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
Chloromethane	1,100 {I}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
cis-1,2-Dichloroethene	70 {A}	120 U	NA	NA	NA	NA	NA	NA	NA	2.5 U	3.6 U	NA	2.5 U
cis-1,3-Dichloropropene	63	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
Ethylbenzene	74 {E,I}	**1,800**	*200 U*	***1,330***	***680***	***890***	***240***	***110***	***71***	**71**	**83**	***100***	**2.0 J**
Methyl tert-butyl ether	40 {E}	620 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	12 U
Methylene chloride	5.0 {A}	620 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	12 U
Styrene	100 {A}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	**2.5 J**	NA	2.5 U
Tetrachloroethene	5.0 {A}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
Toluene	790 {E,I}	**1,400**	***930***	***990***	***450***	***400***	***240***	***20***	***9.0***	**13**	**13**	***40***	2.5 U
trans-1,2-Dichloroethene	100 {A}	120 U	NA	NA	NA	NA	NA	NA	NA	2.5 U	3.6 U	NA	2.5 U
trans-1,3-Dichloropropene	63	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
Trichloroethene	5.0 {A}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
Vinyl chloride	2.0 {A}	120 U	NA	NA	NA	NA	NA	NA	NA	5.0 U	7.1 U	NA	2.5 U
m,p-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***410***	NA
o-Xylene		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	***120***	NA
Xylenes, Total	280 {E,I}	**6,900**	***7,900***	***5,120***	***4,440***	***6,540***	***3,470***	***860***	***354***	**330**	**360**	NA	9.7 U

See generic notes pages.

TABLE 4-80

TCL PCB ANALYTICAL RESULTS FOR GROUNDWATER
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	BBL-MW1 (4.2 - 13.7') 6/20/96 FS	BBL-MW2 (4.7 - 14.2') 6/18/96 FS	BBL-MW2 (4.7 - 14.2') 6/18/96 DUP	BBL-MW3 (5.2 - 14.7') 6/18/96 FS	BBL-MW4 (5.2 - 14.7') 6/18/96 FS	BBL-MW5 (5.2 - 14.7') 6/19/96 FS	UST7-1 (5 - 10') 6/19/96 FS	UST7-2 (5.3 - 10.3') 6/19/96 FS	UST-74 (7 - 12') 6/19/96 FS	UST7-5 (7 - 12') 6/19/96 FS	UST7-6 6/19/96 FS
PCBs, Unfiltered												
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-81

TAL INORGANIC AND GENERAL CHEMISTRY ANALYTICAL RESULTS FOR GROUNDWATER AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	BBL-MW1 (4.2 - 13.7')												BBL-MW2 (4.7 - 14.2')		
		6/20/96	7/31/98	10/27/98	1/28/99	4/12/99	7/14/99	10/22/99	1/1/00	1/1/00	5/18/00	8/23/00		6/18/96		5/19/00
		FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	DUP	FS	DUP	FS
Inorganics, Filtered																
Aluminum	240 {B,V}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	6.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	50 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2,000 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	4.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	5.0 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	100 {A,B,H}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1,000 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	6.0 {L}*	NA	NA	3.0 U	1.0 U	1.0 U	3.0 U	3.0 U	3.0 U	3.0 U	NA	3.0 U	3.0 U	NA	NA	NA
Magnesium	1,100,000 {B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	2,100 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	2.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	100 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	50 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	98 {B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	350,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	2.0 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	20,000 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics, Unfiltered																
Lead	6.0 {L}*	3.0 U	100 U	NA	NA	NA	NA	NA	NA	NA	**10**	NA	NA	3.0 U	3.0 U	**42**
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Geochemical Parameters																
Alkalinity, Total		R	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**180,000**	**170,000**	NA
Ferrous Iron		**1,700 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**2,100 J**	**2,000 J**	NA
Sulfate	250,000 {E}	5,000 U	5,000 U	**2,000**	**2,000**	**3,000**	**2,000**	1,000 U	1,000 U	1,000 U	**25,100**	**6,000**	**6,000**	5,000 U	**6,000**	**62,200**
Sulfide (S)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See generic notes pages.

TABLE 4-81

TAL INORGANIC AND GENERAL CHEMISTRY ANALYTICAL RESULTS FOR GROUNDWATER AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	BBL-MW3 (5.2 - 14.7')		BBL-MW4 (5.2 - 14.7')									
		6/18/96 FS	5/17/00 FS	6/18/96 FS	7/31/98 FS	10/27/98 FS	1/28/99 FS	4/12/99 FS	7/14/99 FS	10/22/99 FS	1/1/00 FS	5/18/00 FS	8/23/00 FS
Inorganics, Filtered													
Aluminum	240 {B,V}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	6.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	50 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2,000 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	4.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	5.0 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	100 {A,B,H}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1,000 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	6.0 {L}*	NA	NA	NA	NA	3.0 U	**2.0**	1.0 U	3.0 U	3.0 U	3.0 U	NA	3.0 U
Magnesium	1,100,000 {B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	2,100 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	2.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	100 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	50 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	98 {B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	350,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	2.0 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	20,000 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics, Unfiltered													
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	100 U	NA	NA	NA	NA	NA	NA	**5.1**	NA
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Geochemical Parameters													
Alkalinity, Total		**290,000**	NA	**270,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ferrous Iron		**16,600 J**	NA	**12,400 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	250,000 {E}	5,000 U	1,000 U	5,000 U	NA	NA	NA	NA	NA	NA	NA	**9,600 BG**	NA
Sulfide (S)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See generic notes pages.

TABLE 4-81

TAL INORGANIC AND GENERAL CHEMISTRY ANALYTICAL RESULTS FOR GROUNDWATER AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	BBL-MW5 (5.2 - 14.7')		MW-135WT (5 - 15')										
		6/19/96 FS	5/19/00 FS	7/21/95 FS	6/18/96 FS	7/31/98 FS	10/27/98 FS	1/28/99 FS	4/12/99 FS	7/14/99 FS	10/22/99 FS	1/1/00 FS	5/18/00 FS	8/23/00 FS
Inorganics, Filtered														
Aluminum	240 {B,V}*	NA	NA	100 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	6.0 {A}	NA	NA	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	50 {A,B}	NA	NA	**1.9**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2,000 {A}	NA	NA	200 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	4.0 {A}	NA	NA	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	5.0 {A,B}	NA	NA	0.20 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	**38,700**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	100 {A,B,H}	NA	NA	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	100	NA	NA	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1,000 {E}	NA	NA	25 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	NA	NA	**4,280**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	6.0 {L}*	NA	NA	3.0 U	NA	NA	3.0 U	1.0 U	1.0 U	3.0 U	3.0 U	3.0 U	NA	3.0 U
Magnesium	1,100,000 {B}	NA	NA	**8,150**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	2,100 {B,E}*	NA	NA	**309**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	2.0 {A}	NA	NA	0.20 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	100 {A,B}	NA	NA	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium		NA	NA	**10,800**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	50 {A,B}	NA	NA	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	98 {B}	NA	NA	0.50 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	350,000	NA	NA	**305,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	2.0 {A,B}	NA	NA	2.0 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	62	NA	NA	20 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	20,000 {B,E}*	NA	NA	20 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics, Unfiltered														
Lead	6.0 {L}*	3.0 U	3.0 U	NA	3.0 U	100 U	NA	NA	NA	NA	NA	NA	3.0 U	NA
Cyanide, Total	200 {A,R}	NA	NA	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Geochemical Parameters														
Alkalinity, Total		**200,000**	NA	NA	**350,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ferrous Iron		**13,700 J**	NA	NA	**7,600**	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	250,000 {E}	5,000 U	1,000 U	NA	**24,000**	NA	NA	NA	NA	NA	NA	NA	**146,000**	NA
Sulfide (S)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See generic notes pages.

TABLE 4-81

TAL INORGANIC AND GENERAL CHEMISTRY ANALYTICAL RESULTS FOR GROUNDWATER AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-139WT (13 - 23')												UST7-1 (5 - 10')	
		7/30/95 FS	6/13/96 FS	7/31/98 FS	10/27/98 FS	1/28/99 FS	4/12/99 FS	7/14/99 FS	10/22/99 FS	10/22/99 DUP	1/1/00 FS	5/19/00 FS	8/23/00 FS	6/19/96 FS	5/18/00 FS
Inorganics, Filtered															
Aluminum	240 {B,V}*	100 U	100 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	6.0 {A}	5.0 U	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	50 {A,B}	**7.0**	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2,000 {A}	200 U	200 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	4.0 {A}	5.0 U	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	5.0 {A,B}	0.20 UJ	**0.68**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium		**79,200**	**78,800**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	100 {A,B,H}	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	100	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1,000 {E}	25 U	**26**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	**165**	100 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	6.0 {L}*	3.0 U	3.0 U	NA	3.0 U	1.0 U	1.0 U	3.0 U	3.0 U	3.0 U	3.0 U	NA	3.0 U	NA	NA
Magnesium	1,100,000 {B}	**81,200**	**85,900**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	2,100 {B,E}*	**403**	**80**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	2.0 {A}	0.20 UJ	0.20 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	100 {A,B}	50 U	50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium		5,000 U	5,000 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	50 {A,B}	5.0 U	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	98 {B}	0.50 U	0.50 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	350,000	**80,200**	**68,100**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	2.0 {A,B}	2.0 UJ	2.0 UJ	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	62	20 U	20 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	20,000 {B,E}*	**74**	21 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics, Unfiltered															
Lead	6.0 {L}*	NA	NA	100 U	NA	NA	NA	NA	NA	NA	NA	35	NA	6.4	28
Cyanide, Total	200 {A,R}	5.0 U	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Geochemical Parameters															
Alkalinity, Total		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**220,000**	NA
Ferrous Iron		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**26,500 J**	NA
Sulfate	250,000 {E}	NA	**132,000**	***160,000***	***168,000***	***153,000***	***158,000***	***156,000***	***152,000***	***155,000***	***162,000***	**168,000**	NA	5,000 U	663,000
Sulfide (S)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See generic notes pages.

TABLE 4-81

TAL INORGANIC AND GENERAL CHEMISTRY ANALYTICAL RESULTS FOR GROUNDWATER AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	UST7-2 (5.3 - 10.3')										
		6/19/96	7/31/98	10/27/98	1/28/99	4/12/99	7/14/99	10/22/99		1/1/00	5/17/00	8/23/00
		FS	FS	FS	FS	FS	FS	FS	DUP	FS	FS	FS
Inorganics, Filtered												
Aluminum	240 {B,V}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	6.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	50 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2,000 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	4.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	5.0 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	100 {A,B,H}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1,000 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	6.0 {L}*	NA	NA	3.0 U	1.0 U	1.0 U	3.0 U	3.0 U	3.0 U	3.0 U	NA	3.0 U
Magnesium	1,100,000 {B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	2,100 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	2.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	100 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	50 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	98 {B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	350,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	2.0 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	20,000 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics, Unfiltered												
Lead	6.0 {L}*	**114**	100 U	NA	NA	NA	NA	NA	NA	NA	**35**	NA
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Geochemical Parameters												
Alkalinity, Total		**320,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ferrous Iron		**47,500 J**	NA	NA	NA	NA	NA	NA	NA	NA	**35,000**	NA
Sulfate	250,000 {E}	5,000 U	NA	NA	NA	NA	NA	NA	NA	NA	2,000 UG	NA
Sulfide (S)		NA	NA	NA	NA	NA	NA	NA	NA	NA	2,000 U	NA
Total Organic Carbon		NA	NA	NA	NA	NA	NA	NA	NA	NA	**25,000**	NA

See generic notes pages.

TABLE 4-81

TAL INORGANIC AND GENERAL CHEMISTRY ANALYTICAL RESULTS FOR GROUNDWATER
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	UST7-3R (3.3 - 13.3')								
		7/31/98 FS	10/27/98 FS	1/28/99 FS	4/12/99 FS	7/14/99 FS	10/22/99 FS	1/1/00 FS	5/19/00 FS	8/23/00 FS
Inorganics, Filtered										
Aluminum	240 {B,V}*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	6.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	50 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2,000 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	4.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	5.0 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	100 {A,B,H}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	100	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1,000 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	6.0 {L}*	NA	3.0 U	1.0 U	1.0 U	3.0 U	3.0 U	4.0 U	NA	3.0 U
Magnesium	1,100,000 {B}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	2,100 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	2.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	100 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium		NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	50 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	98 {B}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	350,000	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	2.0 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	62	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	20,000 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics, Unfiltered										
Lead	6.0 {L}*	100 U	NA	NA	NA	NA	NA	NA	3.0 U	NA
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Geochemical Parameters										
Alkalinity, Total		NA	NA	NA	NA	NA	NA	NA	NA	NA
Ferrous Iron		NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	250,000 {E}	NA	NA	NA	NA	NA	NA	NA	**27,600**	NA
Sulfide (S)		NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon		NA	NA	NA	NA	NA	NA	NA	NA	NA

See generic notes pages.

TABLE 4-81

TAL INORGANIC AND GENERAL CHEMISTRY ANALYTICAL RESULTS FOR GROUNDWATER
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	UST7-4 (7 - 12')										
		6/19/96	7/31/98	10/27/98	1/28/99	4/12/99	7/14/99	10/22/99	1/1/00	5/18/00	8/23/00	
		FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	DUP
Inorganics, Filtered												
Aluminum	240 {B,V}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	6.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	50 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2,000 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	4.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	5.0 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	100 {A,B,H}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1,000 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	6.0 {L}*	NA	NA	3.0 U	1.0 U	1.0 U	3.0 U	3.0 U	17	NA	3.0 U	3.0 U
Magnesium	1,100,000 {B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	2,100 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	2.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	100 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	50 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	98 {B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	350,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	2.0 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	20,000 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics, Unfiltered												
Lead	6.0 {L}*	3.0 U	100 U	NA	NA	NA	NA	NA	NA	9.4	NA	NA
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Geochemical Parameters												
Alkalinity, Total		**240,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ferrous Iron		**8,300 J**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sulfate	250,000 {E}	**6,000**	***6,000***	NA	NA	NA	NA	NA	NA	**30,500**	NA	NA
Sulfide (S)		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Total Organic Carbon		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA

See generic notes pages.

TABLE 4-81

TAL INORGANIC AND GENERAL CHEMISTRY ANALYTICAL RESULTS FOR GROUNDWATER AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	UST7-5 (7 - 12') 6/19/96 FS	7/31/98 FS	10/27/98 FS	1/28/99 FS	4/12/99 FS	7/14/99 FS	10/22/99 FS	1/1/00 FS	5/17/00 FS	5/17/00 DUP	8/23/00 FS	UST7-6 6/19/96 FS
Inorganics, Filtered													
Aluminum	240 {B,V}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	6.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	50 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Barium	2,000 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	4.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	5.0 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Calcium		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	100 {A,B,H}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	100	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Copper	1,000 {E}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Iron	13,000 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Lead	6.0 {L}*	NA	NA	3.0 U	**10**	**5.0**	**4.0**	**5.0**	3.0 U	NA	NA	3.0 U	NA
Magnesium	1,100,000 {B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	2,100 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	2.0 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	100 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Potassium		NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	50 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Silver	98 {B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	350,000	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	2.0 {A,B}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	62	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	20,000 {B,E}*	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Inorganics, Unfiltered													
Lead	6.0 {L}*	**46**	100 U	NA	NA	NA	NA	NA	NA	**20**	**13**	NA	3.0 U
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Geochemical Parameters													
Alkalinity, Total		**210,000**	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	**180,000**
Ferrous Iron		**24,300 J**	NA	NA	NA	NA	NA	NA	NA	**22,000**	**49,000**	NA	**9,800 J**
Sulfate	250,000 {E}	**8,000**	NA	NA	NA	NA	NA	NA	NA	**71,000**	**81,000**	NA	5,000 U
Sulfide (S)		NA	NA	NA	NA	NA	NA	NA	NA	2,000 U	2,000 U	NA	NA
Total Organic Carbon		NA	NA	NA	NA	NA	NA	NA	NA	**26,000**	**28,000**	NA	NA

See generic notes pages.

TABLE 4-82

SUMMARY OF MICROBIOLOGICAL ANALYTICAL RESULTS
FORMER UST #7 AREA

SMI PLANT PROPERTY,
GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Total Heterotrophic Plate Count Results (cfu/g)

Sample	24 Hours	48 Hours	Strain Types
BBL-SB1 (8-10' bgs)	37,600	53,100	6
BBL-SB5 (20-22' bgs)	500	600	2

24-Hour Endpoint Assay Results

Strain	Identification	Percentage in Sample SB-1	Percentage in Sample SB-5	Ability to Use Gasoline as a Major Carbon Source
1	*Bacillus cereus*	35%	90%	Inhibited
2	*Bacillus mycoides*	15%	0%	Good
3	*Bacillus subtilis*	20%	0%	Inhibited
4	*Bacillus subtilis*	10%	10%	Inhibited
5	*Bacillus megaterium*	10%	0%	Inhibited
6	*Bacillus megaterium*	10%	0%	Inhibited

General Notes:
Microbiologic analyses performed by Microbe Inotech Laboratories, Inc.
cfu/g = colony forming units per gram.
Soil samples collected at depth during May 1996.
"Inhibited" = strain did not readily use gasoline as a major carbon source compared to both positive and negative controls when added to laboratory cultures; however, this result is based on a 24-hour incubation time and does not preclude long-term use of gasoline as a major source of carbon.
"Good" = strain selectively used gasoline as a major carbon source in the presence of both positive and negative controls.

TABLE 4-83

DISSOLVED GASES AND FIELD PARAMETERS FOR GROUNDWATER
AT FORMER UST #7 LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	Groundwater Sample Location											Background MWs	
Constituent (mg/L)	UST7-1 6/19/96 FS	UST7-2 6/19/96 FS	UST7-4 6/19/96 FS	UST7-5 6/19/96 FS	UST7-6 6/19/96 FS	BBL-MW1 6/20/96 FS	BBL-MW2 6/18/96 FS	BBL-MW3 6/18/96 FS	BBL-MW4 6/18/96 FS	BBL-MW5 6/19/96 FS	MW-135WT 6/18/96 FS	MW-138WT 6/10/96 FS	MW-139WT 6/13/96 FS
Dissolved Gases													
DO	1.00	0.40	2.80	0.80	0.10	0.25	0.20	0.40	0.51	0.10	0.42	5.90	6.90
DCO2	152.0	117.8	84.4	61.8	73.8	69.9	56.2	232.0	204.0	79.8	168.0	44.9	23.9
DCO	-	<0.4	-	<0.4	-	-	-	-	-	-	-	<0.4	<0.4
DN2	-	3.2	-	11.3	-	-	-	-	-	-	-	18.2	17.2
DCH4	-	15.6	-	3.7	-	-	-	-	-	-	-	<0.2	<0.2
Field Parameters													
Temperature (degrees C)	19.1	17.0	14.4	22.8	18.9	26.2	25.8	15.1	12.9	16.9	15.6	13.9	14.7
Conductivity (ms/cm)	0.512	0.735	0.901	0.683	0.619	0.339	0.335	0.680	1.190	0.659	1.450	1.340	1.140
pH (st. units)	6.44	6.24	6.84	6.74	6.72	7.00	6.51	6.29	6.66	6.79	6.58	7.48	7.51
Turbidity (NTU)	143	>999	23	5.78	11	21	11	37	2	15	2	55	2
ORP (mV)	-134.8	-83.6	-135.5	-142.2	-162.2	-166.3	-115.7	-111.4	-170.6	-168.0	-135.4	80.0	185.0

See generic notes pages.

TABLE 4-84

RETARDATION FACTOR CALCULATIONS FOR GROUNDWATER CONSTITUENTS OF INTEREST
FORMER UST #7 AREA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituent	Log K_{ow}	Log K_{oc}	f_{oc}	K_d	ρ_b (g/cm^3)	n_e	R_f	V_w (ft/day)	V_c (ft/day)
Benzene	2.13	1.92	0.0056	0.5	1.81	0.315	4	1.2	0.33
Toluene	2.65	2.44	0.0056	1.5	1.81	0.315	10	1.2	0.12
Ethylbenzene	3.13	2.92	0.0056	4.7	1.81	0.315	28	1.2	0.04
Xylenes (average)	3.17	2.96	0.0056	5.1	1.81	0.315	30	1.2	0.04
1,2,4-TMB	3.42	3.21	0.0056	9.1	1.81	0.315	53	1.2	0.02
1,3,5-TMB	3.65	3.44	0.0056	15.4	1.81	0.315	90	1.2	0.01

General Notes:

K_{ow} = octanol water partition coefficient. Values from Mott, 1995.

K_{oc} = organic carbon partition coefficient. Values from Mott, 1995.

f_{oc} = fraction of organic carbon in soil. Assumed to be 10% of soil organic content.

K_d = distribution coefficient. Calculated as: $K_d = f_{oc} \times K_{oc}$ (Freeze and Cherry, 1979).

ρ_b = bulk density of saturated soil.

n_e = effective porosity of saturated soil.

R_f = retardation factor of constituent. Calculated as: $R_f = 1 + (\rho_b \times K_d) / n_e$ (Freeze and Cherry, 1979).

V_w = average linear groundwater velocity.

V_c = average linear velocity of constituent in groundwater. Calculated as $V_c = V_w / R_f$ (Freeze and Cherry, 1979).

These calculations provide an **estimate only** of the retardation factors for each compound.

Previous Metal Feedstock Area Soil Analytical Data

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 4-85

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR SOIL
AT PREVIOUS METAL FEEDSTOCK AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-304 (0 - 1') 2/8/95 FS	SB-304 (2 - 4') 2/8/95 FS	SB-304 (6 - 8') 2/8/95 FS	SB-305 (0 - 1') 2/8/95 FS	SB-305 (2 - 4') 2/8/95 FS	SB-305 (6 - 8') 2/8/95 FS	SB-305 (10 - 12') 2/8/95 FS
1,1,1,2-Tetrachloroethane	440,000 {C}	6,400	NA	NA	NA	NA	NA	NA	6.9 U
1,1,1-Trichloroethane	460,000 {C}	4,000	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
1,1,2,2-Tetrachloroethane	370,000	700	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
1,1,2-Trichloroethane	920,000 {C}	100	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
1,1-Dichloroethane	890,000 {C}	50,000	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
1,1-Dichloroethene	570,000 {C,I}	140 {I}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
1,2,3-Trichloropropane	830,000 {C}	2,400	NA	NA	NA	NA	NA	NA	6.9 U
1,2-Dibromo-3-chloropropan	1,200 {C}	4.0 {M}	NA	NA	NA	NA	NA	NA	14 UJ
1,2-Dibromoethane	660	10 {M}	NA	NA	NA	NA	NA	NA	6.9 U
1,2-Dichlorobenzene	210,000 {C}	14,000	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
1,2-Dichloroethane	640,000 {I}	100 {I}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
1,2-Dichloroethene, Total	640,000 {C}	1,400	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
1,2-Dichloropropane	550,000 {C,I}	100 {I}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
1,3-Dichlorobenzene	170,000 {C}	480	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
1,4-Dichlorobenzene	2,900,000	1,700	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
1,4-Dioxane	3,700,000 {I}	7,000 {I}	NA	NA	NA	NA	NA	NA	1,400 U
2-Butanone	27,000,000 {C,I,AD}	760,000 {I}	54 U	53 U	63 U	56 UJ	54 U	56 U	**12 J**
2-Chloro-1,3-butadiene			NA	NA	NA	NA	NA	NA	6.9 U
2-Hexanone	2,500,000 {C}	58,000	54 U	53 U	63 U	56 UJ	54 U	56 U	69 U
3-Chloro-1-propene			NA	NA	NA	NA	NA	NA	7.0 UJ
4-Methyl-2-pentanone	2,700,000 {C,I}	100,000 {I}	54 U	53 U	63 U	56 UJ	54 U	56 U	69 U
Acetone	110,000,000 {I}	42,000 {I}	54 U	5.3 U	9.2 U	56 UJ	54 U	**34 JB**	**63 JB**
Acetonitrile	21,000,000	8,000	NA	NA	NA	NA	NA	NA	69 UJ
Acrolein	18,000,000 {I}	6,600 {I}	NA	NA	NA	NA	NA	NA	69 UJ
Acrylonitrile	110,000 {I}	220 {I}	NA	NA	NA	NA	NA	NA	69 U
Benzene	400,000 {C,I}	100 {I}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Bromodichloromethane	750,000	2,000 {W}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Bromoform	870,000 {C}	2,000 {W}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Bromomethane	1,600,000	580	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Carbon disulfide	280,000 {C,I,R,AD}	46,000 {I,R}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Carbon tetrachloride	390,000 {C}	100	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Chlorobenzene	260,000 {C,I}	2,000 {I}	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
Chlorodibromomethane	610,000 {C}	2,000 {W}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Chloroethane	950,000 {C}	34,000	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Chloroform	1,500,000 {C}	2,000 {W}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Chloromethane	1,100,000 {C,I}	22,000 {I}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
cis-1,2-Dichloroethene	640,000 {C}	1,400	NA	NA	NA	NA	NA	NA	6.9 U
cis-1,3-Dichloropropene		1,300	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
cis-1,3-Dichloropropene	620,000 {C}		5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Dibromomethane	2,000,000 {C}	4,600	NA	NA	NA	NA	NA	NA	6.9 U
Dichlorodifluoromethane	1,000,000 {C}	270,000	NA	NA	NA	NA	NA	NA	6.9 U
Ethylbenzene	140,000 {C,I}	1,500 {I}	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
Iodomethane			NA	NA	NA	NA	NA	NA	14 U
Isobutyl alcohol	8,900,000 {C,I}	130,000 {I}	NA	NA	NA	NA	NA	NA	690 U
Methacrylonitrile			NA	NA	NA	NA	NA	NA	27 U
Methyl methacrylate			NA	NA	NA	NA	NA	NA	6.9 U
Methylene chloride	2,300,000 {C}	100	8.6 U	8.0 U	6.4 U	**32 J**	19 U	13 U	6.9 U
Propionitrile			NA	NA	NA	NA	NA	NA	27 U
Pyridine	37,000 {C,I}	420 {I}	NA	NA	NA	NA	NA	NA	230 U
Styrene	520,000 {C}	2,700	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
Tetrachloroethene	88,000 {C}	100	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
Toluene	250,000 {C,I}	16,000 {I}	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	**25**	**17**
trans-1,2-Dichloroethene	1,400,000 {C}	2,000	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
trans-1,3-Dichloropropene	620,000 {C}	1,300	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
trans-1,4-Dichloro-2-butene			NA	NA	NA	NA	NA	NA	6.9 UJ
Trichloroethene	500,000 {C}	100	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Trichlorofluoromethane	560,000 {C}	150,000	NA	NA	NA	NA	NA	NA	7.0 UJ
Vinyl acetate	2,400,000 {C,I,AD}	36,000 {I}	NA	NA	NA	NA	NA	NA	69 U
Vinyl chloride	29,000	40	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Xylenes, Total	150,000 {C,I}	5,600 {I}	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U

See generic notes pages.

TABLE 4-85

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR SOIL
AT PREVIOUS METAL FEEDSTOCK AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-304 (0 - 1') 2/8/95 FS	SB-304 (2 - 4') 2/8/95 FS	SB-304 (6 - 8') 2/8/95 FS	SB-305 (0 - 1') 2/8/95 FS	SB-305 (2 - 4') 2/8/95 FS	SB-305 (6 - 8') 2/8/95 FS	SB-305 (10 - 12') 2/8/95 FS
1,1,1,2-Tetrachloroethane	440,000 {C}	6,400	NA	NA	NA	NA	NA	NA	6.9 U
1,1,1-Trichloroethane	460,000 {C}	4,000	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
1,1,2,2-Tetrachloroethane	370,000	700	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
1,1,2-Trichloroethane	920,000 {C}	100	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
1,1-Dichloroethane	890,000 {C}	50,000	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
1,1-Dichloroethene	570,000 {C,I}	140 {I}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
1,2,3-Trichloropropane	830,000 {C}	2,400	NA	NA	NA	NA	NA	NA	6.9 U
1,2-Dibromo-3-chloropropan	1,200 {C}	4.0 {M}	NA	NA	NA	NA	NA	NA	14 UJ
1,2-Dibromoethane	660	10 {M}	NA	NA	NA	NA	NA	NA	6.9 U
1,2-Dichlorobenzene	210,000 {C}	14,000	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
1,2-Dichloroethane	640,000 {I}	100 {I}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
1,2-Dichloroethene, Total	640,000 {C}	1,400	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
1,2-Dichloropropane	550,000 {C,I}	100 {I}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
1,3-Dichlorobenzene	170,000 {C}	480	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
1,4-Dichlorobenzene	2,900,000	1,700	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
1,4-Dioxane	3,700,000 {I}	7,000 {I}	NA	NA	NA	NA	NA	NA	1,400 U
2-Butanone	27,000,000 {C,I,AD}	760,000 {I}	54 U	53 U	63 U	56 UJ	54 U	56 U	**12 J**
2-Chloro-1,3-butadiene			NA	NA	NA	NA	NA	NA	6.9 U
2-Hexanone	2,500,000 {C}	58,000	54 U	53 U	63 U	56 UJ	54 U	56 U	69 U
3-Chloro-1-propene			NA	NA	NA	NA	NA	NA	7.0 UJ
4-Methyl-2-pentanone	2,700,000 {C,I}	100,000 {I}	54 U	53 U	63 U	56 UJ	54 U	56 U	69 U
Acetone	110,000,000 {I}	42,000 {I}	54 U	5.3 U	9.2 U	56 UJ	54 U	**34 JB**	**63 JB**
Acetonitrile	21,000,000	8,000	NA	NA	NA	NA	NA	NA	69 UJ
Acrolein	18,000,000 {I}	6,600 {I}	NA	NA	NA	NA	NA	NA	69 UJ
Acrylonitrile	110,000 {I}	220 {I}	NA	NA	NA	NA	NA	NA	69 U
Benzene	400,000 {C,I}	100 {I}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Bromodichloromethane	750,000	2,000 {W}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Bromoform	870,000 {C}	2,000 {W}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Bromomethane	1,600,000	580	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Carbon disulfide	280,000 {C,I,R,AD}	46,000 {I,R}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Carbon tetrachloride	390,000 {C}	100	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Chlorobenzene	260,000 {C,I}	2,000 {I}	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
Chlorodibromomethane	610,000 {C}	2,000 {W}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Chloroethane	950,000 {C}	34,000	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Chloroform	1,500,000 {C}	2,000 {W}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Chloromethane	1,100,000 {C,I}	22,000 {I}	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
cis-1,2-Dichloroethene	640,000 {C}	1,400	NA	NA	NA	NA	NA	NA	6.9 U
cis-1,3-Dichloropropene		1,300	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
cis-1,3-Dichloropropene	620,000 {C}		5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Dibromomethane	2,000,000 {C}	4,600	NA	NA	NA	NA	NA	NA	6.9 U
Dichlorodifluoromethane	1,000,000 {C}	270,000	NA	NA	NA	NA	NA	NA	6.9 U
Ethylbenzene	140,000 {C,I}	1,500 {I}	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
Iodomethane			NA	NA	NA	NA	NA	NA	14 U
Isobutyl alcohol	8,900,000 {C,I}	130,000 {I}	NA	NA	NA	NA	NA	NA	690 U
Methacrylonitrile			NA	NA	NA	NA	NA	NA	27 U
Methyl methacrylate			NA	NA	NA	NA	NA	NA	6.9 U
Methylene chloride	2,300,000 {C}	100	8.6 U	8.0 U	6.4 U	**32 J**	19 U	13 U	6.9 U
Propionitrile			NA	NA	NA	NA	NA	NA	27 U
Pyridine	37,000 {C,I}	420 {I}	NA	NA	NA	NA	NA	NA	230 U
Styrene	520,000 {C}	2,700	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
Tetrachloroethene	88,000 {C}	100	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
Toluene	250,000 {C,I}	16,000 {I}	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	**25**	**17**
trans-1,2-Dichloroethene	1,400,000 {C}	2,000	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
trans-1,3-Dichloropropene	620,000 {C}	1,300	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
trans-1,4-Dichloro-2-butene			NA	NA	NA	NA	NA	NA	6.9 UJ
Trichloroethene	500,000 {C}	100	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Trichlorofluoromethane	560,000 {C}	150,000	NA	NA	NA	NA	NA	NA	7.0 UJ
Vinyl acetate	2,400,000 {C,I,AD}	36,000 {I}	NA	NA	NA	NA	NA	NA	69 U
Vinyl chloride	29,000	40	5.4 U	5.3 U	6.3 U	5.6 U	5.4 U	5.6 U	6.9 U
Xylenes, Total	150,000 {C,I}	5,600 {I}	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U

See generic notes pages.

TABLE 4-86

TCL AND APPENDIX IX SVOC ANALYTICAL RESULTS FOR SOIL
AT PREVIOUS METAL FEEDSTOCK AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-304 (0 - 1') 2/8/95 FS	SB-304 (2 - 4') 2/8/95 FS	SB-304 (6 - 8') 2/8/95 FS	SB-305 (0 - 1') 2/8/95 FS	SB-305 (2 - 4') 2/8/95 FS	SB-305 (6 - 8') 2/8/95 FS	SB-305 (10 - 12') 2/8/95 FS
1,2,4,5-Tetrachlorobenzene	380,000,000 {D}	1,500,000	NA	NA	NA	NA	NA	NA	230 U
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	4,200	180 U	180 U	210 U	190 U	180 U	180 U	230 U
1,2-Dichlorobenzene	210,000 {C}	14,000	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
1,3,5-Trinitrobenzene			NA	NA	NA	NA	NA	NA	R
1,3-Dichlorobenzene	170,000 {C}	480	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
1,3-Dinitrobenzene			NA	NA	NA	NA	NA	NA	230 U
1,4-Dichlorobenzene	2,900,000	1,700	5.4 U	5.3 U	6.3 U	5.6 UJ	5.4 U	5.6 U	6.9 U
1,4-Naphthoquinone			NA	NA	NA	NA	NA	NA	4,500 UJ
1-Naphthylamine			NA	NA	NA	NA	NA	NA	230 U
2,2'-oxybis(dichloropropane)			180 U	180 U	210 U	190 U	180 U	180 U	230 U
2,3,4,6-Tetrachlorophenol			NA	NA	NA	NA	NA	NA	1,100 U
2,4,5-Trichlorophenol	110,000,000	110,000	180 U	180 U	210 U	190 U	180 U	180 U	230 U
2,4,6-Trichlorophenol	5,000,000	9,400	180 U	180 U	210 U	190 U	180 U	180 U	230 U
2,4-Dichlorophenol	1,800,000 {C,AD}	4,200	180 U	180 U	210 U	190 U	180 U	180 U	230 U
2,4-Dimethylphenol	56,000,000	20,000	180 U	180 U	210 U	190 U	180 U	180 U	230 U
2,4-Dinitrophenol			860 U	850 U	1,000 U	900 U	860 U	890 U	1,100 U
2,4-Dinitrotoluene	340,000	640	180 U	180 U	210 U	190 U	180 U	180 U	230 U
2,4-Toluenediamine			NA	NA	NA	NA	NA	NA	230 UJ
2,6-Dichlorophenol			NA	NA	NA	NA	NA	NA	230 U
2,6-Dinitrotoluene			180 U	180 U	210 U	190 U	180 U	180 U	230 U
2-Acetylaminofluorene			NA	NA	NA	NA	NA	NA	450 U
2-Chloronaphthalene	280,000,000	1,800,000	180 U	180 U	210 U	190 U	180 U	180 U	230 U
2-Chlorophenol	6,900,000	2,600	180 U	180 U	210 U	190 U	180 U	180 U	230 U
2-Methylnaphthalene	40,000,000	170,000	**70 J**	180 U	**58 J**	**120 J**	**140 J**	**840**	230 U
2-Methylphenol	56,000,000 {J}	20,000 {J}	180 U	180 U	210 U	190 U	180 U	180 U	230 U
2-Naphthylamine			NA	NA	NA	NA	NA	NA	230 U
2-Nitroaniline			860 U	850 U	1,000 U	900 U	860 U	890 U	1,100 U
2-Nitrophenol	3,100,000	1,200	180 U	180 U	210 U	190 U	180 U	180 U	230 U
2-Picoline			NA	NA	NA	NA	NA	NA	450 U
3,3'-Dichlorobenzidine	47,000	2,000 {M}	360 U	350 U	410 U	370 U	350 U	370 U	450 U
3,3'-Dimethylbenzidine			NA	NA	NA	NA	NA	NA	1,100 U
3-Methylcholanthrene			NA	NA	NA	NA	NA	NA	2,300 U
3-Methylphenol	56,000,000 {J}	20,000 {J}	NA	NA	NA	NA	NA	NA	230 U
3-Nitroaniline			860 U	850 U	1,000 U	900 U	860 U	890 U	1,100 U
4,6-Dinitro-2-methylphenol	390,000	1,700 {M}	860 U	850 U	1,000 U	900 U	860 U	890 U	1,100 U
4-Aminobiphenyl			NA	NA	NA	NA	NA	NA	1,100 U
4-Bromophenyl phenyl ether			180 U	180 U	210 U	190 U	180 U	180 U	230 U
4-Chloro-3-methylphenol	22,000,000	16,000	180 U	180 U	210 U	190 U	180 U	180 U	230 U
4-Chloroaniline			180 U	350 U	210 U	190 U	180 U	180 U	230 U
4-Chlorophenyl phenyl ether			180 U	180 U	210 U	190 U	180 U	180 U	230 U
4-Methylphenol	56,000,000 {J}	20,000 {J}	180 U	180 U	210 U	190 U	180 U	**42 J**	230 U
4-Nitroaniline			860 U	850 U	1,000 U	900 U	860 U	890 U	1,100 U
4-Nitrophenol			860 U	850 U	1,000 U	900 U	860 U	890 U	1,100 U

See generic notes pages.

TABLE 4-86

TCL AND APPENDIX IX SVOC ANALYTICAL RESULTS FOR SOIL
AT PREVIOUS METAL FEEDSTOCK AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-304 (0 - 1') 2/8/95 FS	SB-304 (2 - 4') 2/8/95 FS	SB-304 (6 - 8') 2/8/95 FS	SB-305 (0 - 1') 2/8/95 FS	SB-305 (2 - 4') 2/8/95 FS	SB-305 (6 - 8') 2/8/95 FS	SB-305 (10 - 12') 2/8/95 FS
4-Nitroquinoline1-oxide			NA	NA	NA	NA	NA	NA	2,300 U
5-Nitro-o-toluidine			NA	NA	NA	NA	NA	NA	230 U
7,12-Dimethylbenz(a)anthracene			NA	NA	NA	NA	NA	NA	2,300 U
Acenaphthene	200,000,000	880,000	180 U	180 U	210 U	190 U	180 U	**52 J**	230 U
Acenaphthylene	8,000,000	17,000	180 U	180 U	210 U	190 U	180 U	180 U	230 U
Acetophenone	1,100,000 {C}	88,000	NA	NA	NA	NA	NA	NA	230 U
alpha,alpha-Dimethyl phenethylamine			NA	NA	NA	NA	NA	NA	2,200 U
Aniline	2,300,000	4,400	NA	NA	NA	NA	NA	NA	230 U
Anthracene	1,000,000,000 {D}	41,000	180 U	180 U	210 U	190 U	180 U	**41 J**	230 U
Aramite			NA	NA	NA	NA	NA	NA	1,100 UJ
Benzidine	1,000 {M}	1,000 {M}	NA	NA	NA	NA	NA	NA	230 UJ
Benzo(a)anthracene	100,000 {Q}	NLL {Q}	**40 J**	**53 J**	210 U	190 U	180 U	**38 J**	230 U
Benzo(a)pyrene	10,000 {Q}	NLL {Q}	**32 J**	**55 J**	210 UJ	190 U	180 U	180 U	230 U
Benzo(b)fluoranthene	100,000 {Q}	NLL {Q}	**56 J**	**88 J**	210 U	190 U	180 U	**42 J**	230 U
Benzo(g,h,i)perylene	9,100,000	NLL	**22 J**	**31 J**	210 UJ	190 UJ	180 UJ	180 UJ	230 UJ
Benzo(k)fluoranthene	1,000,000 {Q}	NLL {Q}	**20 J**	180 U	210 U	190 U	180 U	180 U	230 U
Benzyl alcohol	5,800,000 {C}	580,000	NA	NA	NA	NA	NA	NA	230 U
bis(2-Chloroethoxy)methane			180 U	180 U	210 U	190 U	180 U	180 U	230 U
bis(2-Chloroethyl)ether	89,000 {I}	330 {I,M}	180 U	180 U	210 U	190 U	180 U	180 U	230 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	NLL	180 U	**4,300**	210 U	190 U	180 U	180 U	230 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	180 U	180 U	210 U	190 U	180 U	180 U	230 U
Carbazole	3,700,000	39,000	180 U	180 U	210 U	190 U	180 U	180 U	230 U
Chrysene	10,000,000 {Q}	NLL {Q}	**64 J**	**77 J**	210 U	190 U	**26 J**	**68 J**	230 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	180 U	180 U	210 U	180 U	180 U	180 U	230 U
Di-n-octyl phthalate	28,000,000	140,000,000 {C}	180 U	180 U	210 U	190 U	180 U	180 U	230 U
Diallate			NA	NA	NA	NA	NA	NA	230 U
Dibenz(a,h)anthracene	10,000 {Q}	NLL {Q}	180 UJ	180 UJ	210 UJ	190 UJ	180 UJ	180 UJ	230 UJ
Dibenzofuran	ID	ID	**19 J**	180 U	210 U	**27 J**	180 U	**58 J**	230 U
Diethyl phthalate	740,000 {C}	320,000	180 U	180 U	210 U	190 U	180 U	180 U	230 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	180 U	180 U	210 U	190 U	180 U	180 U	230 U
Diphenylamine			NA	NA	NA	NA	NA	NA	230 U
Ethyl methacrylate			NA	NA	NA	NA	NA	NA	6.9 U
Ethyl methanesulfonate			NA	NA	NA	NA	NA	NA	230 U
Fluoranthene	180,000,000	730,000	**74 J**	**95 J**	210 U	190 U	**32 J**	**72 J**	230 U
Fluorene	130,000,000	890,000	180 U	180 U	210 U	190 U	180 U	**110 J**	230 U
Hexachlorobenzene	51,000	1,800	180 U	**110 J**	210 U	190 U	180 U	180 U	230 U
Hexachlorobutadiene	350,000 {C}	72,000	180 U	180 U	210 U	190 U	180 U	180 U	230 U
Hexachlorocyclopentadiene	720,000 {C}	320,000	180 U	180 U	210 U	190 U	180 U	180 U	230 U
Hexachloroethane	1,100,000	1,200	180 U	180 U	210 U	190 U	180 U	180 U	230 U
Hexachlorophene			NA	NA	NA	NA	NA	NA	230 UJ
Hexachloropropene			NA	NA	NA	NA	NA	NA	2,300 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	NLL {Q}	**21 J**	**28 J**	210 UJ	190 UJ	180 UJ	180 UJ	230 U
Isophorone	2,400,000 {C}	62,000	180 U	180 U	210 U	**210**	**380**	180 U	230 U

See generic notes pages.

TABLE 4-86

TCL AND APPENDIX IX SVOC ANALYTICAL RESULTS FOR SOIL
AT PREVIOUS METAL FEEDSTOCK AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-304 (0 - 1') 2/8/95 FS	SB-304 (2 - 4') 2/8/95 FS	SB-304 (6 - 8') 2/8/95 FS	SB-305 (0 - 1') 2/8/95 FS	SB-305 (2 - 4') 2/8/95 FS	SB-305 (6 - 8') 2/8/95 FS	SB-305 (10 - 12') 2/8/95 FS
Isosafrole, Total			NA	NA	NA	NA	NA	NA	230 U
Methapyrilene			NA	NA	NA	NA	NA	NA	2,300 U
Methyl methanesulfonate			NA	NA	NA	NA	NA	NA	230 U
N-Nitroso-di-n-propylamine	8,300	330 {M}	180 U	180 U	210 U	190 U	180 U	180 U	230 U
N-Nitrosodi-n-butylamine			NA	NA	NA	NA	NA	NA	230 U
N-Nitrosodiethylamine			NA	NA	NA	NA	NA	NA	230 U
N-Nitrosodimethylamine			NA	NA	NA	NA	NA	NA	230 U
N-Nitrosodiphenylamine	12,000,000	22,000	180 U	180 U	210 U	190 U	180 U	180 U	230 U
N-Nitrosomethylethylamine			NA	NA	NA	NA	NA	NA	230 U
N-Nitrosomorpholine			NA	NA	NA	NA	NA	NA	230 U
N-Nitrosopiperidine			NA	NA	NA	NA	NA	NA	230 U
N-Nitrosopyrrolidine			NA	NA	NA	NA	NA	NA	230 U
Naphthalene	80,000,000	100,000	**48 J**	180 U	**42 J**	**97 J**	**85 J**	**630**	230 U
Nitrobenzene	490,000 {C,I}	330 {I,M}	180 U	180 U	210 U	190 U	180 U	180 U	230 U
o-Toluidine			NA	NA	NA	NA	NA	NA	230 U
p-Chlorobenzilate			NA	NA	NA	NA	NA	NA	230 U
p-Dimethylaminoazobenzene			NA	NA	NA	NA	NA	NA	450 U
p-Phenylene diamine			NA	NA	NA	NA	NA	NA	1,100 U
Pentachlorobenzene	190,000 {C}	81,000	NA	NA	NA	NA	NA	NA	230 U
Pentachloroethane			NA	NA	NA	NA	NA	NA	1,100 U
Pentachloronitrobenzene	8,400,000	37,000	NA	NA	NA	NA	NA	NA	1,100 U
Pentachlorophenol	390,000	22	860 U	850 U	1,000 U	900 U	860 U	890 U	1,100 U
Phenacetin			NA	NA	NA	NA	NA	NA	1,100 U
Phenanthrene	8,000,000	160,000	**92 J**	**56 J**	**47 J**	**78 J**	**76 J**	**280**	230 U
Phenol	12,000,000 {C,AD}	260,000	180 U	180 U	210 U	**32 J**	180 U	180 U	230 U
Pronamide			NA	NA	NA	NA	NA	NA	450 U
Pyrene	110,000,000	480,000	**57 J**	**72 J**	**24 J**	190 U	**27 J**	**90 J**	230 U
Safrole, Total			NA	NA	NA	NA	NA	NA	230 U
Tetraethyl Dithiopyrophosphate			NA	NA	NA	NA	NA	NA	1,100 U

See generic notes pages.

TABLE 4-87

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR SOIL AT PREVIOUS METAL FEEDSTOCK AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-304 (0 - 1') 2/8/95 FS	SB-304 (2 - 4') 2/8/95 FS	SB-304 (6 - 8') 2/8/95 FS	SB-305 (0 - 1') 2/8/95 FS	SB-305 (2 - 4') 2/8/95 FS	SB-305 (6 - 8') 2/8/95 FS	SB-305 (10 - 12') 2/8/95 FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	180 U	180 U	210 UJ	190 U	180 U	180 UJ	230 U
Aroclor-1221	20,000 {J,T}	NLL {J,T}	180 U	180 U	210 UJ	190 U	180 U	180 UJ	230 U
Aroclor-1232	20,000 {J,T}	NLL {J,T}	180 U	180 U	210 UJ	190 U	180 U	180 UJ	230 U
Aroclor-1242	20,000 {J,T}	NLL {J,T}	180 U	180 U	210 UJ	190 U	180 U	180 UJ	230 U
Aroclor-1248	20,000 {J,T}	NLL {J,T}	180 U	180 U	210 UJ	190 U	180 U	180 UJ	230 U
Aroclor-1254	20,000 {J,T}	NLL {J,T}	**1,600**	**1,000**	210 UJ	190 U	**970**	180 UJ	230 U
Aroclor-1260	20,000 {J,T}	NLL {J,T}	360 U	350 U	210 UJ	190 U	360 U	180 UJ	230 U
Total Aroclors	20,000 {J,T}	NLL {J,T}	**1,600**	**1,000**	ND	ND	**970**	ND	ND

See generic notes pages.

TABLE 4-88

APPENDIX IX PESTICIDE/HERBICIDE AND DIOXIN/FURAN ANALYTICAL RESULTS FOR SOIL AT PREVIOUS METAL FEEDSTOCK AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-305 (10 - 12') 2/8/95 FS
2,4,5-T			34 U
2,4,5-TP(Silvex)	8,400,000	3,600	34 U
2,4-D	15,000,000	1,400	140 U
4,4'-DDD	540,000	NLL	2.3 U
4,4'-DDE	260,000	NLL	2.3 U
4,4'-DDT	460,000	NLL	2.3 U
Aldrin	5,900	NLL	1.2 U
alpha-BHC	19,000	71	1.2 U
alpha-Chlordane	240,000 {J}	NLL {J}	2.3 U
beta-BHC	38,000	150	1.2 UJ
delta-BHC			1.2 U
Dieldrin	6,400	NLL	2.3 U
Dimethoate			23 U
Dinoseb	140,000 {C,AD}	300	14 UJ
Disulfoton			23 U
Endosulfan I	6,700,000	NLL	2.3 U
Endosulfan II	6,700,000	NLL	2.3 U
Endosulfan sulfate			2.3 U
Endrin aldehyde			2.3 U
Endrin	260,000	NLL	2.3 U
Famphur			23 UJ
gamma-BHC (Lindane)	73,000	20 {M}	1.2 U
gamma-Chlordane	24,000,000 {J}	NLL {J}	2.3 U
Heptachlor epoxide	13,000	NLL	1.2 U
Heptachlor	32,000	NLL	1.2 U
Isodrin			11 U
Kepone			110 U
Methoxychlor	7,700,000	16,000	34 UJ
Methyl parathion	280,000	130	23 U
O,O,O-Triethylphosphorothioate			23 UJ
Parathion			23 U
Phorate			23 U
Thionazin (Zinophos)			23 U
Toxaphene	120,000	24,000	120 U
2,3,7,8-TCDD	0.99 {O}	NLL {O}	0.0011 U
HxCDDs, Total	0.99 {O}	NLL {O}	0.0015 U
HxCDFs, Total	0.99 {O}	NLL {O}	**0.94**
PeCDDs, Total	0.99 {O}	NLL {O}	0.0024 U
PeCDFs, Total	0.99 {O}	NLL {O}	**3.5**
TCDDs, Total	0.99 {O}	NLL {O}	0.0011 U
TCDFs, Total	0.99 {O}	NLL {O}	**5.6 J**
2,3,7,8-TCDD TEQ	0.99 {O}	NLL {O}	**0.748**

See generic notes pages.

TABLE 4-89

TAL AND APPENDIX IX INORGANIC ANALYTICAL RESULTS FOR SOIL
AT PREVIOUS METAL FEEDSTOCK AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-304 (0 - 1') 2/8/95 FS	SB-304 (2 - 4') 2/8/95 FS	SB-304 (6 - 8') 2/8/95 FS	SB-305 (0 - 1') 2/8/95 FS	SB-305 (2 - 4') 2/8/95 FS	SB-305 (6 - 8') 2/8/95 FS	SB-305 (10 - 12') 2/8/95 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	**7,440,000 J**	**8,870,000**	**3,100,000**	**4,470,000**	**11,700,000**	**3,570,000**	NA
Antimony	1,200,000	4,300	**1,090 J**	2,650 UJ	**571 J**	282 UJ	2,680 UJ*	1,390 UJ*	**366 J**
Arsenic	61,000 {B}	23,000 {B}	**3,620**	**7,600**	**2,050**	**1,290**	**1,300**	**3,600**	**3,910 J**
Barium	250,000,000	1,300,000	**62,100**	**95,500**	**20,100**	**21,700**	**83,400**	**28,000**	**61,900 J**
Beryllium	3,100,000	51,000	**593**	**743**	626 U	565 U	**912**	555 U	687 U
Cadmium	4,100,000 {B}	6,000 {B}	**485**	**3,710**	**60**	**33**	**74**	**36**	**131**
Calcium			**21,800,000**	**11,100,000**	**2,710,000**	**2,130,000**	**55,300,000**	**15,900,000**	NA
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	**62,700**	**84,400**	**12,000**	**14,200**	**125,000**	**77,800**	**14,800**
Cobalt	18,000,000	2,000	5,390 U	**7,910**	6,260 U	5,650 U	5,370 U	5,550 U	6,870 U
Copper	140,000,000	5,800,000	**50,800**	**155,000**	**59,600**	**12,600**	**13,700**	**192,000**	**15,500**
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	270 UJ	**380**	310 U	280 U	270 UJ	280 UJ	340 U
Iron	1,000,000,000 {B,D}	6,000 {B}	**34,800,000**	**87,400,000**	**15,200,000**	**14,800,000**	**22,700,000**	**26,800,000**	NA
Lead	900,000 (draft)	700,000	**39,000**	**279,000**	**37,100**	**3,590**	**18,300**	**23,500**	**9,830 J**
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	**1,680,000**	**1,240,000**	626,000 U	**1,410,000**	**1,840,000**	555,000 U	NA
Manganese	170,000,000 {B}	1,000 {B}	**6,140,000**	**9,190,000**	**1,040,000**	**232,000**	**6,820,000**	**3,830,000**	NA
Mercury	1,100,000	1,700	**155**	**691**	63 UJ	57 UJ	54 UJ	56 UJ	69 UJ
Nickel	270,000,000 {B}	100,000 {B}	**14,200**	**35,700**	**5,070**	**7,510**	**3,540**	**88,200**	**12,400**
Potassium			**740,000**	**772,000**	626,000 U	565,000 U	**1,020,000**	555,000 U	NA
Selenium	18,000,000 {B}	4,000 {B}	NA	2,650 U*	313 U	282 U	2,680 U*	1,390 U*	344 UJ
Silver	17,000,000 {B}	13,000 {B}	NA	2,650 U*	313 U	282 U	2,680 U*	1,390 U*	344 U
Sodium	1,000,000,000 {D}	7,000,000	539,000 U	**5,390,000**	626,000 U	565,000 U	537,000 U	555,000 U	NA
Thallium	240,000 {B}	2,300 {B}	270 U	265 UJ	313 U	282 U	268 UJ	278 U	344 UJ
Tin			NA	NA	NA	NA	NA	NA	137,000 U
Vanadium	10,000,000	990,000	**17,000**	**16,000**	**9,710**	**8,870**	**20,000**	**9,000**	**19,900**
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	**89,800**	**436,000**	**16,800**	**16,500**	**33,100**	**12,300**	**28,600 J**

See generic notes pages.

Potential Worker Exposure Sampling Analytical Data

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

Supplemental Soil Sampling Analytical Data

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 4-90

TCL VOC ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	FS-1 (0 - 1') 6/12/95 FS	FS-2 (0 - 1') 6/12/95 FS	FS-3 (0 - 1') 6/12/95 FS	FS-4 (0 - 1') 6/12/95 FS	FS-5 (0 - 1') 6/12/95 FS	FS-6 (0 - 1') 6/12/95 FS	FS-6 (0 - 1') 6/12/95 DUP	FS-7 (0 - 1') 6/12/95 FS	FS-8 (0 - 1') 6/12/95 FS	RS-1 (0 - 1') 6/13/95 FS	RS-2 (0 - 1') 6/13/95 FS	RS-3 (0 - 1') 6/13/95 FS
1,1,1-Trichloroethane	460,000 {C}	4,000	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
1,1,2,2-Tetrachloroethane	370,000	700	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 UJ	5.2 U	5.3 UJ	5.4 U	5.4 U
1,1,2-Trichloroethane	920,000 {C}	100	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
1,1-Dichloroethane	890,000 {C}	50,000	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
1,1-Dichloroethene	570,000 {C,I}	140 {I}	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
1,2-Dichlorobenzene	210,000 {C}	14,000	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 UJ	5.2 U	5.3 UJ	5.4 U	5.4 U
1,2-Dichloroethane	640,000 {I}	100 {I}	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
1,2-Dichloroethene, Total	640,000 {C}	1,400	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
1,2-Dichloropropane	550,000 {C,I}	100 {I}	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
1,3-Dichlorobenzene	170,000 {C}	480	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 UJ	5.2 U	5.3 UJ	5.4 U	5.4 U
1,4-Dichlorobenzene	2,900,000	1,700	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 UJ	5.2 U	5.3 UJ	5.4 U	5.4 U
2-Butanone	27,000,000 {C,I,AD}	760,000 {I}	54 U	54 U	56 U	56 U	54 U	51 U	51 U	54 U	52 U	53 U	54 U	54 U
2-Hexanone	2,500,000 {C}	58,000	54 U	54 U	56 U	56 U	54 U	51 U	51 U	54 UJ	52 U	53 UJ	54 U	54 U
4-Methyl-2-pentanone	2,700,000 {C,I}	100,000 {I}	54 U	54 U	56 U	56 U	54 U	51 U	51 U	54 U	52 U	53 U	54 U	54 U
Acetone	110,000,000 {I}	42,000 {I}	54 UJ	54 UJ	56 UJ	56 UJ	54 UJ	51 UJ	9.6 UJ	54 UJ	52 UJ	53 UJ	54 UJ	54 UJ
Benzene	400,000 {C,I}	100 {I}	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
Bromodichloromethane	750,000	2,000 {W}	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
Bromoform	870,000 {C}	2,000 {W}	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
Bromomethane	1,600,000	580	5.4 U	5.4 U	5.6 UJ	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
Carbon disulfide	280,000 {C,I,R,AD}	46,000 {I,R}	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
Carbon tetrachloride	390,000 {C}	100	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
Chlorobenzene	260,000 {C,I}	2,000 {I}	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 UJ	5.2 U	5.3 UJ	5.4 U	5.4 U
Chlorodibromomethane	610,000 {C}	2,000 {W}	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
Chloroethane	950,000 {C}	34,000	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 UJ	5.4 U	5.2 U	5.3 UJ	5.4 UJ	5.4 UJ
Chloroform	1,500,000 {C}	2,000 {W}	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
Chloromethane	1,100,000 {C,I}	22,000 {I}	5.4 UJ	5.4 UJ	5.6 U	5.6 UJ	5.4 UJ	5.1 UJ	5.1 UJ	5.4 UJ	5.2 UJ	5.3 UJ	5.4 UJ	5.4 UJ
cis-1,3-Dichloropropene		1,300	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
cis-1,3-Dichloropropene	620,000 {C}		5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
Ethylbenzene	140,000 {C,I}	1,500 {I}	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 UJ	5.2 U	5.3 UJ	5.4 U	5.4 U
Methylene chloride	2,300,000 {C}	100	5.0 U	6.7 U	9.0 UJ	4.0 U	6.7 UJ	14 UJ	9.5 UJ	12 U	8.1 UJ	19 UJ	6.8 U	7.8 UJ
Styrene	520,000 {C}	2,700	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 UJ	5.2 U	5.3 UJ	5.4 U	5.4 U
Tetrachloroethene	88,000 {C}	100	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 UJ	5.2 U	5.3 UJ	5.4 U	5.4 U
Toluene	250,000 {C,I}	16,000 {I}	5.4 U	**13 J**	5.2 U	2.3 U	8.6 UJ	**25 J**	**26 J**	8.0 UJ	**26 J**	5.3 UJ	5.4 U	5.4 U
trans-1,2-Dichloroethene	1,400,000 {C}	2,000	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
trans-1,3-Dichloropropen	620,000 {C}	1,300	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
Trichloroethene	500,000 {C}	100	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
Vinyl chloride	29,000	40	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 U	5.2 U	5.3 U	5.4 U	5.4 U
Xylenes, Total	150,000 {C,I}	5,600 {I}	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 UJ	5.2 U	5.3 UJ	5.4 U	5.4 U

See generic notes pages.

TABLE 4-90

TCL VOC ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	RS-4 (0 - 1') 6/13/95 FS	RS-4 (0 - 1') 6/13/95 DUP	RS-5 (0 - 1') 6/13/95 FS	RS-6 (0 - 1') 6/13/95 FS	RS-7 (0 - 1') 6/13/95 FS	RS-8 (0 - 1') 6/13/95 FS	US-1 (0 - 1') 6/12/95 FS	US-2 (0 - 1') 6/12/95 FS	US-3 (0 - 1') 6/12/95 FS	US-4 (0 - 1') 6/12/95 FS	US-5 (0 - 1') 6/12/95 FS	US-6 (0 - 1') 6/12/95 FS	US-7 (0 - 1') 6/12/95 FS	US-8 (0 - 1') 6/12/95 FS
1,1,1-Trichloroethane	460,000 {C}	4,000	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
1,1,2,2-Tetrachloroethane	370,000	700	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
1,1,2-Trichloroethane	920,000 {C}	100	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
1,1-Dichloroethane	890,000 {C}	50,000	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
1,1-Dichloroethene	570,000 {C,I}	140 {I}	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
1,2-Dichlorobenzene	210,000 {C}	14,000	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
1,2-Dichloroethane	640,000 {I}	100 {I}	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
1,2-Dichloroethene, Total	640,000 {C}	1,400	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
1,2-Dichloropropane	550,000 {C,I}	100 {I}	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
1,3-Dichlorobenzene	170,000 {C}	480	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
1,4-Dichlorobenzene	2,900,000	1,700	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
2-Butanone	27,000,000 {C,I,AD}	760,000 {I}	53 U	53 UJ	53 U	52 U	54 UJ	52 U	**9.4 J**	**10 J**	**6.0 J**	53 U	52 U	52 U	51 U	51 U
2-Hexanone	2,500,000 {C}	58,000	53 U	53 UJ	53 U	52 U	54 UJ	52 U	63 U	54 U	53 U	53 U	52 U	52 U	51 U	51 U
4-Methyl-2-pentanone	2,700,000 {C,I}	100,000 {I}	53 U	53 UJ	53 U	52 U	54 UJ	52 U	63 U	54 U	53 U	53 U	52 U	52 U	51 U	51 U
Acetone	110,000,000 {I}	42,000 {I}	53 UJ	53 UJ	**11 J**	52 UJ	15 UJ	52 UJ	**52 J**	**66 J**	**39 J**	53 UJ	52 UJ	52 UJ	51 UJ	51 UJ
Benzene	400,000 {C,I}	100 {I}	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Bromodichloromethane	750,000	2,000 {W}	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Bromoform	870,000 {C}	2,000 {W}	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Bromomethane	1,600,000	580	5.3 UJ	5.3 UJ	5.3 UJ	5.2 UJ	5.4 UJ	5.2 UJ	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Carbon disulfide	280,000 {C,I,R,AD}	46,000 {I,R}	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Carbon tetrachloride	390,000 {C}	100	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Chlorobenzene	260,000 {C,I}	2,000 {I}	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Chlorodibromomethane	610,000 {C}	2,000 {W}	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Chloroethane	950,000 {C}	34,000	5.3 UJ	5.3 UJ	5.3 UJ	5.2 UJ	5.4 UJ	5.2 UJ	6.3 U	5.4 U	5.3 U	5.3 UJ	5.2 U	5.2 UJ	5.1 U	5.1 U
Chloroform	1,500,000 {C}	2,000 {W}	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Chloromethane	1,100,000 {C,I}	22,000 {I}	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 UJ	5.4 UJ	5.3 UJ	5.3 UJ	5.2 UJ	5.2 UJ	5.1 UJ	5.1 U
cis-1,3-Dichloropropene		1,300	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
cis-1,3-Dichloropropene	620,000 {C}		5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Ethylbenzene	140,000 {C,I}	1,500 {I}	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Methylene chloride	2,300,000 {C}	100	5.2 U	5.0 UJ	4.8 U	6.1 U	21 UJ	10 U	3.9 U	5.0 U	5.4 U	14 UJ	11 UJ	10 U	15 UJ	9.5 UJ
Styrene	520,000 {C}	2,700	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Tetrachloroethene	88,000 {C}	100	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Toluene	250,000 {C,I}	16,000 {I}	5.3 U	5.3 UJ	5.3 U	5.2 U	7.1 UJ	5.2 U	**17**	**18**	11 U	6.4 UJ	8.8 UJ	2.9 U	9.0 UJ	**16 J**
trans-1,2-Dichloroethene	1,400,000 {C}	2,000	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
trans-1,3-Dichloropropen	620,000 {C}	1,300	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Trichloroethene	500,000 {C}	100	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Vinyl chloride	29,000	40	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
Xylenes, Total	150,000 {C,I}	5,600 {I}	5.3 U	5.3 UJ	5.3 U	5.2 U	**3.3 J**	5.2 U	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U

See generic notes pages.

TABLE 4-91

TCL SVOC ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	FS-1 (0 - 1') 6/12/95 FS	FS-2 (0 - 1') 6/12/95 FS	FS-3 (0 - 1') 6/12/95 FS	FS-4 (0 - 1') 6/12/95 FS	FS-5 (0 - 1') 6/12/95 FS	FS-6 (0 - 1') 6/12/95 FS	FS-6 (0 - 1') 6/12/95 DUP	FS-7 (0 - 1') 6/12/95 FS	FS-8 (0 - 1') 6/12/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	4,200	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
1,2-Dichlorobenzene	210,000 {C}	14,000	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 UJ	5.2 U
1,3-Dichlorobenzene	170,000 {C}	480	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 UJ	5.2 U
1,4-Dichlorobenzene	2,900,000	1,700	5.4 U	5.4 U	5.6 U	5.6 U	5.4 U	5.1 U	5.1 U	5.4 UJ	5.2 U
2,2'-oxybis(dichloropropane)			710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
2,4,5-Trichlorophenol	110,000,000	110,000	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
2,4,6-Trichlorophenol	5,000,000	9,400	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
2,4-Dichlorophenol	1,800,000 {C,AD}	4,200	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
2,4-Dimethylphenol	56,000,000	20,000	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
2,4-Dinitrophenol			3,400 U	870 U	900 U	890 UJ	860 U	820 U	820 U	860 U	840 U
2,4-Dinitrotoluene	340,000	640	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
2,6-Dinitrotoluene			710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
2-Chloronaphthalene	280,000,000	1,800,000	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
2-Chlorophenol	6,900,000	2,600	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
2-Methylnaphthalene	40,000,000	170,000	**260 J**	**140 J**	**240**	**300**	**130 J**	**110 J**	**200**	**240**	**220**
2-Methylphenol	56,000,000 {J}	20,000 {J}	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
2-Nitroaniline			3,400 U	870 U	900 U	890 U	860 U	820 U	820 U	860 U	840 U
2-Nitrophenol	3,100,000	1,200	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
3,3'-Dichlorobenzidine	47,000	2,000 {M}	1,400 U	360 U	370 U	370 U	360 U	340 U	340 U	350 U	350 U
3-Nitroaniline			3,400 U	870 U	900 U	890 U	860 U	820 U	820 U	860 U	840 U
4,6-Dinitro-2-methylphenol	390,000	1,700 {M}	3,400 U	870 U	900 U	890 U	860 U	820 U	820 U	860 U	840 U
4-Bromophenyl phenyl ether			710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
4-Chloro-3-methylphenol	22,000,000	16,000	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
4-Chloroaniline			710 U	180 U	180 U	180 U	180 U	170 U	170 U	**53 J**	170 U
4-Chlorophenyl phenyl ether			710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
4-Methylphenol	56,000,000 {J}	20,000 {J}	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
4-Nitroaniline			3,400 UJ	870 U	900 UJ	890 UJ	860 U	820 U	820 U	860 U	840 U
4-Nitrophenol			3,400 UJ	870 U	900 UJ	890 UJ	860 U	820 U	820 U	860 U	840 U
Acenaphthene	200,000,000	880,000	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
Acenaphthylene	8,000,000	17,000	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
Anthracene	1,000,000,000 {D}	41,000	710 U	180 U	180 U	180 U	180 U	170 U	170 U	**110 J**	170 U
Benzo(a)anthracene	100,000 {Q}	NLL {Q}	710 U	180 U	**33 J**	**28 J**	180 U	170 U	170 U	180 U	170 U
Benzo(a)pyrene	10,000 {Q}	NLL {Q}	**170 J**	180 U	180 UJ	180 U	180 U	170 U	170 U	180 U	170 U
Benzo(b)fluoranthene	100,000 {Q}	NLL {Q}	**470 J**	180 U	180 UJ	180 U	180 U	170 U	170 U	180 U	170 U
Benzo(g,h,i)perylene	9,100,000	NLL	710 UJ	180 U	180 UJ	180 U	180 U	170 U	170 U	180 U	170 U
Benzo(k)fluoranthene	1,000,000 {Q}	NLL {Q}	710 UJ	180 U	180 UJ	180 U	180 U	170 U	170 U	180 U	170 U
bis(2-Chloroethoxy)methane			710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
bis(2-Chloroethyl)ether	89,000 {I}	330 {I,M}	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	NLL	710 U	180 U	**480**	180 U	180 U	170 U	170 U	180 U	170 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U

See generic notes pages.

TABLE 4-91

TCL SVOC ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	FS-1 (0 - 1') 6/12/95 FS	FS-2 (0 - 1') 6/12/95 FS	FS-3 (0 - 1') 6/12/95 FS	FS-4 (0 - 1') 6/12/95 FS	FS-5 (0 - 1') 6/12/95 FS	FS-6 (0 - 1') 6/12/95 FS	FS-6 (0 - 1') 6/12/95 DUP	FS-7 (0 - 1') 6/12/95 FS	FS-8 (0 - 1') 6/12/95 FS
Carbazole	3,700,000	39,000	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
Chrysene	10,000,000 {Q}	NLL {Q}	**260 J**	180 U	**61 J**	**39 J**	180 U	170 U	170 U	180 U	170 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	710 U	**20 J**	**230**	**160 J**	180 U	170 U	170 U	180 U	**21 J**
Di-n-octyl phthalate	28,000,000	140,000,000 {C}	710 UJ	180 U	180 UJ	180 U	180 U	170 U	170 U	180 U	170 U
Dibenz(a,h)anthracene	10,000 {Q}	NLL {Q}	710 UJ	180 U	180 UJ	180 U	180 U	170 U	170 U	180 U	170 U
Dibenzofuran	ID	ID	710 U	180 U	**44 J**	**46 J**	180 U	170 U	**46 J**	**47 J**	**40 J**
Diethyl phthalate	740,000 {C}	320,000	710 U	180 U	180 U	180 UJ	180 U	170 U	170 U	180 U	170 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
Fluoranthene	180,000,000	730,000	**210 J**	180 U	**67 J**	**40 J**	180 U	170 U	170 U	180 U	170 U
Fluorene	130,000,000	890,000	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
Hexachlorobenzene	51,000	1,800	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
Hexachlorobutadiene	350,000 {C}	72,000	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
Hexachlorocyclopentadiene	720,000 {C}	320,000	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
Hexachloroethane	1,100,000	1,200	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	NLL {Q}	710 UJ	180 U	180 UJ	180 UJ	180 U	170 U	170 U	180 U	170 U
Isophorone	2,400,000 {C}	62,000	**390 J**	**650**	**680**	**93 J**	180 U	170 U	170 U	**250**	**960**
N-Nitroso-di-n-propylamine	8,300	330 {M}	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
N-Nitrosodiphenylamine	12,000,000	22,000	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
Naphthalene	80,000,000	100,000	**200 J**	**93 J**	**150 J**	**170 J**	**97 J**	**86 J**	**140 J**	**170 J**	**160 J**
Nitrobenzene	490,000 {C,I}	330 {I,M}	710 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U
Pentachlorophenol	390,000	22	3,400 U	870 U	900 U	890 UJ	860 U	820 U	820 U	860 U	840 U
Phenanthrene	8,000,000	160,000	**170 J**	**87 J**	**130 J**	**110 J**	**61 J**	**60 J**	**110 J**	**100 J**	**110 J**
Phenol	12,000,000 {C,AD}	260,000	**140 J**	**60 J**	**120 J**	**180 J**	180 U	170 U	170 U	**24 J**	**72 J**
Pyrene	110,000,000	480,000	**550 J**	180 U	**88 J**	**47 J**	180 U	170 U	170 U	180 U	170 U

See generic notes pages.

TABLE 4-91

TCL SVOC ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	RS-1 (0 - 1') 6/13/95 FS	RS-2 (0 - 1') 6/13/95 FS	RS-3 (0 - 1') 6/13/95 FS	RS-4 (0 - 1') 6/13/95 FS	RS-4 (0 - 1') 6/13/95 DUP	RS-5 (0 - 1') 6/13/95 FS	RS-6 (0 - 1') 6/13/95 FS	RS-7 (0 - 1') 6/13/95 FS	RS-8 (0 - 1') 6/13/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	4,200	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
1,2-Dichlorobenzene	210,000 {C}	14,000	5.3 UJ	5.4 U	5.4 U	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U
1,3-Dichlorobenzene	170,000 {C}	480	5.3 UJ	5.4 U	5.4 U	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U
1,4-Dichlorobenzene	2,900,000	1,700	5.3 UJ	5.4 U	5.4 U	5.3 U	5.3 UJ	5.3 U	5.2 U	5.4 UJ	5.2 U
2,2'-oxybis(dichloropropane)			170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
2,4,5-Trichlorophenol	110,000,000	110,000	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
2,4,6-Trichlorophenol	5,000,000	9,400	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
2,4-Dichlorophenol	1,800,000 {C,AD}	4,200	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
2,4-Dimethylphenol	56,000,000	20,000	170 U	900 U	180 U	**28 J**	350 U	350 U	170 U	**71 J**	170 U
2,4-Dinitrophenol			840 U	4,300 U	860 U	850 U	1,700 U	1,700 U	840 U	860 U	840 U
2,4-Dinitrotoluene	340,000	640	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
2,6-Dinitrotoluene			170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
2-Chloronaphthalene	280,000,000	1,800,000	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
2-Chlorophenol	6,900,000	2,600	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
2-Methylnaphthalene	40,000,000	170,000	**730**	**300 J**	**140 J**	**1,100**	**760**	**120 J**	**39 J**	**1,800**	**260**
2-Methylphenol	56,000,000 {J}	20,000 {J}	170 U	900 U	180 U	170 U	350 U	350 U	170 U	**39 J**	170 U
2-Nitroaniline			840 U	4,300 U	860 U	850 U	1,700 U	1,700 U	840 U	860 U	840 U
2-Nitrophenol	3,100,000	1,200	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
3,3'-Dichlorobenzidine	47,000	2,000 {M}	350 U	1,800 U	350 U	350 U	700 U	710 U	350 U	350 U	350 U
3-Nitroaniline			840 U	4,300 U	860 U	850 U	1,700 U	1,700 U	840 U	860 U	840 U
4,6-Dinitro-2-methylphenol	390,000	1,700 {M}	840 U	4,300 U	860 U	850 U	1,700 U	1,700 U	840 U	860 U	840 U
4-Bromophenyl phenyl ether			170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
4-Chloro-3-methylphenol	22,000,000	16,000	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
4-Chloroaniline			170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
4-Chlorophenyl phenyl ether			170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
4-Methylphenol	56,000,000 {J}	20,000 {J}	170 U	900 U	180 U	170 U	350 U	350 U	170 U	**37 J**	170 U
4-Nitroaniline			840 U	4,300 UJ	860 UJ	850 U	1,700 U	1,700 U	840 U	860 U	840 U
4-Nitrophenol			840 U	4,300 UJ	860 UJ	850 U	1,700 U	1,700 U	840 U	860 U	840 U
Acenaphthene	200,000,000	880,000	170 U	900 U	180 U	**20 J**	350 U	350 U	170 U	180 U	170 U
Acenaphthylene	8,000,000	17,000	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
Anthracene	1,000,000,000 {D}	41,000	**91 J**	900 U	**26 J**	**45 J**	350 U	350 U	170 U	**53 J**	**29 J**
Benzo(a)anthracene	100,000 {Q}	NLL {Q}	**150 J**	**220 J**	**140 J**	**130 J**	**85 J**	**79 J**	**69 J**	**99 J**	**140 J**
Benzo(a)pyrene	10,000 {Q}	NLL {Q}	**110 J**	**220 J**	**120 J**	**110 J**	**65 J**	350 U	**64 J**	**53 J**	**110 J**
Benzo(b)fluoranthene	100,000 {Q}	NLL {Q}	**160 J**	**460 J**	**300**	**140 J**	**95 J**	350 U	**98 J**	**94 J**	**180**
Benzo(g,h,i)perylene	9,100,000	NLL	**67 J**	900 UJ	**96 J**	**52 J**	**47 J**	**40 J**	**37 J**	**41 J**	**54 J**
Benzo(k)fluoranthene	1,000,000 {Q}	NLL {Q}	**46 J**	900 UJ	180 U	**81 J**	**38 J**	350 U	**52 J**	180 U	**86 J**
bis(2-Chloroethoxy)methane			170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
bis(2-Chloroethyl)ether	89,000 {I}	330 {I,M}	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	NLL	170 U	900 U	**74 J**	**290**	350 U	**2,300**	170 U	180 U	170 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	170 U	**9,200**	180 U	**200**	**99 J**	**54 J**	**27 J**	**45 J**	**56 J**

See generic notes pages.

TABLE 4-91

TCL SVOC ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	RS-1 (0 - 1') 6/13/95 FS	RS-2 (0 - 1') 6/13/95 FS	RS-3 (0 - 1') 6/13/95 FS	RS-4 (0 - 1') 6/13/95 FS	RS-4 (0 - 1') 6/13/95 DUP	RS-5 (0 - 1') 6/13/95 FS	RS-6 (0 - 1') 6/13/95 FS	RS-7 (0 - 1') 6/13/95 FS	RS-8 (0 - 1') 6/13/95 FS
Carbazole	3,700,000	39,000	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
Chrysene	10,000,000 {Q}	NLL {Q}	**180**	**350 J**	**190**	**200**	**130 J**	**110 J**	**89 J**	**140 J**	**180**
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	**46 J**	900 U	**110 J**	**2,200**	**4,100**	**1,700**	**2,100**	**3,600 D**	**1,400**
Di-n-octyl phthalate	28,000,000	140,000,000 {C}	170 U	900 UJ	180 U	170 U	350 U	350 U	170 U	**3,600 D**	170 U
Dibenz(a,h)anthracene	10,000 {Q}	NLL {Q}	170 U	900 UJ	180 U	170 U	350 U	350 U	170 U	180 U	170 U
Dibenzofuran	ID	ID	**190**	900 U	**36 J**	**250**	**170 J**	350 U	170 U	**370**	**67 J**
Diethyl phthalate	740,000 {C}	320,000	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
Fluoranthene	180,000,000	730,000	**320**	**410 J**	**230**	**270**	**170 J**	**140 J**	**150 J**	**240**	**320**
Fluorene	130,000,000	890,000	**56 J**	900 U	180 U	**45 J**	350 U	350 U	170 U	**61 J**	170 U
Hexachlorobenzene	51,000	1,800	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
Hexachlorobutadiene	350,000 {C}	72,000	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
Hexachlorocyclopentadiene	720,000 {C}	320,000	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
Hexachloroethane	1,100,000	1,200	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	NLL {Q}	**46 J**	900 UJ	**68 J**	**36 J**	350 U	350 U	**32 J**	180 U	**47 J**
Isophorone	2,400,000 {C}	62,000	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
N-Nitroso-di-n-propylamine	8,300	330 {M}	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
N-Nitrosodiphenylamine	12,000,000	22,000	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
Naphthalene	80,000,000	100,000	**490**	**260 J**	**89 J**	**650**	**450**	**78 J**	170 U	**1,000**	**170**
Nitrobenzene	490,000 {C,I}	330 {I,M}	170 U	900 U	180 U	170 U	350 U	350 U	170 U	180 U	170 U
Pentachlorophenol	390,000	22	840 U	4,300 U	860 U	850 U	1,700 U	1,700 U	840 U	860 U	840 U
Phenanthrene	8,000,000	160,000	**600**	**330 J**	**170 J**	**550**	**350**	**110 J**	**90 J**	**870**	**270**
Phenol	12,000,000 {C,AD}	260,000	**24 J**	900 U	180 U	170 U	350 U	350 U	170 U	**57 J**	170 U
Pyrene	110,000,000	480,000	**300**	**530 J**	**260**	**200**	**130 J**	**85 J**	**91 J**	**120 J**	**190**

See generic notes pages.

TABLE 4-91

TCL SVOC ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	US-1 (0 - 1') 6/12/95 FS	US-2 (0 - 1') 6/12/95 FS	US-3 (0 - 1') 6/12/95 FS	US-4 (0 - 1') 6/12/95 FS	US-5 (0 - 1') 6/12/95 FS	US-6 (0 - 1') 6/12/95 FS	US-7 (0 - 1') 6/12/95 FS	US-8 (0 - 1') 6/12/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	4,200	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
1,2-Dichlorobenzene	210,000 {C}	14,000	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
1,3-Dichlorobenzene	170,000 {C}	480	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
1,4-Dichlorobenzene	2,900,000	1,700	6.3 U	5.4 U	5.3 U	5.3 U	5.2 U	5.2 U	5.1 U	5.1 U
2,2'-oxybis(dichloropropane)			830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
2,4,5-Trichlorophenol	110,000,000	110,000	R	R	R	170 U	170 U	340 U	170 U	170 U
2,4,6-Trichlorophenol	5,000,000	9,400	R	R	R	170 U	170 U	340 U	170 U	170 U
2,4-Dichlorophenol	1,800,000 {C,AD}	4,200	R	440 U	R	170 U	170 U	340 U	170 U	170 U
2,4-Dimethylphenol	56,000,000	20,000	R	R	R	170 U	170 U	340 U	170 U	170 U
2,4-Dinitrophenol			R	R	R	840 U	830 U	1,700 U	820 U	810 UJ
2,4-Dinitrotoluene	340,000	640	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
2,6-Dinitrotoluene			830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
2-Chloronaphthalene	280,000,000	1,800,000	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
2-Chlorophenol	6,900,000	2,600	R	R	R	170 U	170 U	340 U	170 U	170 U
2-Methylnaphthalene	40,000,000	170,000	**120 J**	**82 J**	**160 J**	**100 J**	**180**	**260 J**	**160 J**	**480**
2-Methylphenol	56,000,000 {J}	20,000 {J}	R	R	R	170 U	170 U	340 U	170 U	170 U
2-Nitroaniline			4,000 U	2,200 U	840 U	840 U	830 U	1,700 U	820 U	810 U
2-Nitrophenol	3,100,000	1,200	R	R	R	170 U	170 U	340 U	170 U	170 U
3,3'-Dichlorobenzidine	47,000	2,000 {M}	1,700 U	890 U	350 U	350 U	340 U	680 UJ	340 U	330 U
3-Nitroaniline			4,000 U	2,200 U	840 U	840 U	830 U	1,700 U	820 U	810 U
4,6-Dinitro-2-methylphenol	390,000	1,700 {M}	R	R	R	840 UJ	830 U	1,700 U	820 U	810 U
4-Bromophenyl phenyl ether			830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
4-Chloro-3-methylphenol	22,000,000	16,000	R	R	R	170 U	170 U	340 U	170 U	170 U
4-Chloroaniline			830 U	440 U	170 U	170 U	170 U	**48 J**	170 U	170 U
4-Chlorophenyl phenyl ether			830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
4-Methylphenol	56,000,000 {J}	20,000 {J}	830 U	R	R	170 U	170 U	340 U	170 U	170 U
4-Nitroaniline			4,000 UJ	2,200 UJ	840 UJ	840 U	830 UJ	1,700 UJ	820 UJ	810 UJ
4-Nitrophenol			R	R	R	840 UJ	830 UJ	1,700 UJ	820 UJ	810 UJ
Acenaphthene	200,000,000	880,000	**130 J**	440 U	**78 J**	170 U	170 U	340 U	170 U	**20 J**
Acenaphthylene	8,000,000	17,000	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
Anthracene	1,000,000,000 {D}	41,000	**110 J**	**45 J**	**140 J**	170 U	170 U	**230 J**	170 U	**19 J**
Benzo(a)anthracene	100,000 {Q}	NLL {Q}	**400 J**	**220 J**	**240**	170 U	170 U	**130 J**	170 U	**100 J**
Benzo(a)pyrene	10,000 {Q}	NLL {Q}	830 U	440 UJ	**170 J**	170 UJ	170 UJ	340 UJ	170 U	**60 J**
Benzo(b)fluoranthene	100,000 {Q}	NLL {Q}	**560 J**	440 UJ	**330**	170 UJ	**62 J**	340 UJ	170 U	**160 J**
Benzo(g,h,i)perylene	9,100,000	NLL	830 UJ	440 UJ	**94 J**	170 UJ	170 UJ	340 UJ	170 UJ	**39 J**
Benzo(k)fluoranthene	1,000,000 {Q}	NLL {Q}	830 U	440 UJ	170 U	170 UJ	170 UJ	340 UJ	170 U	**47 J**
bis(2-Chloroethoxy)methane			830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
bis(2-Chloroethyl)ether	89,000 {I}	330 {I,M}	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	NLL	830 U	440 U	**100 J**	170 U	**150 J**	340 UJ	170 U	**75 J**
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	830 U	440 U	170 U	170 U	170 U	340 UJ	170 U	**27 J**

See generic notes pages.

TABLE 4-91

TCL SVOC ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	US-1 (0 - 1') 6/12/95 FS	US-2 (0 - 1') 6/12/95 FS	US-3 (0 - 1') 6/12/95 FS	US-4 (0 - 1') 6/12/95 FS	US-5 (0 - 1') 6/12/95 FS	US-6 (0 - 1') 6/12/95 FS	US-7 (0 - 1') 6/12/95 FS	US-8 (0 - 1') 6/12/95 FS
Carbazole	3,700,000	39,000	830 U	440 U	**76 J**	170 U	170 U	340 U	170 U	170 U
Chrysene	10,000,000 {Q}	NLL {Q}	**440 J**	**270 J**	**230**	170 U	170 U	**160 J**	170 U	**160 J**
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
Di-n-octyl phthalate	28,000,000	140,000,000 {C}	830 U	440 UJ	170 U	170 UJ	170 UJ	340 UJ	170 U	170 U
Dibenz(a,h)anthracene	10,000 {Q}	NLL {Q}	830 U	440 UJ	170 U	170 UJ	170 UJ	340 UJ	170 U	170 U
Dibenzofuran	ID	ID	**150 J**	440 U	**96 J**	**19 J**	**34 J**	**55 J**	**35 J**	**100 J**
Diethyl phthalate	740,000 {C}	320,000	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 UJ
Dimethyl phthalate	790,000 {C}	790,000 {C}	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
Fluoranthene	180,000,000	730,000	**1,100**	**400 J**	**580**	**65 J**	**65 J**	**180 J**	**50 J**	**230**
Fluorene	130,000,000	890,000	**180 J**	440 U	**97 J**	170 U	170 U	340 U	170 U	**17 J**
Hexachlorobenzene	51,000	1,800	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
Hexachlorobutadiene	350,000 {C}	72,000	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
Hexachlorocyclopentadiene	720,000 {C}	320,000	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
Hexachloroethane	1,100,000	1,200	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	NLL {Q}	830 U	440 UJ	**74 J**	170 UJ	170 UJ	340 UJ	170 U	**28 J**
Isophorone	2,400,000 {C}	62,000	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
N-Nitroso-di-n-propylamine	8,300	330 {M}	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
N-Nitrosodiphenylamine	12,000,000	22,000	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
Naphthalene	80,000,000	100,000	830 U	440 U	**110 J**	**75 J**	**130 J**	**190 J**	**110 J**	**350**
Nitrobenzene	490,000 {C,I}	330 {I,M}	830 U	440 U	170 U	170 U	170 U	340 U	170 U	170 U
Pentachlorophenol	390,000	22	R	R	R	840 U	830 U	1,700 U	820 U	810 UJ
Phenanthrene	8,000,000	160,000	**1,200**	**250 J**	**690**	**76 J**	**110 J**	**220 J**	**98 J**	**270**
Phenol	12,000,000 {C,AD}	260,000	R	R	R	**78 J**	**47 J**	**45 J**	**25 J**	**44 J**
Pyrene	110,000,000	480,000	**1,100**	**500**	**560**	**84 J**	**86 J**	**310 J**	**78 J**	**250**

See generic notes pages.

TABLE 4-92

TCL PCB ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	FS-1 (0 - 1') 6/12/95 FS	FS-2 (0 - 1') 6/12/95 FS	FS-3 (0 - 1') 6/12/95 FS	FS-4 (0 - 1') 6/12/95 FS	FS-5 (0 - 1') 6/12/95 FS	FS-6 (0 - 1') 6/12/95 FS	FS-6 (0 - 1') 6/12/95 DUP	FS-7 (0 - 1') 6/12/95 FS	FS-8 (0 - 1') 6/12/95 FS	RS-1 (0 - 1') 6/13/95 FS	RS-2 (0 - 1') 6/13/95 FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	180 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U	700 U	3,600 U
Aroclor-1221	20,000 {J,T}	NLL {J,T}	180 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U	700 U	3,600 U
Aroclor-1232	20,000 {J,T}	NLL {J,T}	180 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U	700 U	3,600 U
Aroclor-1242	20,000 {J,T}	NLL {J,T}	180 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U	700 U	3,600 U
Aroclor-1248	20,000 {J,T}	NLL {J,T}	180 U	180 U	180 U	180 U	**250**	170 U	170 U	180 U	170 U	700 U	3,600 U
Aroclor-1254	20,000 {J,T}	NLL {J,T}	180 U	180 U	180 U	180 U	180 U	170 U	170 U	180 U	170 U	700 U	3,600 U
Aroclor-1260	20,000 {J,T}	NLL {J,T}	**240**	**180**	**360**	**50 J**	180 U	**20 J**	**20 J**	180 U	**20 J**	**830**	**3,900**
Total Aroclors	20,000 {J,T}	NLL {J,T}	**240**	**180**	**360**	**50**	**250**	**20**	**20**	ND	**20**	**830**	**3,900**

See generic notes pages.

TABLE 4-92

TCL PCB ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	RS-3 (0 - 1') 6/13/95 FS	RS-4 (0 - 1') 6/13/95 FS	RS-4 (0 - 1') 6/13/95 DUP	RS-5 (0 - 1') 6/13/95 FS	RS-5-1 (0 - 1') 6/10/96 FS	RS-5-2 (0 - 1') 6/10/96 FS	RS-5-3 (0 - 1') 6/10/96 FS	RS-5-4 (0 - 1') 6/10/96 FS	RS-5-5 (0 - 1') 6/10/96 FS	RS-5-6 (0 - 1') 6/10/96 FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	710 U	170 U	170 U	3,600 U	390 U	180 U	190 U	1,900 U	420 U	380 U
Aroclor-1221	20,000 {J,T}	NLL {J,T}	710 U	170 U	170 U	3,600 U	390 U	180 U	190 U	1,900 U	420 U	380 U
Aroclor-1232	20,000 {J,T}	NLL {J,T}	710 U	170 U	170 U	3,600 U	390 U	180 U	190 U	1,900 U	420 U	380 U
Aroclor-1242	20,000 {J,T}	NLL {J,T}	710 U	170 U	170 U	3,600 U	390 U	180 U	190 U	1,900 U	420 U	380 U
Aroclor-1248	20,000 {J,T}	NLL {J,T}	710 U	170 U	170 U	3,600 U	390 U	180 U	190 U	1,900 U	420 U	380 U
Aroclor-1254	20,000 {J,T}	NLL {J,T}	710 U	170 U	170 U	**55,000**	790 U	180 U	380 U	3,700 U	830 U	750 U
Aroclor-1260	20,000 {J,T}	NLL {J,T}	**6,900**	170 U	170 U	7,100 U	**2,700 J**	**700 J**	**1,000 J**	**4,400 J**	**1,900**	**4,200 J**
Total Aroclors	20,000 {J,T}	NLL {J,T}	**6,900**	ND	ND	**55,000**	**2,700**	**700**	**1,000**	**4,400**	**1,900**	**4,200**

See generic notes pages.

TABLE 4-92

TCL PCB ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	RS-5-7 (0 - 1') 6/10/96 FS	RS-5-7 (0 - 1') 6/10/96 DUP	RS-5-8 (0 - 1') 6/10/96 FS	RS-6 (0 - 1') 6/13/95 FS	RS-7 (0 - 1') 6/13/95 FS	RS-8 (0 - 1') 6/13/95 FS	US-1 (0 - 1') 6/12/95 FS	US-2 (0 - 1') 6/12/95 FS	US-3 (0 - 1') 6/12/95 FS	US-4 (0 - 1') 6/12/95 FS	US-5 (0 - 1') 6/12/95 FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	190 U	180 U	380 U	1,700 U	180 U	350 U	210 U	180 U	170 U	170 U	6,900 U
Aroclor-1221	20,000 {J,T}	NLL {J,T}	190 U	180 U	380 U	1,700 U	180 U	350 U	210 U	180 U	170 U	170 U	6,900 U
Aroclor-1232	20,000 {J,T}	NLL {J,T}	190 U	180 U	380 U	1,700 U	180 U	350 U	210 U	180 U	170 U	170 U	6,900 U
Aroclor-1242	20,000 {J,T}	NLL {J,T}	**190**	180 U	380 U	1,700 U	180 U	350 U	210 U	180 U	170 U	170 U	6,900 U
Aroclor-1248	20,000 {J,T}	NLL {J,T}	190 U	180 UJ	380 U	1,700 U	180 U	350 U	210 U	180 U	170 U	170 U	6,900 U
Aroclor-1254	20,000 {J,T}	NLL {J,T}	370 U	370 U	750 U	1,700 U	180 U	700 U	210 U	180 U	170 U	170 U	6,900 U
Aroclor-1260	20,000 {J,T}	NLL {J,T}	**1,400 J**	**1,400**	**2,100 J**	**7,000**	180 U	**5,300**	**130 J**	**150 J**	**40 J**	**440**	**41,000**
Total Aroclors	20,000 {J,T}	NLL {J,T}	**1,590**	**1,400**	**2,100**	**7,000**	ND	**5,300**	**130**	**150**	**40**	**440**	**41,000**

See generic notes pages.

TABLE 4-92

TCL PCB ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	US-5-1 (0 - 1') 6/10/96 FS	US-5-2 (0 - 1') 6/10/96 FS	US-5-3 (0 - 1') 6/10/96 FS	US-5-4 (0 - 1') 6/10/96 FS	US-5-5 (0 - 1') 6/10/96 FS	US-5-6 (0 - 1') 6/10/96 FS	US-5-7 (0 - 1') 6/10/96 FS	US-5-8 (0 - 1') 6/10/96 FS	US-6 (0 - 1') 6/12/95 FS	US-7 (0 - 1') 6/12/95 FS	US-8 (0 - 1') 6/12/95 FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	360 U	370 U	200 U	360 U	180 U	190 U	1,900 U	190 U	690 U	340 U	1,700 U
Aroclor-1221	20,000 {J,T}	NLL {J,T}	360 U	370 U	200 U	360 U	180 U	190 U	1,900 U	190 U	690 U	340 U	1,700 U
Aroclor-1232	20,000 {J,T}	NLL {J,T}	360 U	370 U	200 U	360 U	180 U	190 U	1,900 U	190 U	690 U	340 U	1,700 U
Aroclor-1242	20,000 {J,T}	NLL {J,T}	360 U	370 U	200 U	360 U	180 U	190 U	1,900 U	190 U	690 U	340 U	1,700 U
Aroclor-1248	20,000 {J,T}	NLL {J,T}	360 U	370 U	200 U	360 U	180 U	190 U	1,900 U	190 U	690 U	340 U	1,700 U
Aroclor-1254	20,000 {J,T}	NLL {J,T}	720 U	740 U	200 U	730 U	180 U	370 U	3,700 U	190 U	690 U	340 U	1,700 U
Aroclor-1260	20,000 {J,T}	NLL {J,T}	**3,400 J**	**3,100 J**	**720 J**	**4,400 J**	**730 J**	**2,200 J**	**26,000 J**	190 UJ	**3,800**	**1,000**	**5,000**
Total Aroclors	20,000 {J,T}	NLL {J,T}	**3,400**	**3,100**	**720**	**4,400**	**730**	**2,200**	**26,000**	ND	**3,800**	**1,000**	**5,000**

See generic notes pages.

TABLE 4-93

TAL INORGANIC ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	FS-1 (0 - 1') 6/12/95 FS	FS-2 (0 - 1') 6/12/95 FS	FS-3 (0 - 1') 6/12/95 FS	FS-4 (0 - 1') 6/12/95 FS	FS-5 (0 - 1') 6/12/95 FS	FS-6 (0 - 1') 6/12/95 FS	FS-6 (0 - 1') 6/12/95 DUP	FS-7 (0 - 1') 6/12/95 FS	FS-8 (0 - 1') 6/12/95 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	2,390,000	2,920,000	4,400,000	5,630,000	5,350,000	3,330,000	3,670,000	2,680,000	6,750,000
Antimony	1,200,000	4,300	953 J	670 J	581 J	558 UJ*	538 UJ*	482 J	256 UJ	268 UJ	523 UJ*
Arsenic	61,000 {B}	23,000 {B}	2,780	4,240	2,440	3,300	1,490 J	1,740 J	1,880	1,350	2,510
Barium	250,000,000	1,300,000	24,200	19,900	31,000	29,000	29,800	19,100	19,400	14,200	36,500
Beryllium	3,100,000	51,000	538 U	543 U	560 U	558 U	538 U	511 U	511 U	536 U	523 U
Cadmium	4,100,000 {B}	6,000 {B}	356	111	197	136	136	73	84	27 U	162
Calcium			13,400,000 J	31,500,000 J	13,300,000 J	41,700,000 J	6,940,000 J	5,040,000 J	3,740,000 J	1,470,000 J	13,100,000 J
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	18,900	36,200	36,200	16,800	17,800	11,800	12,000	10,500	25,900
Cobalt	18,000,000	2,000	5,380 U	5,430 U	5,600 U	5,580 U	5,380 U	5,110 U	5,110 U	5,360 U	5,230 U
Copper	140,000,000	5,800,000	46,500	27,300	18,600	15,900	13,600	11,000	10,200	9,690	15,200
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	270 U	860	280 U	280 U	270 U	260 U	260 U	0.27 U	260 U
Iron	1,000,000,000 {B,D}	6,000 {B}	28,600,000	34,900,000	15,800,000	12,500,000	12,600,000	10,900,000	10,000,000	10,600,000	13,000,000
Lead	900,000 (draft)	700,000	35,500 J	9,580 J	21,500 J	7,940 J	6,630 J	2,910 J	2,780 J	2,560 J	10,500 J
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	2,980,000	7,010,000	2,340,000	3,040,000	3,750,000	2,380,000	2,230,000	990,000	5,580,000
Manganese	170,000,000 {B}	1,000 {B}	398,000 J	330,000 J	1,200,000 J	290,000 J	371,000 J	174,000 J	280,000 J	162,000 J	681,000 J
Mercury	1,100,000	1,700	88	54 U	56 U	56 U	54 U	51 U	51 U	54 U	52 U
Nickel	270,000,000 {B}	100,000 {B}	19,400	24,600	18,500	11,900	12,400	8,020	8,340	7,180	14,600
Potassium			538,000 U	543,000 U	560,000 U	978,000	848,000	511,000 U	520,000	536,000 U	1,200,000
Selenium	18,000,000 {B}	4,000 {B}	269 UJ	601 J	280 UJ	558 UJ*	538 UJ*	255 UJ	256 UJ	268 UJ	523 UJ*
Silver	17,000,000 {B}	13,000 {B}	269 UJ	272 UJ	280 UJ	558 UJ*	538 UJ*	255 UJ	511 UJ*	268 UJ	523 UJ*
Sodium	1,000,000,000 {D}	7,000,000	538,000 U	543,000 U	560,000 U	558,000 U	538,000 U	511,000 U	511,000 U	536,000 U	523,000 U
Thallium	240,000 {B}	2,300 {B}	269 UJ	272 UJ	280 UJ	279 UJ	269 UJ	255 UJ	256 UJ	268 UJ	262 UJ
Vanadium	10,000,000	990,000	7,370	7,880	10,600	13,100	13,200	8,220	8,640	5,890	16,100
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	73,500	32,300	53,300	29,900	26,500	18,000	19,700	12,600	38,600

See generic notes pages.

TABLE 4-93

TAL INORGANIC ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	RS-1 (0 - 1') 6/13/95 FS	RS-2 (0 - 1') 6/13/95 FS	RS-2-1 (0 - 1') 6/10/96 FS	RS-2-2 (0 - 1') 6/10/96 FS	RS-2-3 (0 - 1') 6/10/96 FS	RS-2-4 (0 - 1') 6/10/96 FS	RS-2-5 (0 - 1') 6/10/96 FS	RS-2-6 (0 - 1') 6/10/96 FS	RS-2-6 (0 - 1') 6/10/96 DUP	RS-2-7 (0 - 1') 6/10/96 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	3,870,000	6,630,000	NA	NA	NA	NA	NA	NA	NA	NA
Antimony	1,200,000	4,300	1,120 J	5,890 J	NA	NA	NA	NA	NA	NA	NA	NA
Arsenic	61,000 {B}	23,000 {B}	3,040	11,800	NA	NA	NA	NA	NA	NA	NA	NA
Barium	250,000,000	1,300,000	44,400	247,000	NA	NA	NA	NA	NA	NA	NA	NA
Beryllium	3,100,000	51,000	526 U	543	NA	NA	NA	NA	NA	NA	NA	NA
Cadmium	4,100,000 {B}	6,000 {B}	747	6,380	NA	NA	NA	NA	NA	NA	NA	NA
Calcium			7,750,000 J	31,300,000 J	NA	NA	NA	NA	NA	NA	NA	NA
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	60,300	1,110,000	NA	NA	NA	NA	NA	NA	NA	NA
Cobalt	18,000,000	2,000	8,520	143,000	NA	NA	NA	NA	NA	NA	NA	NA
Copper	140,000,000	5,800,000	53,400	274,000	NA	NA	NA	NA	NA	NA	NA	NA
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	260 U	270 U	NA	NA	NA	NA	NA	NA	NA	NA
Iron	1,000,000,000 {B,D}	6,000 {B}	45,400,000	12,000,000	NA	NA	NA	NA	NA	NA	NA	NA
Lead	900,000 (draft)	700,000	97,900 J	530,000 J	279,000 J	237,000 J	335,000 J	456,000 J	769,000 J	214,000 J	1,370,000 J	159,000 J
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	1,340,000	6,580,000	NA	NA	NA	NA	NA	NA	NA	NA
Manganese	170,000,000 {B}	1,000 {B}	955,000 J	3,320,000 J	NA	NA	NA	NA	NA	NA	NA	NA
Mercury	1,100,000	1,700	109	546	NA	NA	NA	NA	NA	NA	NA	NA
Nickel	270,000,000 {B}	100,000 {B}	47,500	1,010,000	NA	NA	NA	NA	NA	NA	NA	NA
Potassium			526,000 U	944,000	NA	NA	NA	NA	NA	NA	NA	NA
Selenium	18,000,000 {B}	4,000 {B}	1,600 J	4,310 J	NA	NA	NA	NA	NA	NA	NA	NA
Silver	17,000,000 {B}	13,000 {B}	526 UJ*	1,360 UJ*	NA	NA	NA	NA	NA	NA	NA	NA
Sodium	1,000,000,000 {D}	7,000,000	526,000 U	543,000 U	NA	NA	NA	NA	NA	NA	NA	NA
Thallium	240,000 {B}	2,300 {B}	263 U	272 U	NA	NA	NA	NA	NA	NA	NA	NA
Vanadium	10,000,000	990,000	10,400	32,100	NA	NA	NA	NA	NA	NA	NA	NA
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	256,000	2,630,000	NA	NA	NA	NA	NA	NA	NA	NA

See generic notes pages.

TABLE 4-93

TAL INORGANIC ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	RS-2-8 (0 - 1') 6/10/96 FS	RS-3 (0 - 1') 6/13/95 FS	RS-4 (0 - 1') 6/13/95 FS	RS-4 (0 - 1') 6/13/95 DUP	RS-5 (0 - 1') 6/13/95 FS	RS-6 (0 - 1') 6/13/95 FS	RS-7 (0 - 1') 6/13/95 FS	RS-8 (0 - 1') 6/13/95 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	NA	8,000,000	3,710,000 J	2,920,000 J	3,590,000 J	7,160,000 J	1,280,000 J	5,510,000 J
Antimony	1,200,000	4,300	NA	1,340 UJ*	1,060 UJ*	1,060 UJ*	1,250 J	2,110 J	1,760 J	1,300 J
Arsenic	61,000 {B}	23,000 {B}	NA	6,930	6,000 J	7,020 J	31,100 J	6,480 J	6,900 J	8,980 J
Barium	250,000,000	1,300,000	NA	117,000	76,800 J	82,100 J	81,800 J	85,700 J	50,300 J	64,900 J
Beryllium	3,100,000	51,000	NA	591	636 J	740 J	748 J	524 UJ	857 J	524 UJ
Cadmium	4,100,000 {B}	6,000 {B}	NA	2,460	775 J	812 J	812 J	1,190 J	93 J	930 J
Calcium			NA	34,600,000 J	56,900,000 J	24,600,000 J	45,700,000 J	30,400,000 J	2,540,000 J	27,400,000 J
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	NA	273,000	62,800 J	62,300 J	99,700 J	205,000 J	66,300 J	141,000 J
Cobalt	18,000,000	2,000	NA	44,600	15,600	15,800	21,700	36,500	9,530	17,000
Copper	140,000,000	5,800,000	NA	114,000	27,300 J	31,400 J	41,000 J	75,600 J	55,600 J	64,300 J
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	NA	270 U	260 U	260 U	320	270	480	310
Iron	1,000,000,000 {B,D}	6,000 {B}	NA	43,000,000	14,400,000 J	22,400,000 J	18,400,000 J	50,100,000 J	79,100,000 J	28,000,000 J
Lead	900,000 (draft)	700,000	209,000 J	161,000 J	30,100 J	29,800 J	44,700 J	98,100 J	6,910 J	72,200 J
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	NA	4,180,000	5,340,000 J	3,390,000 J	4,740,000 J	6,340,000 J	R	4,010,000 J
Manganese	170,000,000 {B}	1,000 {B}	NA	5,030,000 J	300,000	463,000	446,000	2,020,000	551,000	2,060,000
Mercury	1,100,000	1,700	NA	367	53 U	102	111	143	54 U	71
Nickel	270,000,000 {B}	100,000 {B}	NA	271,000	71,800 J	71,100 J	106,000 J	198,000 J	49,100 J	152,000 J
Potassium			NA	1,150,000	748,000	528,000 U	651,000	1,210,000	535,000 U	706,000
Selenium	18,000,000 {B}	4,000 {B}	NA	1,340 UJ*	2,000	2,350	1,950	1,050 U*	3,340	1,050 U*
Silver	17,000,000 {B}	13,000 {B}	NA	1,340 UJ*	1,060 UJ*	1,060 UJ*	1,070 UJ*	1,050 UJ*	3,340 UJ*	1,050 UJ*
Sodium	1,000,000,000 {D}	7,000,000	NA	537,000 U	530,000 U	528,000 U	534,000 U	524,000 U	1,550,000	524,000 U
Thallium	240,000 {B}	2,300 {B}	NA	268 U	265 U	264 U	876	262 UJ	268 U	262 U
Vanadium	10,000,000	990,000	NA	24,500	16,700 J	17,800 J	17,200 J	22,500 J	11,200 J	23,900 J
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	NA	448,000	111,000	119,000	143,000	306,000	42,100	566,000

See generic notes pages.

TABLE 4-93

TAL INORGANIC ANALYTICAL RESULTS FOR SURFACE SOIL
AT POTENTIAL WORKER EXPOSURE SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	US-1 (0 - 1') 6/12/95 FS	US-2 (0 - 1') 6/12/95 FS	US-3 (0 - 1') 6/12/95 FS	US-4 (0 - 1') 6/12/95 FS	US-5 (0 - 1') 6/12/95 FS	US-6 (0 - 1') 6/12/95 FS	US-7 (0 - 1') 6/12/95 FS	US-8 (0 - 1') 6/12/95 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	5,040,000	3,880,000	2,930,000	1,440,000	2,060,000	2,680,000	1,250,000 J	2,730,000 J
Antimony	1,200,000	4,300	405 J	500 J	556 J	721 J	713 J	624 J	319	574
Arsenic	61,000 {B}	23,000 {B}	4,540	3,700	2,820	1,940	3,070	9,590	2,170	2,410
Barium	250,000,000	1,300,000	46,700	40,600	24,300	21,100	30,400	35,300	8,920	27,700
Beryllium	3,100,000	51,000	629 U	538 U	526 U	528 U	519 U	516 U	513 U	507 U
Cadmium	4,100,000 {B}	6,000 {B}	157	141	100	270	330	225	418	288
Calcium			13,300,000 J	12,100,000 J	21,900,000 J	275,000,000 J	20,300,000 J	19,400,000 J	34,100,000 J	11,900,000 J
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	49,500	18,600	15,300	30,000	30,600	38,700	8,870	31,800
Cobalt	18,000,000	2,000	6,290 U	5,380 U	5,260 U	5,280 U	5,190 U	5,160 U	5,130 U	5,070 U
Copper	140,000,000	5,800,000	20,300	14,200	18,600	18,700	23,600	28,200	11,000	22,900
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	310 U	270 U	260 U	260 U	260 U	260 U	260 U	250 U
Iron	1,000,000,000 {B,D}	6,000 {B}	9,970,000	11,600,000	11,300,000	16,900,000	19,800,000	18,800,000	6,570,000	19,600,000
Lead	900,000 (draft)	700,000	16,400 J	14,700 J	13,000 J	33,500 J	47,600 J	49,200 J	12,600 J	40,800 J
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	16,300,000	10,600,000	8,680,000	7,090,000	5,470,000	5,430,000	7,420,000	12,600,000
Manganese	170,000,000 {B}	1,000 {B}	358,000 J	399,000 J	375,000 J	267,000 J	401,000 J	985,000 J	171,000 J	693,000 J
Mercury	1,100,000	1,700	63 U	54 U	53 U	53 U	52 U	52 U	51 U	51 U
Nickel	270,000,000 {B}	100,000 {B}	11,900	13,100	15,100	47,500	124,000	28,400	17,700	29,600
Potassium			871,000	600,000	543,000	528,000 U	519,000 U	516,000 U	513,000 U	507,000 U
Selenium	18,000,000 {B}	4,000 {B}	314 UJ	269 UJ	263 UJ	528 UJ*	260 UJ	258 UJ	256 UJ	253 UJ
Silver	17,000,000 {B}	13,000 {B}	629 UJ*	538 UJ*	526 UJ*	264 UJ	260 UJ	258 UJ	256 UJ	253 UJ
Sodium	1,000,000,000 {D}	7,000,000	629,000 U	538,000 U	526,000 U	528,000 U	526,000	516,000 U	513,000 U	507,000 U
Thallium	240,000 {B}	2,300 {B}	314 UJ	269 UJ	263 UJ	264 UJ	260 UJ	258 UJ	256 UJ	253 UJ
Vanadium	10,000,000	990,000	16,000	13,100	10,700	5,010	5,710	8,560	4,100	7,040
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	49,100	38,700	24,700	54,300	58,100	51,800	58,600	61,800

See generic notes pages.

TABLE 4-94

APPENDIX IX VOC ANALYTICAL RESULTS FOR NATIVE SOIL IN THE RAILYARD AREA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	NS-RS-4 (2.5 - 3') 6/13/95 FS
1,1,1,2-Tetrachloroethane	440,000 {C}	6,400	6.3 U
1,1,1-Trichloroethane	460,000 {C}	4,000	6.3 U
1,1,2,2-Tetrachloroethane	370,000	700	6.3 U
1,1,2-Trichloroethane	920,000 {C}	100	6.3 U
1,1-Dichloroethane	890,000 {C}	50,000	6.3 U
1,1-Dichloroethene	570,000 {C,I}	140 {I}	6.3 U
1,2,3-Trichloropropane	830,000 {C}	2,400	6.3 U
1,2-Dibromo-3-chloropropan	1,200 {C}	4.0 {M}	13 U
1,2-Dibromoethane	660	10 {M}	6.3 U
1,2-Dichlorobenzene	210,000 {C}	14,000	6.3 U
1,2-Dichloroethane	640,000 {I}	100 {I}	6.3 U
1,2-Dichloropropane	550,000 {C,I}	100 {I}	6.3 U
1,3-Dichlorobenzene	170,000 {C}	480	6.3 U
1,4-Dichlorobenzene	2,900,000	1,700	6.3 U
1,4-Dioxane	3,700,000 {I}	7,000 {I}	R
2-Butanone	27,000,000 {C,I,AD}	760,000 {I}	**7.0 J**
2-Chloro-1,3-butadiene			6.3 U
2-Hexanone	2,500,000 {C}	58,000	63 U
3-Chloro-1-propene			6.3 U
4-Methyl-2-pentanone	2,700,000 {C,I}	100,000 {I}	63 U
Acetone	110,000,000 {I}	42,000 {I}	67 UJ
Acetonitrile	21,000,000	8,000	63 U
Acrolein	18,000,000 {I}	6,600 {I}	63 U
Acrylonitrile	110,000 {I}	220 {I}	63 U
Benzene	400,000 {C,I}	100 {I}	6.3 U
Bromodichloromethane	750,000	2,000 {W}	6.3 U
Bromoform	870,000 {C}	2,000 {W}	6.3 U
Bromomethane	1,600,000	580	6.3 UJ
Carbon disulfide	280,000 {C,I,R,AD}	46,000 {I,R}	6.3 U
Carbon tetrachloride	390,000 {C}	100	6.3 U
Chlorobenzene	260,000 {C,I}	2,000 {I}	6.3 U
Chlorodibromomethane	610,000 {C}	2,000 {W}	6.3 U
Chloroethane	950,000 {C}	34,000	6.3 UJ
Chloroform	1,500,000 {C}	2,000 {W}	6.3 U
Chloromethane	1,100,000 {C,I}	22,000 {I}	6.3 U
cis-1,2-Dichloroethene	640,000 {C}	1,400	6.3 U
cis-1,3-Dichloropropene		1,300	6.3 U
cis-1,3-Dichloropropene	620,000 {C}		6.3 U
Dibromomethane	2,000,000 {C}	4,600	6.3 U
Dichlorodifluoromethane	1,000,000 {C}	270,000	6.3 U
Ethylbenzene	140,000 {C,I}	1,500 {I}	6.3 U
Iodomethane			13 U
Isobutyl alcohol	8,900,000 {C,I}	130,000 {I}	R
Methacrylonitrile			25 U
Methyl methacrylate			6.3 U
Methylene chloride	2,300,000 {C}	100	6.3 U
Propionitrile			25 U
Pyridine	37,000 {C,I}	420 {I}	210 U
Styrene	520,000 {C}	2,700	6.3 U
Tetrachloroethene	88,000 {C}	100	6.3 U
Toluene	250,000 {C,I}	16,000 {I}	5.9 U
trans-1,2-Dichloroethene	1,400,000 {C}	2,000	6.3 U
trans-1,3-Dichloropropene	620,000 {C}	1,300	6.3 U
trans-1,4-Dichloro-2-butene			6.3 U
Trichloroethene	500,000 {C}	100	6.3 U
Trichlorofluoromethane	560,000 {C}	150,000	6.3 U
Vinyl acetate	2,400,000 {C,I,AD}	36,000 {I}	63 U
Vinyl chloride	29,000	40	6.3 U
Xylenes, Total	150,000 {C,I}	5,600 {I}	6.3 U

See generic notes pages.

TABLE 4-95

APPENDIX IX SVOC ANALYTICAL RESULTS FOR NATIVE SOIL IN THE RAILYARD AREA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	NS-RS-4 (2.5 - 3') 6/13/95 FS
1,2,3,4-Tetrachlorobenzene			210 U
1,2,3,5-Tetrachlorobenzene			210 U
1,2,3-Trichlorobenzene			210 U
1,2,4,5-Tetrachlorobenzene	380,000,000 {D}	1,500,000	210 U
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	4,200	210 U
1,2-Dichlorobenzene	210,000 {C}	14,000	6.3 U
1,2-Dinitrobenzene			210 U
1,3,5-Trichlorobenzene			210 U
1,3,5-Trinitrobenzene			R
1,3-Dichlorobenzene	170,000 {C}	480	6.3 U
1,3-Dinitrobenzene			210 U
1,4-Dichlorobenzene	2,900,000	1,700	6.3 U
1,4-Dinitrobenzene			210 U
1,4-Naphthoquinone			4,200 U
1-Naphthylamine			210 U
2,2'-oxybis(dichloropropane)			210 U
2,3,4,6-Tetrachlorophenol			1,000 U
2,3,5,6-Tetrachlorophenol			210 U
2,4,5-Trichlorophenol	110,000,000	110,000	210 U
2,4,6-Trichlorophenol	5,000,000	9,400	210 U
2,4-Dichlorophenol	1,800,000 {C,AD}	4,200	210 U
2,4-Dimethylphenol	56,000,000	20,000	210 U
2,4-Dinitrophenol			1,000 U
2,4-Dinitrotoluene	340,000	640	210 U
2,4-Toluenediamine			210 U
2,6-Dichlorophenol			210 U
2,6-Dinitrotoluene			210 U
2-Acetylaminofluorene			420 U
2-Chloronaphthalene	280,000,000	1,800,000	210 U
2-Chlorophenol	6,900,000	2,600	210 U
2-Methylnaphthalene	40,000,000	170,000	210 U
2-Methylphenol	56,000,000 {J}	20,000 {J}	210 U
2-Naphthylamine			210 U
2-Nitroaniline			1,000 U
2-Nitrophenol	3,100,000	1,200	210 U
2-Picoline			420 U
3,3'-Dichlorobenzidine	47,000	2,000 {M}	420 U
3,3'-Dimethylbenzidine			1,000 U
3-Methylcholanthrene			2,100 U
3-Methylphenol	56,000,000 {J}	20,000 {J}	210 U
3-Nitroaniline			1,000 U
4,4'Methylene-bis(o-chloroaniline)	48,000	NLL	210 U
4,6-Dinitro-2-methylphenol	390,000	1,700 {M}	1,000 U
4-Aminobiphenyl			1,000 U
4-Bromophenyl phenyl ether			210 U
4-Chloro-3-methylphenol	22,000,000	16,000	210 U
4-Chloroaniline			210 U
4-Chlorophenyl phenyl ether			210 U
4-Methylphenol	56,000,000 {J}	20,000 {J}	210 U
4-Nitroaniline			1,000 U
4-Nitrophenol			1,000 U
4-Nitroquinoline1-oxide			2,100 UJ
5-Nitro-o-toluidine			210 U
7,12-Dimethylbenz(a)anthracene			2,100 U
Acenaphthene	200,000,000	880,000	210 U
Acenaphthylene	8,000,000	17,000	210 U
Acetophenone	1,100,000 {C}	88,000	210 U
alpha,alpha-Dimethyl phenethylamine			2,000 U

See generic notes pages.

TABLE 4-95

APPENDIX IX SVOC ANALYTICAL RESULTS FOR NATIVE SOIL IN THE RAILYARD AREA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	NS-RS-4 (2.5 - 3') 6/13/95 FS
Aniline	2,300,000	4,400	210 U
Anthracene	1,000,000,000 {D}	41,000	210 U
Aramite			1,000 UJ
Benzidine	1,000 {M}	1,000 {M}	210 UJ
Benzo(a)anthracene	100,000 {Q}	NLL {Q}	210 U
Benzo(a)pyrene	10,000 {Q}	NLL {Q}	210 U
Benzo(b)fluoranthene	100,000 {Q}	NLL {Q}	210 U
Benzo(g,h,i)perylene	9,100,000	NLL	210 U
Benzo(k)fluoranthene	1,000,000 {Q}	NLL {Q}	210 U
Benzoic Acid	1,000,000,000 {D}	1,800,000	420 U
Benzyl alcohol	5,800,000 {C}	580,000	210 U
bis(2-Chloroethoxy)methane			210 U
bis(2-Chloroethyl)ether	89,000 {I}	330 {I,M}	210 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	NLL	210 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	210 U
Carbazole	3,700,000	39,000	210 U
Chrysene	10,000,000 {Q}	NLL {Q}	210 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	**3,200**
Di-n-octyl phthalate	28,000,000	140,000,000 {C}	210 U
Diallate			210 U
Dibenz(a,h)anthracene	10,000 {Q}	NLL {Q}	210 U
Dibenzofuran	ID	ID	210 U
Diethyl phthalate	740,000 {C}	320,000	210 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	210 U
Diphenylamine			210 U
Ethyl methacrylate			6.3 U
Ethyl methanesulfonate			210 U
Fluoranthene	180,000,000	730,000	210 U
Fluorene	130,000,000	890,000	210 U
Hexachlorobenzene	51,000	1,800	210 U
Hexachlorobutadiene	350,000 {C}	72,000	210 U
Hexachlorocyclopentadiene	720,000 {C}	320,000	210 U
Hexachloroethane	1,100,000	1,200	210 U
Hexachlorophene			210 UJ
Hexachloropropene			2,100 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	NLL {Q}	210 U
Isophorone	2,400,000 {C}	62,000	210 U
Isosafrole, Total			210 U
Methapyrilene			2,100 U
Methyl methanesulfonate			210 U
N-Nitroso-di-n-propylamine	8,300	330 {M}	210 U
N-Nitrosodi-n-butylamine			210 U
N-Nitrosodiethylamine			210 U
N-Nitrosodimethylamine			210 U
N-Nitrosodiphenylamine	12,000,000	22,000	210 U
N-Nitrosomethylethylamine			210 U
N-Nitrosomorpholine			210 U
N-Nitrosopiperidine			210 U
N-Nitrosopyrrolidine			210 U
Naphthalene	80,000,000	100,000	210 U
Nitrobenzene	490,000 {C,I}	330 {I,M}	210 U
o-Toluidine			210 U
p-Chlorobenzilate			210 U
p-Dimethylaminoazobenzene			420 U
p-Phenylene diamine			1,000 U
Pentachlorobenzene	190,000 {C}	81,000	210 U
Pentachloroethane			1,000 U
Pentachloronitrobenzene	8,400,000	37,000	1,000 U

See generic notes pages.

TABLE 4-95

APPENDIX IX SVOC ANALYTICAL RESULTS FOR NATIVE SOIL IN THE RAILYARD AREA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	NS-RS-4 (2.5 - 3') 6/13/95 FS
Pentachlorophenol	390,000	22	1,000 U
Phenacetin			1,000 U
Phenanthrene	8,000,000	160,000	210 U
Phenol	12,000,000 {C,AD}	260,000	210 U
Pronamide			420 U
Pyrene	110,000,000	480,000	210 U
Safrole, Total			210 U
Tetraethyl Dithiopyrophosphate			1,000 U

See generic notes pages.

TABLE 4-96

APPENDIX IX PCB ANALYTICAL RESULTS FOR NATIVE SOIL IN THE RAILYARD AREA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	NS-RS-4 (2.5 - 3') 6/13/95 FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	210 U
Aroclor-1221	20,000 {J,T}	NLL {J,T}	210 U
Aroclor-1232	20,000 {J,T}	NLL {J,T}	210 U
Aroclor-1242	20,000 {J,T}	NLL {J,T}	210 U
Aroclor-1248	20,000 {J,T}	NLL {J,T}	210 U
Aroclor-1254	20,000 {J,T}	NLL {J,T}	210 U
Aroclor-1260	20,000 {J,T}	NLL {J,T}	210 U
Total Aroclors	20,000 {J,T}	NLL {J,T}	ND

See generic notes pages.

TABLE 4-97

APPENDIX IX PESTICIDE/HERBICIDE AND DIOXIN/FURAN ANALYTICAL RESULTS FOR NATIVE SOIL IN THE RAILYARD AREA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic EDC Value	MDEQ Generic IDWP Value	NS-RS-4 (2.5 - 3') 6/13/95 FS
2,4,5-T			32 U
2,4,5-TP(Silvex)	8,400,000	3,600	32 U
2,4-D	15,000,000	1,400	130 U
4,4'-DDD	540,000	NLL	2.1 U
4,4'-DDE	260,000	NLL	2.1 U
4,4'-DDT	460,000	NLL	2.1 U
Aldrin	5,900	NLL	1.1 U
alpha-BHC	19,000	71	1.1 U
alpha-Chlordane	240,000 {J}	NLL {J}	2.1 U
beta-BHC	38,000	150	1.1 U
delta-BHC			1.1 U
Dieldrin	6,400	NLL	2.1 U
Dimethoate			22 U
Dinoseb	140,000 {C,AD}	300	13 UJ
Disulfoton			22 U
Endosulfan I	6,700,000	NLL	2.1 U
Endosulfan II	6,700,000	NLL	2.1 U
Endosulfan sulfate			2.1 U
Endrin aldehyde			2.1 U
Endrin	260,000	NLL	2.1 U
Famphur			22 U
gamma-BHC (Lindane)	73,000	20 {M}	1.1 U
gamma-Chlordane	24,000,000 {J}	NLL {J}	2.1 U
Heptachlor epoxide	13,000	NLL	1.1 U
Heptachlor	32,000	NLL	1.1 UJ
Isodrin			10 U
Kepone			100 UJ
Methoxychlor	7,700,000	16,000	32 UJ
Methyl parathion	280,000	130	22 U
O,O,O-Triethylphosphorothioate			22 U
Parathion			22 U
Phorate			22 U
Thionazin (Zinophos)			22 U
Toxaphene	120,000	24,000	110 U
2,3,7,8-TCDD	0.99 {O}	NLL {O}	0.25 U
HxCDDs, Total			0.0022 U
HxCDFs, Total			0.00036 U
PeCDDs, Total			0.0027 U
PeCDFs, Total			0.0010 U
TCDDs, Total			**0.0046**
TCDFs, Total			0.00086 U
2,3,7,8-TCDD TEQ			**0.00007**

See generic notes pages.

TABLE 4-98

APPENDIX IX INORGANIC ANALYTICAL RESULTS FOR NATIVE SOIL IN THE RAILYARD AREA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	NS-RS-4 (2.5 - 3') 6/13/95 FS
Antimony	1,200,000	4,300	1,270 UJ*
Arsenic	61,000 {B}	23,000 {B}	**7,040 J**
Barium	250,000,000	1,300,000	**62,200 J**
Beryllium	3,100,000	51,000	633 U
Cadmium	4,100,000 {B}	6,000 {B}	**158 J**
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	**22,200 J**
Cobalt	18,000,000	2,000	6,330 U
Copper	140,000,000	5,800,000	**12,100 J**
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	320 U
Lead	900,000 (draft)	700,000	**6,290 J**
Mercury	1,100,000	1,700	63 U
Nickel	270,000,000 {B}	100,000 {B}	**17,500 J**
Selenium	18,000,000 {B}	4,000 {B}	1,270 U*
Silver	17,000,000 {B}	13,000 {B}	1,270 UJ*
Thallium	240,000 {B}	2,300 {B}	317 U
Tin			127,000 U
Vanadium	10,000,000	990,000	**26,900 J**
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	**37,000**

See generic notes pages.

TABLE 4-99

TCL PCB ANALYTICAL RESULTS FOR CONFIRMATION SOIL SAMPLES
AT POTENTIAL WORKER EXPOSURE SOIL EXCAVATION AREAS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ	MDEQ	Railyard		Unpaved Area					
	Generic IDC	Generic IDWP	RY-B1 7/14/98	RY-B2 7/14/98	UP-B1 7/14/98	UP-B2 7/14/98	UP-S1 7/14/98		UP-S2 7/14/98	UP-S3 7/14/98
Constituents (ug/kg)	Value	Value	FS	FS	FS	FS	FS	DUP	FS	FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Aroclor-1221	20,000 {J,T}	NLL {J,T}	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Aroclor-1232	20,000 {J,T}	NLL {J,T}	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Aroclor-1242	20,000 {J,T}	NLL {J,T}	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Aroclor-1248	20,000 {J,T}	NLL {J,T}	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Aroclor-1254	20,000 {J,T}	NLL {J,T}	330 U	330 U	**1,400**	**430**	**680**	**630**	**280 J**	**340**
Aroclor-1260	20,000 {J,T}	NLL {J,T}	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Total Aroclors	20,000 {J,T}	NLL {J,T}	ND	ND	**1,400**	**430**	**680**	**630**	**280 J**	**340**

See generic notes pages.

TABLE 4-100

TCL PCB ANALYTICAL RESULTS FOR SOIL
AT SAGINAW RIVER BERM SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MW-183WT (8 - 8.5') 7/24/00 FS	SB-374 (9.5 - 10.5') 7/24/00 FS	SB-375 (6.5 - 7.5') 7/24/00 FS	SB-375 (6.5 - 7.5') 7/24/00 DUP	SB-376 (7 - 8') 7/25/00 FS	SB-377 (0 - 0.5') 7/25/00 FS	SB-377 (0 - 0.5') 7/25/00 DUP	SB-377 (0.5 - 1') 7/25/00 FS	SB-378 (0 - 0.5') 7/25/00 FS	SB-378 (0.5 - 1') 7/25/00 FS	SB-379 (0 - 0.5') 7/25/00 FS	SB-379 (0.5 - 1') 7/25/00 FS	SB-380 (0 - 0.5') 7/25/00 FS	SB-380 (0.5 - 1') 7/25/00 FS	SB-381 (0 - 0.5') 7/25/00 FS	SB-381 (0.5 - 1') 7/25/00 FS
Aroclor-1016	20,000 {J,T}	42 U	45 U	46 U	45 U	45 U	350 U	180 U	170 U	36 U	36 U	190 U	33 U	180 U	34 U	180 U	34 U
Aroclor-1221	20,000 {J,T}	42 U	45 U	46 U	45 U	45 U	350 U	180 U	170 U	36 U	36 U	190 U	33 U	180 U	34 U	180 U	34 U
Aroclor-1232	20,000 {J,T}	42 U	45 U	46 U	45 U	45 U	350 U	180 U	170 U	36 U	36 U	190 U	33 U	180 U	34 U	180 U	34 U
Aroclor-1242	20,000 {J,T}	42 U	45 U	46 U	45 U	45 U	350 U	180 U	170 U	36 U	36 U	190 U	33 U	180 U	34 U	180 U	34 U
Aroclor-1248	20,000 {J,T}	42 U	45 U	46 U	45 U	**56 J**	350 U	180 U	170 U	36 U	**130**	190 U	**320**	**970**	**180**	**780**	**220**
Aroclor-1254	20,000 {J,T}	42 U	45 U	46 U	45 U	45 U	350 U	180 U	**380**	36 U	36 U	**390**	33 U	180 U	34 U	180 U	34 U
Aroclor-1260	20,000 {J,T}	42 U	45 U	46 U	45 U	45 U	**1,200**	**1,100**	**190**	**130**	36 U	190 U	33 U	180 U	34 U	180 U	34 U
Total Aroclors	20,000 {J,T}	ND	ND	ND	ND	**56**	**1,200**	**1,100**	**570**	**130**	**130**	**390**	**320**	**970**	**180**	**780**	**220**

See generic notes pages.

TABLE 4-100

TCL PCB ANALYTICAL RESULTS FOR SOIL
AT SAGINAW RIVER BERM SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	SB-382		SB-383		SB-384		SB-385		SB-386		SB-387		SB-388	
		(0 - 0.5') 7/25/00 FS	(0.5 - 1') 7/25/00 FS	(0 - 0.5') 7/25/00 FS	(0.5 - 1') 7/25/00 FS	(0 - 0.5') 7/25/00 FS	(0.5 - 1') 7/25/00 FS	(0 - 0.5') 7/25/00 FS	(0.5 - 1') 7/25/00 FS	(0 - 0.5') 7/25/00 FS	(0.5 - 1') 7/25/00 FS	(0 - 0.5') 7/25/00 FS	(0.5 - 1') 7/25/00 FS	(0 - 0.5') 7/25/00 FS	(0.5 - 1') 7/25/00 FS
Aroclor-1016	20,000 {J,T}	340 U	360 U	34 U	34 U	35 U	35 U	35 U	35 U	34 U	34 U	34 U	36 U	34 U	36 U
Aroclor-1221	20,000 {J,T}	340 U	360 U	34 U	34 U	35 U	35 U	35 U	35 U	34 U	34 U	34 U	36 U	34 U	36 U
Aroclor-1232	20,000 {J,T}	340 U	360 U	34 U	34 U	35 U	35 U	35 U	35 U	34 U	34 U	34 U	36 U	34 U	36 U
Aroclor-1242	20,000 {J,T}	340 U	360 U	34 U	34 U	35 U	35 U	35 U	35 U	34 U	34 U	34 U	36 U	34 U	36 U
Aroclor-1248	20,000 {J,T}	**3,300**	**3,500**	34 U	34 U	35 U	35 U	35 U	35 U	34 U	34 U	34 U	36 U	34 U	36 U
Aroclor-1254	20,000 {J,T}	340 U	360 U	**190**	**25 J**	**370**	**570**	**59**	35 U	**46**	**43**	**230**	**110**	**96**	**45**
Aroclor-1260	20,000 {J,T}	340 U	360 U	34 U	34 U	35 U	35 U	**70**	**38**	**60**	**36**	**280**	**97**	**71**	36 U
Total Aroclors	20,000 {J,T}	**3,300**	**3,500**	**190**	**25**	**370**	**570**	**129**	**38**	**106**	**79**	**510**	**207**	**167**	**45**

See generic notes pages.

TABLE 4-101

TAL INORGANIC ANALYTICAL RESULTS FOR SOIL
AT SAGINAW RIVER BERM SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	MW-183WT (8 - 8.5') 7/24/00 FS	SB-374 (9.5 - 10.5') 7/24/00 FS	SB-375 (6.5 - 7.5') 7/24/00 FS	SB-375 (6.5 - 7.5') 7/24/00 DUP	SB-376 (7 - 8') 7/25/00 FS	SB-377 (0 - 0.5') 7/25/00 FS	SB-377 (0 - 0.5') 7/25/00 DUP	SB-377 (0.5 - 1') 7/25/00 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	4,830,000	7,080,000	5,090,000	4,160,000	5,500,000	13,700,000	11,400,000	4,060,000
Antimony	1,200,000	4,300	7,700 UJ	8,200 UJ	8,300 UJ	8,100 UJ	8,200 UJ	6,400 UJ	6,500 UJ	6,300 UJ
Arsenic	61,000 {B}	23,000 {B}	5,200 J	3,200 J	3,900	3,800 J	3,200	4,900 J	4,400	3,400 J
Barium	250,000,000	1,300,000	39,900	56,600	34,100	31,900	44,800	81,100	83,000	21,200
Beryllium	3,100,000	51,000	640 U	690 U	690 U	680 U	680 U	530 U	540 U	520 U
Cadmium	4,100,000 {B}	6,000 {B}	90 B	630 B	690 U	380 B	680 U	640	70 B	1,000
Calcium			31,200,000	36,000,000	37,400,000	33,500,000	31,600,000	16,500,000	16,200,000	17,100,000
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	10,400	14,900	10,400 J	9,700	11,500 J	24,600	39,100 J	31,900
Cobalt	18,000,000	2,000	3,700 B	5,500 B	4,500 B	3,900 B	4,000 B	7,100	6,300	3,000 B
Copper	140,000,000	5,800,000	6,500	10,400	7,100	6,200	7,600	32,600	17,900	27,600
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	640 U	690 U	690 U	680 U	680 U	530 U	540 U	520 U
Iron	1,000,000,000 {B,D}	6,000 {B}	11,800,000	16,500,000	10,000,000	10,200,000	9,280,000	18,800,000	18,200,000	38,400,000
Lead	900,000 (draft)	700,000	3,900 ND	5,600	3,900 U	3,400	4,300	11,700	11,800	2,600
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	11,600,000	17,300,000	12,900,000	11,800,000	13,700,000	7,380,000	5,330,000	1,190,000
Manganese	170,000,000 {B}	1,000 {B}	333,000	450,000	476,000 J	360,000	266,000 J	527,000	1,690,000 J	3,510,000
Mercury	1,100,000	1,700	29 BJ	230 J	140 U	34 BJ	140 U	28 BJ	110 U	100 UJ
Nickel	270,000,000 {B}	100,000 {B}	8,100	13,200	9,100	8,400	9,000	22,200	17,900	25,400
Potassium			649,000	1,100,000	907,000	631,000 B	942,000	2,210,000	1,450,000	381,000 B
Selenium	18,000,000 {B}	4,000 {B}	640 U	760	530 B	600 B	1,200	1,300	680	2,900
Silver	17,000,000 {B}	13,000 {B}	1,300 U	1,400 U	1,000 U	1,400 U	1,400 U	1,100 U	1,100 U	220 B
Sodium	1,000,000,000 {D}	7,000,000	640,000 ND	687,000 U	692,000 U	678,000 U	681,000 U	532,000 U	539,000 U	521,000 U
Thallium	240,000 {B}	2,300 {B}	1,300 U	1,400 U	1,400 U	700 B	1,400 U	1,100 U	1,100 U	1,000 U
Vanadium	10,000,000	990,000	13,900	17,200	13,300	11,400	14,200	29,000	25,600	9,700
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	26,900 J	35,900 J	31,500 J	23,700 J	31,700 J	39,300 J	39,800 J	9,200 U

See generic notes pages.

> IPSIC (1,500,000)

> SSCC (4,504,000)

TABLE 4-101

TAL INORGANIC ANALYTICAL RESULTS FOR SOIL
AT SAGINAW RIVER BERM SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-378 (0 - 0.5') 7/25/00 FS	SB-378 (0.5 - 1') 7/25/00 FS	SB-379 (0 - 0.5') 7/25/00 FS	SB-379 (0.5 - 1') 7/25/00 FS	SB-380 (0 - 0.5') 7/25/00 FS	SB-380 (0.5 - 1') 7/25/00 FS	SB-381 (0 - 0.5') 7/25/00 FS	SB-381 (0.5 - 1') 7/25/00 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	6,300,000	22,500,000	9,030,000	4,390,000	12,100,000	25,200,000	14,700,000	27,900,000
Antimony	1,200,000	4,300	6,600 UJ	1,800 BJ	6,800 UJ	6,100 UJ	6,600 UJ	1,700 BJ	650 BJ	1,800 BJ
Arsenic	61,000 {B}	23,000 {B}	2,300 J	1,900 J	3,600 J	1,400 J	4,600 J	1,900 J	4,700 J	2,400 J
Barium	250,000,000	1,300,000	39,100	138,000	55,100	27,100	71,100	136,000	81,700	199,000
Beryllium	3,100,000	51,000	550 U	540 U	560 U	510 U	550 U	520 U	550 U	510 U
Cadmium	4,100,000 {B}	6,000 {B}	400 B	1,200	570	310 B	660	1,300	710	1,200
Calcium			14,300,000	101,000,000	17,300,000	14,300,000	16,400,000	100,000,000	24,100,000	163,000,000
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	31,500	245,000	36,700	31,500	42,300	184,000	58,900	324,000
Cobalt	18,000,000	2,000	2,800 B	3,200 B	4,700 B	1,300 B	5,500	3,300 B	5,600	2,800 B
Copper	140,000,000	5,800,000	10,400	11,200	16,000	5,600	18,400	30,000	18,700	13,400
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	550 U	540 U	560 U	510 U	550 U	520 U	550 U	510 U
Iron	1,000,000,000 {B,D}	6,000 {B}	13,800,000	37,200,000	17,500,000	9,800,000	19,500,000	40,200,000	19,400,000	32,800,000
Lead	900,000 (draft)	700,000	5,900	4,900	9,600	3,500	16,500	24,400	13,800	44,000
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	2,220,000	1,780,000	3,650,000	588,000	4,580,000	1,790,000	5,300,000	1,990,000
Manganese	170,000,000 {B}	1,000 {B}	1,330,000	23,100,000	1,350,000	2,250,000	1,950,000	24,500,000	3,040,000	32,600,000
Mercury	1,100,000	1,700	33 BJ	110 UJ	54 BJ	100 UJ	56 BJ	26 BJ	39 BJ	11 BJ
Nickel	270,000,000 {B}	100,000 {B}	9,800	4,300	15,600	3,500 B	18,900	6,900 U	18,300	4,100 U
Potassium			905,000	2,440,000	1,180,000	374,000 B	1,770,000	2,850,000	2,310,000	2,760,000
Selenium	18,000,000 {B}	4,000 {B}	840	1,000 B G	1,200	560	1,200	1,300 B G	1,600	2,100 B G
Silver	17,000,000 {B}	13,000 {B}	1,100 U	540 B G	1,100 U	180 B	1,100 U	400 B	1,100 U	1,300 B
Sodium	1,000,000,000 {D}	7,000,000	548,000 U	1,640,000	563,000 U	507,000 U	553,000 U	2,380,000	550,000 U	547,000 U
Thallium	240,000 {B}	2,300 {B}	1,100 U	3,300 B G	1,100 U	1,000 U	1,100 U	10,400 U	1,100 U	10,200 U
Vanadium	10,000,000	990,000	13,700	41,400	19,900	8,900	23,200	25,600	28,600	37,000
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	28,200 J	8,200 U	40,600 J	6,800 U	43,900 J	18,500 J	42,300 J	14,500 U

See generic notes pages.

TABLE 4-101

TAL INORGANIC ANALYTICAL RESULTS FOR SOIL
AT SAGINAW RIVER BERM SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-382 (0 - 0.5') 7/25/00 FS	SB-382 (0.5 - 1') 7/25/00 FS	SB-383 (0 - 0.5') 7/25/00 FS	SB-383 (0.5 - 1') 7/25/00 FS	SB-384 (0 - 0.5') 7/25/00 FS	SB-384 (0.5 - 1') 7/25/00 FS	SB-385 (0 - 0.5') 7/25/00 FS	SB-385 (0.5 - 1') 7/25/00 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	9,170,000	10,500,000	3,350,000	3,730,000	8,770,000	6,030,000	4,740,000	4,040,000
Antimony	1,200,000	4,300	6,200 UJ	920 BJ	6,300 UJ	6,100 UJ	6,400 UJ	6,300 UJ	6,300 UJ	6,400 UJ
Arsenic	61,000 {B}	23,000 {B}	5,900 J	6,100 J	1,700 J	1,300 J	4,500 J	3,200 J	4,200 J	2,500
Barium	250,000,000	1,300,000	70,200	83,000	14,700 B	9,600 B	50,700	39,600	38,300	52,300
Beryllium	3,100,000	51,000	520 U	550 U	520 U	510 U	530 U	520 U	530 U	540 U
Cadmium	4,100,000 {B}	6,000 {B}	870	1,200	290 B	140 B	550	630	530	580
Calcium			26,900,000	33,400,000	10,500,000	2,490,000	13,000,000	108,000,000	15,900,000	55,300,000
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	42,700	65,000	8,400	3,900	24,700	42,600	15,400	12,200 J
Cobalt	18,000,000	2,000	4,900 B	5,100 B	1,300 B	1,100 B	4,000 B	2,400 B	3,200 B	2,200 B
Copper	140,000,000	5,800,000	20,000	32,100	8,800	3,000 U	15,400	16,000	18,000	10,600
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	520 U	550 U	520 U	510 U	530 U	520 U	530 U	540 U
Iron	1,000,000,000 {B,D}	6,000 {B}	20,300,000	26,500,000	7,030,000	4,710,000	13,900,000	15,300,000	10,900,000	6,980,000
Lead	900,000 (draft)	700,000	37,700	46,900	15,200	2,600	15,500	14,500	26,300	120,000
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	5,780,000	5,330,000	1,130,000	847,000	4,320,000	3,680,000	4,900,000	10,900,000
Manganese	170,000,000 {B}	1,000 {B}	2,190,000	3,450,000	225,000	156,000	738,000	2,070,000	276,000	384,000 J
Mercury	1,100,000	1,700	58 BJ	80 BJ	23 BJ	11 BJ	51 BJ	36 BJ	64 BJ	110 U
Nickel	270,000,000 {B}	100,000 {B}	16,800	21,000	5,100 U	4,100 U	13,700	16,400	11,100 U	7,400
Potassium			1,490,000	1,400,000	368,000 B	356,000 B	1,550,000	742,000	912,000	646,000
Selenium	18,000,000 {B}	4,000 {B}	1,500	2,000	350 B	510 U	980	880	680	610
Silver	17,000,000 {B}	13,000 {B}	1,000 U	330 B	1,000 U	1,000 U	1,100 U	180 B	1,100 U	1,100 U
Sodium	1,000,000,000 {D}	7,000,000	516,000 U	552,000 U	521,000 U	510,000 U	532,000 U	524,000 U	525,000 U	536,000 U
Thallium	240,000 {B}	2,300 {B}	1,000 U	1,100 U	1,000 U	1,000 U	1,100 U	1,000 U	1,100 U	590 B
Vanadium	10,000,000	990,000	20,100	21,100	4,800 B	4,400 B	17,800	12,800	11,500	9,300
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	73,100 J	78,200 J	27,900 J	7,500 U	46,800 J	26,400 J	56,000 J	50,100 J

See generic notes pages.

TABLE 4-101

TAL INORGANIC ANALYTICAL RESULTS FOR SOIL
AT SAGINAW RIVER BERM SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-386 (0 - 0.5') 7/25/00 FS	SB-386 (0.5 - 1') 7/25/00 FS	SB-387 (0 - 0.5') 7/25/00 FS	SB-387 (0.5 - 1') 7/25/00 FS	SB-388 (0 - 0.5') 7/25/00 FS	SB-388 (0.5 - 1') 7/25/00 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	3,710,000	3,490,000	4,430,000	3,530,000	7,610,000	3,670,000
Antimony	1,200,000	4,300	6,200 UJ	6,200 UJ	6,200 UJ	6,600 UJ	6,300 UJ	6,600 UJ
Arsenic	61,000 {B}	23,000 {B}	3,200	2,500	3,800	2,300	6,100	5,700
Barium	250,000,000	1,300,000	37,200	22,100	39,900	25,700	76,300	37,900
Beryllium	3,100,000	51,000	60 B	520 U	520 U	550 U	520 U	550 U
Cadmium	4,100,000 {B}	6,000 {B}	520 U	520 U	340 B	550 U	210 B	120 B
Calcium			13,000,000	16,600,000	13,300,000	10,500,000	30,400,000	33,100,000
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	25,100 J	7,700 J	21,600 J	43,900 J	65,700 J	22,700 J
Cobalt	18,000,000	2,000	2,200 B	2,200 B	3,100 B	1,700 B	3,800 B	2,900 B
Copper	140,000,000	5,800,000	13,500	5,600	28,700	16,700	28,200	15,300
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	520 U	520 U	520 U	550 U	520 U	550 U
Iron	1,000,000,000 {B,D}	6,000 {B}	10,500,000	5,930,000	15,000,000	12,400,000	20,900,000	9,800,000
Lead	900,000 (draft)	700,000	45,100	8,500	61,500	9,000	27,400	11,300
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	2,270,000	4,420,000	3,530,000	1,040,000	5,800,000	8,370,000
Manganese	170,000,000 {B}	1,000 {B}	1,180,000 J	173,000 J	686,000 J	2,200,000 J	2,940,000 J	909,000 J
Mercury	1,100,000	1,700	160	100 U	100 U	110 U	100 U	110 U
Nickel	270,000,000 {B}	100,000 {B}	7,700	6,500	13,000	14,100	14,000	8,400
Potassium			515,000 B	633,000	686,000	392,000 B	1,120,000	515,000 B
Selenium	18,000,000 {B}	4,000 {B}	330 B	360 B	510 B	490 B	970	550 U
Silver	17,000,000 {B}	13,000 {B}	1,000 U	1,000 U	1,000 U	1,100 U	190 B	1,100 U
Sodium	1,000,000,000 {D}	7,000,000	516,000 U	516,000 U	516,000 U	550,000 U	521,000 U	550,000 U
Thallium	240,000 {B}	2,300 {B}	1,000 U	1,000 U	1,000 U	1,100 U	550 B	1,100 U
Vanadium	10,000,000	990,000	9,500	9,000	10,500	9,400	17,200	9,000
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	57,900 J	16,200 J	101,000 J	12,000	54,100 J	37,500 J

See generic notes pages.

TABLE 4-102

TCL PCB ANALYTICAL RESULTS FOR SOIL
AT SECONDARY SETTLING POND SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-419 8/18/00 FS	SB-420 8/18/00 FS	SB-421 8/18/00 FS	SB-422 8/18/00 FS	SB-423 8/18/00 FS	SB-423 8/18/00 DUP	SB-424 8/18/00 FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	680 U	440 U	720 U	410 U	4,300 U	870 U	410 U
Aroclor-1221	20,000 {J,T}	NLL {J,T}	680 U	440 U	720 U	410 U	4,300 U	870 U	410 U
Aroclor-1232	20,000 {J,T}	NLL {J,T}	680 U	440 U	720 U	410 U	4,300 U	870 U	410 U
Aroclor-1242	20,000 {J,T}	NLL {J,T}	680 U	440 U	720 U	410 U	4,300 U	870 U	410 U
Aroclor-1248	20,000 {J,T}	NLL {J,T}	**110 J**	**64 J**	**160 J**	410 U	4,300 U	870 U	410 U
Aroclor-1254	20,000 {J,T}	NLL {J,T}	680 U	440 U	720 U	410 U	4,300 U	870 U	410 U
Aroclor-1260	20,000 {J,T}	NLL {J,T}	**140 J**	**100 J**	**400 J**	**44 J**	**1,100 J**	**570 J**	**42 J**
Total Aroclors	20,000 {J,T}	NLL {J,T}	**250**	**164**	**560**	**44**	**1,100**	**570**	**42**

See generic notes pages.

TABLE 4-103

TCL VOC ANALYTICAL RESULTS FOR SOIL
AT SAMPLING LOCATIONS SOUTH AND WEST OF THE GREEN POINT LANDFILL

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-389 (0 - 0.5') 8/11/00 FS	SB-390 (0 - 0.5') 8/11/00 FS	SB-391 (0 - 0.5') 8/11/00 FS	SB-392 (0 - 0.5') 8/11/00 FS	SB-393 (0 - 0.5') 8/11/00 FS	SB-394 (0 - 0.5') 8/11/00 FS	SB-395 (0 - 0.5') 8/11/00 FS	SB-396 (0 - 0.5') 8/11/00 FS	SB-397 (0 - 0.5') 8/11/00 FS	SB-398 (0 - 0.5') 8/11/00 FS
1,1,1-Trichloroethane	460,000 {C}	4,000	5.8 U	8.7 U	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	15 U	7.0 U	6.1 U
1,1,2,2-Tetrachloroethane	370,000	700	5.8 U	8.7 U	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	15 U	7.0 U	6.1 U
1,1,2-Trichloroethane	920,000 {C}	100	R	8.7 UJ	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	R	7.0 U	6.1 U
1,1-Dichloroethane	890,000 {C}	50,000	5.8 U	8.7 U	7.1 U	6.8 U	**3.9 J**	6.7 U	6.7 U	15 U	7.0 U	6.1 U
1,1-Dichloroethene	570,000 {C,I}	140 {I}	5.8 U	8.7 U	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	15 U	7.0 U	6.1 U
1,2-Dichlorobenzene	210,000 {C}	14,000	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U
1,2-Dichloroethane	640,000 {I}	100 {I}	5.8 U	8.7 U	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	15 U	7.0 U	6.1 U
1,2-Dichloroethene, Total	640,000 {C}	1,400	5.8 U	8.7 U	7.1 U	6.8 U	**31**	6.7 U	6.7 U	15 U	7.0 U	6.1 U
1,2-Dichloropropane	550,000 {C,I}	100 {I}	5.8 U	8.7 U	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	15 U	7.0 U	6.1 U
1,3-Dichlorobenzene	170,000 {C}	480	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U
1,4-Dichlorobenzene	2,900,000	1,700	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U
2-Butanone	27,000,000 {C,I,AD}	760,000 {I}	23 U	35 U	28 U	27 U	27 U	27 U	27 U	61 U	28 U	24 U
2-Hexanone	2,500,000 {C}	58,000	R	35 UJ	28 U	27 U	27 U	27 U	27 U	R	28 U	24 U
4-Methyl-2-pentanone	2,700,000 {C,I}	100,000 {I}	23 U	35 U	28 U	27 U	27 U	27 U	27 U	61 U	28 U	24 U
Acetone	110,000,000 {I}	42,000 {I}	23 U	35 U	28 U	27 U	27 U	27 U	27 U	61 U	28 U	24 U
Benzene	400,000 {C,I}	100 {I}	5.8 U	8.7 U	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	15 U	7.0 U	6.1 U
Bromodichloromethane	750,000	2,000 {W}	5.8 U	8.7 U	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	15 U	7.0 U	6.1 U
Bromoform	870,000 {C}	2,000 {W}	R	8.7 UJ	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	R	7.0 U	6.1 U
Bromomethane	1,600,000	580	12 U	17 U	14 U	14 U	13 U	13 U	13 U	31 U	14 U	12 U
Carbon disulfide	280,000 {C,I,R,AD}	46,000 {I,R}	5.8 U	8.7 U	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	15 U	7.0 U	6.1 U
Carbon tetrachloride	390,000 {C}	100	5.8 U	8.7 U	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	15 U	7.0 U	6.1 U
Chlorobenzene	260,000 {C,I}	2,000 {I}	R	8.7 UJ	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	R	7.0 U	6.1 U
Chlorodibromomethane	610,000 {C}	2,000 {W}	5.8 U	8.7 U	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	15 U	7.0 U	6.1 U
Chloroethane	950,000 {C}	34,000	12 U	17 U	14 U	14 U	13 U	13 U	13 U	31 U	14 U	12 U
Chloroform	1,500,000 {C}	2,000 {W}	5.8 U	8.7 U	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	15 U	7.0 U	6.1 U
Chloromethane	1,100,000 {C,I}	22,000 {I}	12 U	17 U	14 U	14 U	13 U	13 U	13 U	31 U	14 U	12 U
cis-1,3-Dichloropropene		1,300	5.8 U	8.7 U	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	15 U	7.0 U	6.1 U
cis-1,3-Dichloropropene	620,000 {C}		5.8 U	8.7 U	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	15 U	7.0 U	6.1 U
Ethylbenzene	140,000 {C,I}	1,500 {I}	R	8.7 UJ	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	R	7.0 U	6.1 U
Methylene chloride	2,300,000 {C}	100	**86 J**	**20**	7.1 U	6.8 U	**78**	6.7 U	6.7 U	**300 J**	**4.7 J**	**22**
Styrene	520,000 {C}	2,700	R	8.7 UJ	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	R	7.0 U	6.1 U
Tetrachloroethene	88,000 {C}	100	R	8.7 UJ	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	R	7.0 U	6.1 U
Toluene	250,000 {C,I}	16,000 {I}	R	8.7 UJ	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	R	7.0 U	6.1 U
trans-1,3-Dichloropropen	620,000 {C}	1,300	R	8.7 UJ	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	R	7.0 U	6.1 U
Trichloroethene	500,000 {C}	100	5.8 U	8.7 U	7.1 U	6.8 U	**3.9 J**	6.7 U	6.7 U	15 U	7.0 U	6.1 U
Vinyl chloride	29,000	40	12 U	17 U	14 U	14 U	13 U	13 U	13 U	31 U	14 U	12 U
Xylenes, Total	150,000 {C,I}	5,600 {I}	R	8.7 UJ	7.1 U	6.8 U	6.7 U	6.7 U	6.7 U	R	7.0 U	6.1 U

See generic notes pages.

TABLE 4-103

TCL VOC ANALYTICAL RESULTS FOR SOIL
AT SAMPLING LOCATIONS SOUTH AND WEST OF THE GREEN POINT LANDFILL

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-399 (0 - 0.5') 8/11/00 FS	SB-400 (0 - 0.5') 8/11/00 FS	SB-406 (0 - 0.5') 8/11/00 FS	SB-412 (0 - 0.5') 8/11/00 FS	SB-418 (0 - 0.5') 8/11/00 FS	SB-418 (0 - 0.5') 8/11/00 DUP	TP1 (0 - 4') 5/22/98 FS	TP1 (4 - 8') 5/22/98 FS	TP2 (0 - 4') 5/22/98 FS	TP2 (4 - 8') 5/22/98 FS
1,1,1-Trichloroethane	460,000 {C}	4,000	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,1,2,2-Tetrachloroethane	370,000	700	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,1,2-Trichloroethane	920,000 {C}	100	6.2 U	8.0 U	R	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,1-Dichloroethane	890,000 {C}	50,000	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,1-Dichloroethene	570,000 {C,I}	140 {I}	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,2-Dichlorobenzene	210,000 {C}	14,000	410 U	530 U	360 U	580 U	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*
1,2-Dichloroethane	640,000 {I}	100 {I}	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,2-Dichloroethene, Total	640,000 {C}	1,400	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,2-Dichloropropane	550,000 {C,I}	100 {I}	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,3-Dichlorobenzene	170,000 {C}	480	410 U	530 U	360 U	580 U	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*
1,4-Dichlorobenzene	2,900,000	1,700	410 U	530 U	360 U	580 U	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*
2-Butanone	27,000,000 {C,I,AD}	760,000 {I}	25 U	32 U	22 U	35 U	26 U	28 U	*20 U*	*20 U*	*20 U*	*20 U*
2-Hexanone	2,500,000 {C}	58,000	25 U	32 U	R	35 U	26 U	28 U	*20 U*	*20 U*	*20 U*	*20 U*
4-Methyl-2-pentanone	2,700,000 {C,I}	100,000 {I}	25 U	32 U	22 U	35 U	26 U	28 U	*20 U*	*20 U*	*20 U*	*20 U*
Acetone	110,000,000 {I}	42,000 {I}	25 U	32 U	22 U	35 U	26 U	28 U	*20 U*	*20 U*	*20 U*	*20 U*
Benzene	400,000 {C,I}	100 {I}	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Bromodichloromethane	750,000	2,000 {W}	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Bromoform	870,000 {C}	2,000 {W}	6.2 U	8.0 U	R	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Bromomethane	1,600,000	580	12 U	16 U	11 U	18 U	13 U	14 U	*10 U*	*10 U*	*10 U*	*10 U*
Carbon disulfide	280,000 {C,I,R,AD}	46,000 {I,R}	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Carbon tetrachloride	390,000 {C}	100	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Chlorobenzene	260,000 {C,I}	2,000 {I}	6.2 U	8.0 U	R	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Chlorodibromomethane	610,000 {C}	2,000 {W}	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Chloroethane	950,000 {C}	34,000	12 U	16 U	11 U	18 U	13 U	14 U	*10 U*	*10 U*	*10 U*	*10 U*
Chloroform	1,500,000 {C}	2,000 {W}	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Chloromethane	1,100,000 {C,I}	22,000 {I}	12 U	16 U	11 U	18 U	13 U	14 U	*10 U*	*10 U*	*10 U*	*10 U*
cis-1,3-Dichloropropene		1,300	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
cis-1,3-Dichloropropene	620,000 {C}		6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Ethylbenzene	140,000 {C,I}	1,500 {I}	6.2 U	8.0 U	R	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Methylene chloride	2,300,000 {C}	100	**2.7 J**	**11**	**81 J**	**3.6 J**	6.6 U	6.9 U	***19***	***26***	***31***	***27***
Styrene	520,000 {C}	2,700	6.2 U	8.0 U	R	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Tetrachloroethene	88,000 {C}	100	6.2 U	8.0 U	R	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Toluene	250,000 {C,I}	16,000 {I}	6.2 U	8.0 U	R	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
trans-1,3-Dichloropropen	620,000 {C}	1,300	6.2 U	8.0 U	R	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Trichloroethene	500,000 {C}	100	6.2 U	8.0 U	5.4 U	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Vinyl chloride	29,000	40	12 U	16 U	11 U	18 U	13 U	14 U	*10 U*	*10 U*	*10 U*	*10 U*
Xylenes, Total	150,000 {C,I}	5,600 {I}	6.2 U	8.0 U	R	8.8 U	6.6 U	6.9 U	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*

See generic notes pages.

TABLE 4-103

TCL VOC ANALYTICAL RESULTS FOR SOIL
AT SAMPLING LOCATIONS SOUTH AND WEST OF THE GREEN POINT LANDFILL

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	TP3 (0 - 4') 5/22/98 FS	TP3 (4 - 8') 5/22/98 FS	TP4 (0 - 4') 5/22/98 FS	TP4 (4 - 8') 5/22/98 FS	TP5 (0 - 4') 5/22/98 FS	TP5 (4 - 8') 5/22/98 FS	TP6 (0 - 4') 5/22/98 FS	TP6 (4 - 8') 5/22/98 FS	TP7 (0 - 4') 5/22/98 FS
1,1,1-Trichloroethane	460,000 {C}	4,000	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,1,2,2-Tetrachloroethane	370,000	700	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,1,2-Trichloroethane	920,000 {C}	100	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,1-Dichloroethane	890,000 {C}	50,000	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,1-Dichloroethene	570,000 {C,I}	140 {I}	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,2-Dichlorobenzene	210,000 {C}	14,000	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
1,2-Dichloroethane	640,000 {I}	100 {I}	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,2-Dichloroethene, Total	640,000 {C}	1,400	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,2-Dichloropropane	550,000 {C,I}	100 {I}	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
1,3-Dichlorobenzene	170,000 {C}	480	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
1,4-Dichlorobenzene	2,900,000	1,700	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
2-Butanone	27,000,000 {C,I,AD}	760,000 {I}	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*
2-Hexanone	2,500,000 {C}	58,000	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*
4-Methyl-2-pentanone	2,700,000 {C,I}	100,000 {I}	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*
Acetone	110,000,000 {I}	42,000 {I}	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*	*20 U*
Benzene	400,000 {C,I}	100 {I}	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Bromodichloromethane	750,000	2,000 {W}	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Bromoform	870,000 {C}	2,000 {W}	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Bromomethane	1,600,000	580	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*
Carbon disulfide	280,000 {C,I,R,AD}	46,000 {I,R}	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Carbon tetrachloride	390,000 {C}	100	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Chlorobenzene	260,000 {C,I}	2,000 {I}	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Chlorodibromomethane	610,000 {C}	2,000 {W}	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Chloroethane	950,000 {C}	34,000	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*
Chloroform	1,500,000 {C}	2,000 {W}	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Chloromethane	1,100,000 {C,I}	22,000 {I}	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*
cis-1,3-Dichloropropene		1,300	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
cis-1,3-Dichloropropene	620,000 {C}		*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Ethylbenzene	140,000 {C,I}	1,500 {I}	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Methylene chloride	2,300,000 {C}	100	***7.7***	***28***	***24***	***49***	***54***	***22***	***69***	***20***	***15***
Styrene	520,000 {C}	2,700	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Tetrachloroethene	88,000 {C}	100	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Toluene	250,000 {C,I}	16,000 {I}	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
trans-1,3-Dichloropropen	620,000 {C}	1,300	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Trichloroethene	500,000 {C}	100	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*
Vinyl chloride	29,000	40	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*	*10 U*
Xylenes, Total	150,000 {C,I}	5,600 {I}	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*	*5.0 U*

See generic notes pages.

TABLE 4-104

TCL SVOC ANALYTICAL RESULTS FOR SOIL
AT SAMPLING LOCATIONS SOUTH AND WEST OF THE GREEN POINT LANDFILL

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-389 (0 - 0.5') 8/11/00 FS	SB-390 (0 - 0.5') 8/11/00 FS	SB-391 (0 - 0.5') 8/11/00 FS	SB-392 (0 - 0.5') 8/11/00 FS	SB-393 (0 - 0.5') 8/11/00 FS	SB-394 (0 - 0.5') 8/11/00 FS	SB-395 (0 - 0.5') 8/11/00 FS	SB-396 (0 - 0.5') 8/11/00 FS	SB-397 (0 - 0.5') 8/11/00 FS	SB-398 (0 - 0.5') 8/11/00 FS	SB-399 (0 - 0.5') 8/11/00 FS	SB-400 (0 - 0.5') 8/11/00 FS	SB-406 (0 - 0.5') 8/11/00 FS	SB-412 (0 - 0.5') 8/11/00 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	4,200	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
1,2-Dichlorobenzene	210,000 {C}	14,000	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
1,3-Dichlorobenzene	170,000 {C}	480	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
1,4-Dichlorobenzene	2,900,000	1,700	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
2,2'-oxybis(dichloropropane)			390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
2,4,5-Trichlorophenol	110,000,000	110,000	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
2,4,6-Trichlorophenol	5,000,000	9,400	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
2,4-Dichlorophenol	1,800,000 {C,AD}	4,200	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
2,4-Dimethylphenol	56,000,000	20,000	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
2,4-Dinitrophenol			1,900 UJ	2,800 U	2,300 U	2,200 U	2,100 UJ	2,200 U	2,100 U	2,900 UJ	2,300 UJ	1,900 U	2,000 U	2,600 UJ	1,700 UJ	2,800 U
2,4-Dinitrotoluene	340,000	640	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
2,6-Dinitrotoluene			390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
2-Chloronaphthalene	280,000,000	1,800,000	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
2-Chlorophenol	6,900,000	2,600	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
2-Methylnaphthalene	40,000,000	170,000	**300 J**	580 U	470 U	450 U	440 U	440 U	440 U	**1,500**	**260 J**	400 U	410 U	530 U	**730**	**240 J**
2-Methylphenol	56,000,000 {J}	20,000 {J}	390 U	580 U	470 U	450 U	440 U	440 U	440 U	**77 J**	460 U	400 U	410 U	530 U	**40 J**	580 U
2-Nitroaniline			1,900 U	2,800 U	2,300 U	2,200 U	2,100 U	2,200 U	2,100 U	2,900 U	2,300 U	1,900 U	2,000 U	2,600 U	1,700 U	2,800 U
2-Nitrophenol	3,100,000	1,200	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
3,3'-Dichlorobenzidine	47,000	2,000 {M}	1,900 U	2,800 U	2,300 U	2,200 U	2,100 U	2,200 U	2,100 U	2,900 U	2,300 U	1,900 U	2,000 U	2,600 U	1,700 U	2,800 U
3-Nitroaniline			1,900 U	2,800 U	2,300 U	2,200 U	2,100 U	2,200 U	2,100 U	2,900 U	2,300 U	1,900 U	2,000 U	2,600 U	1,700 U	2,800 U
4,6-Dinitro-2-methylphenol	390,000	1,700 {M}	1,900 U	2,800 U	2,300 U	2,200 U	2,100 U	2,200 U	2,100 U	2,900 U	2,300 U	1,900 U	2,000 U	2,600 U	1,700 U	2,800 U
4-Bromophenyl phenyl ether			390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
4-Chloro-3-methylphenol	22,000,000	16,000	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
4-Chloroaniline			390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
4-Chlorophenyl phenyl ether			390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
4-Methylphenol	56,000,000 {J}	20,000 {J}	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
4-Nitroaniline			1,900 U	2,800 U	2,300 U	2,200 U	2,100 U	2,200 U	2,100 U	2,900 U	2,300 U	1,900 U	2,000 U	2,600 U	1,700 U	2,800 U
4-Nitrophenol			1,900 U	2,800 U	2,300 U	2,200 U	2,100 U	2,200 U	2,100 U	2,900 U	2,300 U	1,900 U	2,000 U	2,600 U	1,700 U	2,800 U
Acenaphthene	200,000,000	880,000	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
Acenaphthylene	8,000,000	17,000	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
Anthracene	1,000,000,000 {D}	41,000	390 U	580 U	470 U	450 U	**110 J**	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
Benzo(a)anthracene	100,000 {Q}	NLL {Q}	**61 J**	580 U	470 U	450 U	**550**	440 U	440 U	**79 J**	460 U	**96 J**	410 U	530 U	**40 J**	580 U
Benzo(a)pyrene	10,000 {Q}	NLL {Q}	**43 J**	580 U	470 U	450 U	**690**	440 U	440 U	600 U	460 U	**130 J**	**49 J**	530 U	360 U	580 U
Benzo(b)fluoranthene	100,000 {Q}	NLL {Q}	**82 J**	580 U	470 U	450 U	**1,100**	**53 J**	440 U	**99 J**	460 U	**170 J**	**66 J**	530 U	**47 J**	580 U
Benzo(g,h,i)perylene	9,100,000	NLL	390 U	580 U	470 U	450 U	**400 J**	440 U	440 U	600 U	460 U	**79 J**	410 U	530 U	360 U	580 U
Benzo(k)fluoranthene	1,000,000 {Q}	NLL {Q}	390 U	580 U	470 U	450 U	**370 J**	440 U	440 U	600 U	460 U	**64 J**	410 U	530 U	360 U	580 U
bis(2-Chloroethoxy)methane			390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
bis(2-Chloroethyl)ether	89,000 {I}	330 {I,M}	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	NLL	390 U	580 U	470 U	450 U	440 U	440 U	440 U	**160 J**	460 U	400 U	410 U	530 U	360 U	580 U

See generic notes page.

TABLE 4-104

TCL SVOC ANALYTICAL RESULTS FOR SOIL
AT SAMPLING LOCATIONS SOUTH AND WEST OF THE GREEN POINT LANDFILL

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-389 (0 - 0.5') 8/11/00 FS	SB-390 (0 - 0.5') 8/11/00 FS	SB-391 (0 - 0.5') 8/11/00 FS	SB-392 (0 - 0.5') 8/11/00 FS	SB-393 (0 - 0.5') 8/11/00 FS	SB-394 (0 - 0.5') 8/11/00 FS	SB-395 (0 - 0.5') 8/11/00 FS	SB-396 (0 - 0.5') 8/11/00 FS	SB-397 (0 - 0.5') 8/11/00 FS	SB-398 (0 - 0.5') 8/11/00 FS	SB-399 (0 - 0.5') 8/11/00 FS	SB-400 (0 - 0.5') 8/11/00 FS	SB-406 (0 - 0.5') 8/11/00 FS	SB-412 (0 - 0.5') 8/11/00 FS
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
Carbazole	3,700,000	39,000	390 U	580 U	470 U	450 U	**79 J**	440 U	440 U	**220 J**	460 U	400 U	410 U	530 U	360 U	580 U
Chrysene	10,000,000 {Q}	NLL {Q}	**130 J**	580 U	470 U	450 U	**760**	440 U	440 U	**120 J**	460 U	**110 J**	410 U	530 U	**63 J**	580 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
Di-n-octyl phthalate	28,000,000	140,000,000 {C}	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
Dibenz(a,h)anthracene	10,000 {Q}	NLL {Q}	390 U	580 U	470 U	450 U	**110 J**	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
Dibenzofuran	ID	ID	**75 J**	580 U	470 U	450 U	440 U	440 U	440 U	**230 J**	**61 J**	400 U	410 U	530 U	**130 J**	580 U
Diethyl phthalate	740,000 {C}	320,000	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	700 U	530 U	360 U	580 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
Fluoranthene	180,000,000	730,000	**130 J**	580 U	470 U	**64 J**	**1,500**	**59 J**	440 U	**160 J**	460 U	**180 J**	**85 J**	530 U	**85 J**	580 U
Fluorene	130,000,000	890,000	390 U	580 U	470 U	450 U	440 U	440 U	440 U	**74 J**	460 U	400 U	410 U	530 U	360 U	580 U
Hexachlorobenzene	51,000	1,800	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
Hexachlorobutadiene	350,000 {C}	72,000	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
Hexachlorocyclopentadiene	720,000 {C}	320,000	1,900 U	2,800 U	2,300 U	2,200 U	2,100 U	2,200 U	2,100 U	2,900 U	2,300 U	1,900 U	2,000 U	2,600 U	1,700 U	2,800 U
Hexachloroethane	1,100,000	1,200	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	NLL {Q}	390 U	580 U	470 U	450 U	**420 J**	440 U	440 U	600 U	460 U	**81 J**	410 U	530 U	360 U	580 U
Isophorone	2,400,000 {C}	62,000	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
N-Nitroso-di-n-propylamine	8,300	330 {M}	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
N-Nitrosodiphenylamine	12,000,000	22,000	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
Naphthalene	80,000,000	100,000	**270 J**	580 U	470 U	450 U	440 U	440 U	440 U	**880**	**190 J**	400 U	410 U	530 U	**470**	**160 J**
Nitrobenzene	490,000 {C,I}	330 {I,M}	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
Pentachlorophenol	390,000	22	390 U	580 U	470 U	450 U	440 U	440 U	440 U	600 U	460 U	400 U	410 U	530 U	360 U	580 U
Phenanthrene	8,000,000	160,000	**410**	580 U	470 U	450 U	**550**	440 U	440 U	**640**	**190 J**	**93 J**	410 U	530 U	**360**	**120 J**
Phenol	12,000,000 {C,AD}	260,000	390 U	580 U	470 U	450 U	440 U	440 U	440 U	**1,600**	460 U	400 U	410 U	530 U	**140 J**	580 U
Pyrene	110,000,000	480,000	**120 J**	580 U	470 U	450 U	**1,200**	440 U	440 U	**150 J**	460 U	**140 J**	410 U	530 U	**79 J**	580 U

See generic notes pages.

TABLE 4-104

TCL SVOC ANALYTICAL RESULTS FOR SOIL
AT SAMPLING LOCATIONS SOUTH AND WEST OF THE GREEN POINT LANDFILL

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-418 (0 - 0.5') 8/11/00 FS	SB-418 (0 - 0.5') 8/11/00 DUP	TP1 (0 - 4') 5/22/98 FS	TP1 (4 - 8') 5/22/98 FS	TP2 (0 - 4') 5/22/98 FS	TP2 (4 - 8') 5/22/98 FS	TP3 (0 - 4') 5/22/98 FS	TP3 (4 - 8') 5/22/98 FS	TP4 (0 - 4') 5/22/98 FS	TP4 (4 - 8') 5/22/98 FS	TP5 (0 - 4') 5/22/98 FS	TP5 (4 - 8') 5/22/98 FS	TP6 (0 - 4') 5/22/98 FS	TP6 (4 - 8') 5/22/98 FS	TP7 (0 - 4') 5/22/98 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	4,200	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,2-Dichlorobenzene	210,000 {C}	14,000	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,3-Dichlorobenzene	170,000 {C}	480	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
1,4-Dichlorobenzene	2,900,000	1,700	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,2'-oxybis(dichloropropane)			430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,5-Trichlorophenol	110,000,000	110,000	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4,6-Trichlorophenol	5,000,000	9,400	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dichlorophenol	1,800,000 {C,AD}	4,200	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dimethylphenol	56,000,000	20,000	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,4-Dinitrophenol			2,100 U	2,200 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
2,4-Dinitrotoluene	340,000	640	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2,6-Dinitrotoluene			430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chloronaphthalene	280,000,000	1,800,000	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Chlorophenol	6,900,000	2,600	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Methylnaphthalene	40,000,000	170,000	430 U	460 U	**850**	**1,100**	**1,000**	**1,200**	**670**	**1,100**	**800**	**1,500**	**710**	**1,100**	**1,600**	**1,600**	**580**
2-Methylphenol	56,000,000 {J}	20,000 {J}	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
2-Nitroaniline			2,100 U	2,200 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
2-Nitrophenol	3,100,000	1,200	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
3,3'-Dichlorobenzidine	47,000	2,000 {M}	2,100 U	2,200 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
3-Nitroaniline			2,100 U	2,200 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
4,6-Dinitro-2-methylphenol	390,000	1,700 {M}	2,100 U	2,200 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
4-Bromophenyl phenyl ether			430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloro-3-methylphenol	22,000,000	16,000	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chloroaniline			430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Chlorophenyl phenyl ether			430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Methylphenol	56,000,000 {J}	20,000 {J}	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
4-Nitroaniline			2,100 U	2,200 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
4-Nitrophenol			2,100 U	2,200 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U	1,600 U
Acenaphthene	200,000,000	880,000	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Acenaphthylene	8,000,000	17,000	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Anthracene	1,000,000,000 {D}	41,000	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(a)anthracene	100,000 {Q}	NLL {Q}	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(a)pyrene	10,000 {Q}	NLL {Q}	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(b)fluoranthene	100,000 {Q}	NLL {Q}	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(g,h,i)perylene	9,100,000	NLL	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
Benzo(k)fluoranthene	1,000,000 {Q}	NLL {Q}	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Chloroethoxy)methane			430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Chloroethyl)ether	89,000 {I}	330 {I,M}	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	NLL	430 U	460 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U	330 U

See generic notes page.

TABLE 4-104

TCL SVOC ANALYTICAL RESULTS FOR SOIL
AT SAMPLING LOCATIONS SOUTH AND WEST OF THE GREEN POINT LANDFILL

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-418 (0 - 0.5') 8/11/00 FS	SB-418 (0 - 0.5') 8/11/00 DUP	TP1 (0 - 4') 5/22/98 FS	TP1 (4 - 8') 5/22/98 FS	TP2 (0 - 4') 5/22/98 FS	TP2 (4 - 8') 5/22/98 FS	TP3 (0 - 4') 5/22/98 FS	TP3 (4 - 8') 5/22/98 FS	TP4 (0 - 4') 5/22/98 FS	TP4 (4 - 8') 5/22/98 FS	TP5 (0 - 4') 5/22/98 FS	TP5 (4 - 8') 5/22/98 FS	TP6 (0 - 4') 5/22/98 FS	TP6 (4 - 8') 5/22/98 FS	TP7 (0 - 4') 5/22/98 FS
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Carbazole	3,700,000	39,000	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Chrysene	10,000,000 {Q}	NLL {Q}	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Di-n-octyl phthalate	28,000,000	140,000,000 {C}	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Dibenz(a,h)anthracene	10,000 {Q}	NLL {Q}	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Dibenzofuran	ID	ID	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Diethyl phthalate	740,000 {C}	320,000	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Dimethyl phthalate	790,000 {C}	790,000 {C}	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Fluoranthene	180,000,000	730,000	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Fluorene	130,000,000	890,000	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Hexachlorobenzene	51,000	1,800	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Hexachlorobutadiene	350,000 {C}	72,000	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Hexachlorocyclopentadiene	720,000 {C}	320,000	2,100 U	2,200 U	*1,600 U*	*1,600 U*	*1,600 U*	*1,600 U*	*1,600 U*	*1,600 U*	*1,600 U*	*1,600 U*	*1,600 U*	*1,600 U*	*1,600 U*	*1,600 U*	*1,600 U*
Hexachloroethane	1,100,000	1,200	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Indeno(1,2,3-cd)pyrene	100,000 {Q}	NLL {Q}	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Isophorone	2,400,000 {C}	62,000	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
N-Nitroso-di-n-propylamine	8,300	330 {M}	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
N-Nitrosodiphenylamine	12,000,000	22,000	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Naphthalene	80,000,000	100,000	430 U	460 U	***690***	***870***	***700***	***760***	***470***	***880***	***470***	***920***	***500***	***660***	***1,100***	***1,100***	***370***
Nitrobenzene	490,000 {C,I}	330 {I,M}	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Pentachlorophenol	390,000	22	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Phenanthrene	8,000,000	160,000	430 U	460 U	***470***	***630***	***530***	***490***	***350***	***530***	***330***	***570***	***460***	***450***	***690***	***730***	*330 U*
Phenol	12,000,000 {C,AD}	260,000	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*
Pyrene	110,000,000	480,000	430 U	460 U	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*	*330 U*

See generic notes pages.

TABLE 4-105

TCL PCB ANALYTICAL RESULTS FOR SOIL
AT SAMPLING LOCATIONS SOUTH AND WEST OF THE GREEN POINT LANDFILL

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-389 (0 - 0.5') 8/11/00 FS	SB-390 (0 - 0.5') 8/11/00 FS	SB-391 (0 - 0.5') 8/11/00 FS	SB-392 (0 - 0.5') 8/11/00 FS	SB-393 (0 - 0.5') 8/11/00 FS	SB-394 (0 - 0.5') 8/11/00 FS	SB-395 (0 - 0.5') 8/11/00 FS	SB-396 (0 - 0.5') 8/11/00 FS	SB-397 (0 - 0.5') 8/11/00 FS	SB-398 (0 - 0.5') 8/11/00 FS	SB-399 (0 - 0.5') 8/11/00 FS	SB-400 (0 - 0.5') 8/11/00 FS	SB-406 (0 - 0.5') 8/11/00 FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	39 U	58 U	47 U	45 U	44 U	44 U	44 U	60 U	46 U	40 U	41 U	53 U	36 U
Aroclor-1221	20,000 {J,T}	NLL {J,T}	39 U	58 U	47 U	45 U	44 U	44 U	44 U	60 U	46 U	40 U	41 U	53 U	36 U
Aroclor-1232	20,000 {J,T}	NLL {J,T}	39 U	58 U	47 U	45 U	44 U	44 U	44 U	60 U	46 U	40 U	41 U	53 U	36 U
Aroclor-1242	20,000 {J,T}	NLL {J,T}	39 U	58 U	47 U	45 U	44 U	44 U	44 U	60 U	46 U	40 U	41 U	53 U	36 U
Aroclor-1248	20,000 {J,T}	NLL {J,T}	39 U	58 U	47 U	45 U	44 U	44 U	44 U	60 U	46 U	40 U	41 U	53 U	36 U
Aroclor-1254	20,000 {J,T}	NLL {J,T}	**160**	58 U	47 U	45 U	**69**	44 U	44 U	**38 J**	**30 J**	40 U	**46**	53 U	**28 J**
Aroclor-1260	20,000 {J,T}	NLL {J,T}	39 U	58 U	47 U	45 U	44 U	44 U	44 U	60 U	46 U	40 U	41 U	53 U	36 U
Total Aroclors	20,000 {J,T}	NLL {J,T}	**160**	ND	ND	ND	**69**	ND	ND	**38**	**30**	ND	**46**	ND	**28**

See generic notes pages.

TABLE 4-105

TCL PCB ANALYTICAL RESULTS FOR SOIL
AT SAMPLING LOCATIONS SOUTH AND WEST OF THE GREEN POINT LANDFILL

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic IDC	MDEQ Generic IDWP	SB-412 (0 - 0.5') 8/11/00	SB-418 (0 - 0.5') 8/11/00		TP1 (0 - 4') 5/22/98	TP1 (4 - 8') 5/22/98	TP2 (0 - 4') 5/22/98	TP2 (4 - 8') 5/22/98	TP3 (0 - 4') 5/22/98	TP3 (4 - 8') 5/22/98	TP4 (0 - 4') 5/22/98	TP4 (4 - 8') 5/22/98	TP5 (0 - 4') 5/22/98	TP5 (4 - 8') 5/22/98	TP6 (0 - 4') 5/22/98	TP6 (4 - 8') 5/22/98	TP7 (0 - 4') 5/22/98
Constituents (ug/kg)	Value	Value	FS	FS	DUP	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS	FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	58 U	43 U	46 U	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*
Aroclor-1221	20,000 {J,T}	NLL {J,T}	58 U	43 U	46 U	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*
Aroclor-1232	20,000 {J,T}	NLL {J,T}	58 U	43 U	46 U	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*
Aroclor-1242	20,000 {J,T}	NLL {J,T}	58 U	43 U	46 U	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*
Aroclor-1248	20,000 {J,T}	NLL {J,T}	58 U	43 U	46 U	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*	*17 U*
Aroclor-1254	20,000 {J,T}	NLL {J,T}	58 U	43 U	46 U	***130***	***230***	*33 U*	***59***	***140***	***120***	***53***	***54***	***49***	***180***	*33 U*	*33 U*	*33 U*
Aroclor-1260	20,000 {J,T}	NLL {J,T}	58 U	43 U	46 U	*33 U*	*33 U*	***39***	*33 U*	*33 U*	*33 U*	*33 U*	*33 U*	*33 U*	*33 U*	***73***	***53***	***100***
Total Aroclors	20,000 {J,T}	NLL {J,T}	ND	ND	ND	***130***	***230***	***39***	***59***	***140***	***120***	***53***	***54***	***49***	***180***	***73***	***53***	***100***

See generic notes pages.

TABLE 4-106

TAL INORGANIC ANALYTICAL RESULTS FOR SOIL
AT SAMPLING LOCATIONS SOUTH AND WEST OF THE GREEN POINT LANDFILL

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-389 (0 - 0.5') 8/11/00 FS	SB-390 (0 - 0.5') 8/11/00 FS	SB-391 (0 - 0.5') 8/11/00 FS	SB-392 (0 - 0.5') 8/11/00 FS	SB-393 (0 - 0.5') 8/11/00 FS	SB-394 (0 - 0.5') 8/11/00 FS	SB-395 (0 - 0.5') 8/11/00 FS	SB-396 (0 - 0.5') 8/11/00 FS	SB-397 (0 - 0.5') 8/11/00 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	8,760,000	7,680,000	6,200,000	6,930,000	10,700,000	5,940,000	7,810,000	11,500,000	8,550,000
Antimony	1,200,000	4,300	7,000 UJ	10,500 UJ	8,500 UJ	8,100 UJ	830 JB	8,100 UJ	8,100 UJ	11,000 UJ	8,400 UJ
Arsenic	61,000 {B}	23,000 {B}	6,000	4,200	3,500	3,400	3,600	2,600	7,500	6,000	5,100
Barium	250,000,000	1,300,000	57,500	55,100	51,100	50,500	95,600	41,700	62,000	61,900	45,000
Beryllium	3,100,000	51,000	580 U	870 U	710 U	680 U	670 U	670 U	670 U	920 U	700 U
Cadmium	4,100,000 {B}	6,000 {B}	580 U	870 U	140 B	680 U	670 U	670 U	670 U	920 U	700 U
Calcium			13,000,000	7,070,000	5,030,000	47,400,000	72,800,000	2,880,000	17,200,000	16,100,000	12,300,000
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	44,500	12,900	11,600	13,100	184,000	10,000	14,100	28,200	17,600
Cobalt	18,000,000	2,000	3,200 B	3,400 B	3,300 B	4,200 B	3,100 B	3,000 B	4,900 B	4,400 B	3,700 B
Copper	140,000,000	5,800,000	30,000	12,700	13,400	10,700	501,000	6,200	11,700	28,300	12,600
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	330 B	870 U	710 U	680 U	2,700	670 U	670 U	920 U	700 U
Iron	1,000,000,000 {B,D}	6,000 {B}	27,000,000	9,340,000	8,210,000	10,600,000	29,100,000	8,390,000	13,200,000	28,000,000	17,900,000
Lead	900,000 (draft)	700,000	20,900	11,900	10,400	9,300	64,500	7,600	12,200	27,800	13,000
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	1,670,000	3,170,000	2,690,000	12,500,000	3,170,000	1,640,000	7,820,000	5,940,000	5,310,000
Manganese	170,000,000 {B}	1,000 {B}	1,930,000 J	151,000 J	125,000 J	208,000 J	7,840,000 J	61,100 J	392,000 J	404,000 J	281,000 J
Mercury	1,100,000	1,700	17 B	37 B	34 B	33 B	17 B	15 B	37 B	180 U	140 U
Nickel	270,000,000 {B}	100,000 {B}	14,500	10,300	10,000	11,900	9,400	7,700	11,700	20,100	13,700
Potassium			1,230,000	1,100,000	1,010,000	1,290,000	1,160,000	708,000	1,360,000	1,210,000	938,000
Selenium	18,000,000 {B}	4,000 {B}	2,100	1,100	610 B	630 B	1,100 B G	670 U	740	1,900	910
Silver	17,000,000 {B}	13,000 {B}	1,200 U	1,700 U	1,400 U	1,400 U	550 B G	1,300 U	1,300 U	1,800 U	1,400 U
Sodium	1,000,000,000 {D}	7,000,000	149,000 B	134,000 B	709,000 U	332,000 B	548,000 B	179,000 B	672,000 U	426,000 B	316,000 B
Thallium	240,000 {B}	2,300 {B}	3,600	910 B	1,400 U	1,100 B	2,300 B G	1,300 U	1,300 U	1,900	1,600
Vanadium	10,000,000	990,000	14,300	16,900	14,200	17,500	26,100	13,900	18,000	13,000	13,100
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	41,900 J	35,400 J	33,700 J	27,900 J	103,000 J	20,300 J	38,800 J	432,000 J	84,100 J

See generic notes pages.

TABLE 4-106

TAL INORGANIC ANALYTICAL RESULTS FOR SOIL
AT SAMPLING LOCATIONS SOUTH AND WEST OF THE GREEN POINT LANDFILL

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-398 (0 - 0.5') 8/11/00 FS	SB-399 (0 - 0.5') 8/11/00 FS	SB-400 (0 - 0.5') 8/11/00 FS	SB-406 (0 - 0.5') 8/11/00 FS	SB-412 (0 - 0.5') 8/11/00 FS	SB-418 (0 - 0.5') 8/11/00 FS	SB-418 (0 - 0.5') 8/11/00 DUP	TP1 (0 - 4') 5/22/98 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	5,580,000	6,070,000	6,350,000	7,940,000	13,400,000	10,400,000	8,960,000	*4,910,000*
Antimony	1,200,000	4,300	7,300 UJ	7,500 UJ	9,600 UJ	**600 JB**	10,600 UJ	7,900 UJ	8,300 UJ	*6,000 U*
Arsenic	61,000 {B}	23,000 {B}	**5,000**	**3,700**	**4,600**	**3,900**	**6,800**	**6,800**	**7,500**	*500 U*
Barium	250,000,000	1,300,000	**37,600**	**55,400**	**53,400**	**56,400**	**89,900**	**69,400**	**67,200**	*10,000 U*
Beryllium	3,100,000	51,000	610 U	620 U	800 U	540 U	880 U	660 U	690 U	*500 U*
Cadmium	4,100,000 {B}	6,000 {B}	610 U	620 U	800 U	540 U	**280 B**	**220 B**	**200 B**	*500 U*
Calcium			**2,160,000**	**23,000,000**	**12,500,000**	**35,500,000**	**25,900,000 J**	**24,700,000 J**	**22,900,000 J**	***5,540,000***
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	**10,100**	**83,700**	**12,600**	**32,900**	**24,400**	**17,900**	**15,900**	*500 U*
Cobalt	18,000,000	2,000	**3,800 B**	**3,000 B**	**4,600 B**	**4,000 B**	**7,800 B**	**5,900 B**	**5,600 B**	*5,000 U*
Copper	140,000,000	5,800,000	**365,000**	**15,100**	**12,600**	**25,800**	**21,900**	**14,500**	**13,600**	***16,100 L***
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	610 U	620 U	800 U	**350 B**	880 U	660 U	690 U	*500 U*
Iron	1,000,000,000 {B,D}	6,000 {B}	**10,900,000**	**18,600,000**	**10,800,000**	**22,900,000**	**21,700,000**	**15,400,000**	**14,800,000**	***15,400,000 L***
Lead	900,000 (draft)	700,000	**20,900**	**37,200**	**12,100**	**30,900**	**17,400**	**12,800**	**12,300**	*500 U*
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	**1,600,000**	**2,020,000**	**5,420,000**	**11,400,000**	**13,200,000 J**	**11,800,000 J**	**10,600,000 J**	***1,610,000 L***
Manganese	170,000,000 {B}	1,000 {B}	**217,000 J**	**3,550,000 J**	**220,000 J**	**678,000 J**	**341,000 J**	**373,000 J**	**419,000 J**	***1,190,000 L***
Mercury	1,100,000	1,700	**19 B**	**16 B**	**51 B**	110 U	**66 B**	**48 B**	**41 B**	*2.0 U*
Nickel	270,000,000 {B}	100,000 {B}	**16,400**	**9,900**	**11,500**	**15,500**	**21,300**	**15,000**	**14,900**	***13,600***
Potassium			**427,000 B**	**519,000 B**	**885,000**	**1,210,000**	**2,290,000**	**1,780,000**	**1,350,000**	*500,000 UL*
Selenium	18,000,000 {B}	4,000 {B}	**640**	**1,800**	**740 B**	**1,100**	880 U	660 U	690 U	*500 U*
Silver	17,000,000 {B}	13,000 {B}	**370 B**	1,200 U	1,600 U	1,100 U	1,800 U	1,300 U	1,400 U	*500 U*
Sodium	1,000,000,000 {D}	7,000,000	608,000 U	**111,000 B**	**177,000 B**	**300,000 B**	884,000 U	656,000 U	695,000 U	*500,000 U*
Thallium	240,000 {B}	2,300 {B}	1,200 U	**5,900**	**1,400 B**	**1,700**	**2,000**	**1,000 B**	**1,500**	*1,000 U*
Vanadium	10,000,000	990,000	**13,400**	**15,300**	**15,100**	**12,300**	**28,300**	**22,800**	**20,600**	***6,200***
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	**43,000 J**	**34,600 J**	**37,000 J**	**403,000 J**	**114,000 J**	**55,600 J**	**53,000 J**	***231,000 L***

See generic notes pages.

TABLE 4-106

TAL INORGANIC ANALYTICAL RESULTS FOR SOIL
AT SAMPLING LOCATIONS SOUTH AND WEST OF THE GREEN POINT LANDFILL

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	TP1 (4 - 8') 5/22/98 FS	TP2 (0 - 4') 5/22/98 FS	TP2 (4 - 8') 5/22/98 FS	TP3 (0 - 4') 5/22/98 FS	TP3 (4 - 8') 5/22/98 FS	TP4 (0 - 4') 5/22/98 FS	TP4 (4 - 8') 5/22/98 FS	TP5 (0 - 4') 5/22/98 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	***5,490,000***	***6,320,000***	***4,860,000***	***4,160,000***	***4,380,000***	***4,390,000***	***4,630,000***	***4,090,000***
Antimony	1,200,000	4,300	*6,000 U*	*6,000 U*	*6,000 U*	*6,000 U*	*6,000 U*	*6,000 U*	*6,000 U*	*6,000 U*
Arsenic	61,000 {B}	23,000 {B}	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*
Barium	250,000,000	1,300,000	*10,000 U*	*10,000 U*	*10,000 U*	*10,000 U*	*10,000 U*	*10,000 U*	*10,000 U*	*10,000 U*
Beryllium	3,100,000	51,000	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*
Cadmium	4,100,000 {B}	6,000 {B}	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*
Calcium			***4,810,000***	***7,230,000***	***2,650,000***	***3,150,000***	***3,410,000***	***2,170,000***	***2,980,000***	***2,260,000***
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*
Cobalt	18,000,000	2,000	*5,000 U*	*5,000 U*	*5,000 U*	*5,000 U*	*5,000 U*	*5,000 U*	*5,000 U*	*5,000 U*
Copper	140,000,000	5,800,000	***9,000***	***10,100***	***9,000***	***7,600***	***7,600***	***10,200***	***8,100***	***14,200***
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*
Iron	1,000,000,000 {B,D}	6,000 {B}	***13,200,000***	***15,900,000***	***14,400,000***	***11,100,000***	***11,100,000***	***12,900,000***	***13,500,000***	***13,600,000***
Lead	900,000 (draft)	700,000	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	***1,470,000***	***3,160,000***	***1,590,000***	***1,160,000***	***1,180,000***	***1,320,000***	***1,380,000***	***1,260,000***
Manganese	170,000,000 {B}	1,000 {B}	***272,000***	***316,000***	***247,000***	***220,000***	***226,000***	***280,000***	***198,000***	***250,000***
Mercury	1,100,000	1,700	*2.0 U*	*2.0 U*	*2.0 U*	*2.0 U*	*2.0 U*	*2.0 U*	*2.0 U*	*2.0 U*
Nickel	270,000,000 {B}	100,000 {B}	***10,200***	***10,600***	***8,900***	***7,200***	***6,900***	***8,700***	***8,500***	***8,700***
Potassium			*500,000 U*	***535,000***	*500,000 U*	*500,000 U*	*500,000 U*	*500,000 U*	*500,000 U*	*500,000 U*
Selenium	18,000,000 {B}	4,000 {B}	*250 U*	*250 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*
Silver	17,000,000 {B}	13,000 {B}	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*	*500 U*
Sodium	1,000,000,000 {D}	7,000,000	*500,000 U*	*500,000 U*	*500,000 U*	*500,000 U*	*500,000 U*	*500,000 U*	*500,000 U*	*500,000 U*
Thallium	240,000 {B}	2,300 {B}	*1,000 U*	*1,000 U*	*1,000 U*	*1,000 U*	*1,000 U*	*1,000 U*	*1,000 U*	*1,000 U*
Vanadium	10,000,000	990,000	***5,900***	***8,300***	***6,800***	***5,500***	***5,400***	***6,600***	***6,800***	***5,400***
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	***118,000***	***145,000***	***104,000***	***112,000***	***130,000***	***263,000***	***138,000***	***409,000***

See generic notes pages.

TABLE 4-106

TAL INORGANIC ANALYTICAL RESULTS FOR SOIL
AT SAMPLING LOCATIONS SOUTH AND WEST OF THE GREEN POINT LANDFILL

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	TP5 (4 - 8') 5/22/98 FS	TP6 (0 - 4') 5/22/98 FS	TP6 (4 - 8') 5/22/98 FS	TP7 (0 - 4') 5/22/98 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	***4,380,000***	***6,600,000***	***5,150,000***	***7,100,000***
Antimony	1,200,000	4,300	*6,000 U*	*6,000 U*	*6,000 U*	*6,000 U*
Arsenic	61,000 {B}	23,000 {B}	*500 U*	*500 U*	*500 U*	*500 U*
Barium	250,000,000	1,300,000	*10,000 U*	*10,000 U*	*10,000 U*	*10,000 U*
Beryllium	3,100,000	51,000	*500 U*	*500 U*	*500 U*	*500 U*
Cadmium	4,100,000 {B}	6,000 {B}	*500 U*	*500 U*	*500 U*	*500 U*
Calcium			***3,220,000***	***3,800,000***	***2,230,000***	***4,460,000***
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	*500 U*	*500 U*	*500 U*	*500 U*
Cobalt	18,000,000	2,000	*5,000 U*	*5,000 U*	*5,000 U*	*5,000 U*
Copper	140,000,000	5,800,000	***9,400***	***14,700***	***8,200***	***25,800***
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	*500 U*	*500 U*	*500 U*	*500 U*
Iron	1,000,000,000 {B,D}	6,000 {B}	***13,800,000***	***18,100,000***	***13,100,000***	***23,400,000***
Lead	900,000 (draft)	700,000	*500 U*	*500 U*	*500 U*	*500 U*
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	***1,390,000***	***1,940,000***	***1,520,000***	***2,160,000***
Manganese	170,000,000 {B}	1,000 {B}	***207,000***	***410,000***	***248,000***	***424,000***
Mercury	1,100,000	1,700	*2.0 U*	*2.0 U*	*2.0 U*	*2.0 U*
Nickel	270,000,000 {B}	100,000 {B}	***10,000***	***10,600***	***7,400***	***17,300***
Potassium			*500,000 U*	*500,000 U*	*500,000 U*	*500,000 U*
Selenium	18,000,000 {B}	4,000 {B}	*500 U*	*500 U*	*500 U*	*500 U*
Silver	17,000,000 {B}	13,000 {B}	*500 U*	*500 U*	*500 U*	*500 U*
Sodium	1,000,000,000 {D}	7,000,000	*500,000 U*	*500,000 U*	*500,000 U*	*500,000 U*
Thallium	240,000 {B}	2,300 {B}	*1,000 U*	*1,000 U*	*1,000 U*	*1,000 U*
Vanadium	10,000,000	990,000	***6,300***	***7,900***	***7,400***	***8,300***
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	***505,000***	***351,000***	***164,000***	***555,000***

See generic notes pages.

B-3 Oil Sheen Investigation
Analytical Data

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 4-107

TCL VOC ANALYTICAL RESULTS FOR SOILS
AT B-3 AUGMENTATION WELL OIL SHEEN INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-312 (8 - 10') 6/6/95 FS	SB-313 (4 - 6') 6/7/95 FS
1,1,1-Trichloroethane	460,000 {C}	4,000	6.2 U	5.6 U
1,1,2,2-Tetrachloroethane	370,000	700	6.2 U	5.6 U
1,1,2-Trichloroethane	920,000 {C}	100	6.2 U	5.6 U
1,1-Dichloroethane	890,000 {C}	50,000	6.2 U	5.6 U
1,1-Dichloroethene	570,000 {C,I}	140 {I}	6.2 U	5.6 U
1,2-Dichlorobenzene	210,000 {C}	14,000	6.2 U	5.6 U
1,2-Dichloroethane	640,000 {I}	100 {I}	6.2 U	5.6 U
1,2-Dichloroethene, Total	640,000 {C}	1,400	6.2 U	5.6 U
1,2-Dichloropropane	550,000 {C,I}	100 {I}	6.2 U	5.6 U
1,3-Dichlorobenzene	170,000 {C}	480	6.2 U	5.6 U
1,4-Dichlorobenzene	2,900,000	1,700	6.2 U	5.6 U
2-Butanone	27,000,000 {C,I,AD}	760,000 {I}	62 UJ	56 UJ
2-Hexanone	2,500,000 {C}	58,000	62 UJ	56 UJ
4-Methyl-2-pentanone	2,700,000 {C,I}	100,000 {I}	62 U	56 U
Acetone	110,000,000 {I}	42,000 {I}	**50 J**	**5.5 J**
Benzene	400,000 {C,I}	100 {I}	6.2 U	**2.4 J**
Bromodichloromethane	750,000	2,000 {W}	6.2 U	5.6 U
Bromoform	870,000 {C}	2,000 {W}	6.2 U	5.6 U
Bromomethane	1,600,000	580	6.2 U	5.6 U
Carbon disulfide	280,000 {C,I,R,AD}	46,000 {I,R}	6.2 U	5.6 U
Carbon tetrachloride	390,000 {C}	100	6.2 U	5.6 U
Chlorobenzene	260,000 {C,I}	2,000 {I}	6.2 U	5.6 U
Chlorodibromomethane	610,000 {C}	2,000 {W}	6.2 U	5.6 U
Chloroethane	950,000 {C}	34,000	6.2 U	5.6 U
Chloroform	1,500,000 {C}	2,000 {W}	6.2 U	5.6 U
Chloromethane	1,100,000 {C,I}	22,000 {I}	6.2 U	5.6 U
cis-1,3-Dichloropropene		1,300	6.2 U	5.6 U
cis-1,3-Dichloropropene	620,000 {C}		6.2 U	5.6 U
Ethylbenzene	140,000 {C,I}	1,500 {I}	6.2 U	5.6 U
Methylene chloride	2,300,000 {C}	100	**6.5**	**4.1 J**
Styrene	520,000 {C}	2,700	6.2 U	5.6 U
Tetrachloroethene	88,000 {C}	100	6.2 U	5.6 U
Toluene	250,000 {C,I}	16,000 {I}	**5.2 J**	5.6 U
trans-1,2-Dichloroethene	1,400,000 {C}	2,000	6.2 U	5.6 U
trans-1,3-Dichloropropen	620,000 {C}	1,300	6.2 U	5.6 U
Trichloroethene	500,000 {C}	100	6.2 U	5.6 U
Vinyl chloride	29,000	40	6.2 U	5.6 U
Xylenes, Total	150,000 {C,I}	5,600 {I}	6.2 U	**11**

See generic notes pages.

TABLE 4-108

TCL SVOC ANALYTICAL RESULTS FOR SOILS
AT B-3 AUGMENTATION WELL OIL SHEEN INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/Kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-312 (8 - 10') 6/6/95 FS	SB-313 (4 - 6') 6/7/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	4,200	200 U	740 U
1,2-Dichlorobenzene	210,000 {C}	14,000	6.2 U	5.6 U
1,3-Dichlorobenzene	170,000 {C}	480	6.2 U	5.6 U
1,4-Dichlorobenzene	2,900,000	1,700	6.2 U	5.6 U
2,2'-oxybis(dichloropropane)			200 U	740 U
2,4,5-Trichlorophenol	110,000,000	110,000	200 U	740 U
2,4,6-Trichlorophenol	5,000,000	9,400	200 U	740 U
2,4-Dichlorophenol	1,800,000 {C,AD}	4,200	200 U	740 U
2,4-Dimethylphenol	56,000,000	20,000	200 U	740 U
2,4-Dinitrophenol			990 U	3,600 U
2,4-Dinitrotoluene	340,000	640	200 U	740 U
2,6-Dinitrotoluene			200 U	740 U
2-Chloronaphthalene	280,000,000	1,800,000	200 U	740 U
2-Chlorophenol	6,900,000	2,600	200 U	740 U
2-Methylnaphthalene	40,000,000	170,000	**390**	**340 J**
2-Methylphenol	56,000,000 {J}	20,000 {J}	200 U	740 U
2-Nitroaniline			990 U	3,600 U
2-Nitrophenol	3,100,000	1,200	200 U	740 U
3,3'-Dichlorobenzidine	47,000	2,000 {M}	410 U	1,500 U
3-Nitroaniline			990 U	3,600 U
4,6-Dinitro-2-methylphenol	390,000	1,700 {M}	990 U	3,600 U
4-Bromophenyl phenyl ether			200 U	740 U
4-Chloro-3-methylphenol	22,000,000	16,000	200 U	740 U
4-Chloroaniline			200 U	740 U
4-Chlorophenyl phenyl ether			200 U	740 U
4-Methylphenol	56,000,000 {J}	20,000 {J}	200 U	**250 J**
4-Nitroaniline			990 U	3,600 U
4-Nitrophenol			990 U	3,600 U
Acenaphthene	200,000,000	880,000	**38 J**	740 U
Acenaphthylene	8,000,000	17,000	200 U	740 U
Anthracene	1,000,000,000 {D}	41,000	**52 J**	740 U
Benzo(a)anthracene	100,000 {Q}	NLL {Q}	**60 J**	**190 J**
Benzo(a)pyrene	10,000 {Q}	NLL {Q}	**49 J**	740 U
Benzo(b)fluoranthene	100,000 {Q}	NLL {Q}	**80 J**	740 U
Benzo(g,h,i)perylene	9,100,000	NLL	**38 J**	**78 J**
Benzo(k)fluoranthene	1,000,000 {Q}	NLL {Q}	**37 J**	740 U
bis(2-Chloroethoxy)methane			200 U	740 U
bis(2-Chloroethyl)ether	89,000 {I}	330 {I,M}	200 U	740 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	NLL	200 U	**500 J**
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	200 U	740 U
Carbazole	3,700,000	39,000	**66 J**	740 U
Chrysene	10,000,000 {Q}	NLL {Q}	**85 J**	**290 J**
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	**1,000**	740 U
Di-n-octyl phthalate	28,000,000	140,000,000 {C}	200 U	740 U
Dibenz(a,h)anthracene	10,000 {Q}	NLL {Q}	200 U	740 U
Dibenzofuran	ID	ID	**84 J**	740 U
Diethyl phthalate	740,000 {C}	320,000	200 U	740 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	200 U	740 U
Fluoranthene	180,000,000	730,000	**230**	740 U
Fluorene	130,000,000	890,000	**74 J**	740 U
Hexachlorobenzene	51,000	1,800	200 U	740 U
Hexachlorobutadiene	350,000 {C}	72,000	200 U	740 U
Hexachlorocyclopentadiene	720,000 {C}	320,000	200 U	740 U
Hexachloroethane	1,100,000	1,200	200 U	740 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	NLL {Q}	**23 J**	740 U
Isophorone	2,400,000 {C}	62,000	**120 J**	740 U
N-Nitroso-di-n-propylamine	8,300	330 {M}	200 U	740 U
N-Nitrosodiphenylamine	12,000,000	22,000	200 U	740 U
Naphthalene	80,000,000	100,000	**310**	740 U
Nitrobenzene	490,000 {C,I}	330 {I,M}	200 U	740 U
Pentachlorophenol	390,000	22	990 U	3,600 U
Phenanthrene	8,000,000	160,000	**350**	740 U
Phenol	12,000,000 {C,AD}	260,000	**51 J**	740 U
Pyrene	110,000,000	480,000	**170 J**	**410 J**

See generic notes pages.

TABLE 4-109

TCL PCB ANALYTICAL RESULTS FOR SOILS
AT B-3 AUGMENTATION WELL OIL SHEEN INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/Kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-312 (8 - 10') 6/6/95 FS	SB-313 (4 - 6') 6/7/95 FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	200 U	1,900 U
Aroclor-1221	20,000 {J,T}	NLL {J,T}	200 U	1,900 U
Aroclor-1232	20,000 {J,T}	NLL {J,T}	200 U	1,900 U
Aroclor-1242	20,000 {J,T}	NLL {J,T}	200 U	1,900 U
Aroclor-1248	20,000 {J,T}	NLL {J,T}	200 U	**3,700**
Aroclor-1254	20,000 {J,T}	NLL {J,T}	200 U	1,900 U
Aroclor-1260	20,000 {J,T}	NLL {J,T}	200 U	1,900 U
Total Aroclors	20,000 {J,T}	NLL {J,T}	ND	**3,700**

See generic notes pages.

Center Street Investigation Analytical Data

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 4-110

SUMMARY OF MONITORING WELLS, TEMPORARY WELLS AND SOIL BORINGS
INSTALLED IN THE CENTER STREET AREA

SMI PLANT PROPERTY,
GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

SUMMARY OF MONITORING WELL INSTALLATION PARAMETERS				
Well No.	Total Depth (bgs)	Screened Interval	Oil Sheen Observed	Depth of Fill (ft)
MW-102WT	19.4	9.0 - 19.0	NO	10
MW-102S1	42.0	27.0 - 31.0	NO	10
MW-103WT	22.0	8.0 - 18.0	YES	16
MW-103S1	37.9	32.5 - 37.5	NO	16
MW-103S2	64.0	47.5 - 52.5	NO	16
MW-104WT	18.0	7.0 - 17.0	YES	17
MW-104S1	38.4	33.0 - 38.0	NO	17
MW-104S2	60.0	45.0 - 50.0	NO	17
MW-105WT	28.0	5.0 - 15.0	NO	14
MW-105S1	42.0	36.5 - 41.5	NO	14
MW-105S2	58.0	43.0 - 48.0	NO	14
TW-202WT	14.0	10.0 - 14.0	NO	ND
TW-203WT	14.0	10.0 - 14.0	NO	ND
TW-203S1	45.0	42.0 - 45.0	NO	ND
TW-203S2	53.0	48.0 - 51.0	NO	ND
TW-205WT	14.4	10.0 - 14.0	NO	7
TW-205S1	42.0	38.0 - 42.0	NO	7
TW-205S2	50.0	46.0 - 50.0	NO	7
MW-145WT	18.0	7.0 - 17.0	YES	18
MW-146WT	18.0	7.0 - 17.0	YES	18
MW-136WT	23.2	13.0 - 23.0	NO	26
MW-136S1	42.2	37.0 - 42.0	NO	26
MW-136S2	58.0	44.0 - 49.0	NO	26
MW-140WT	21.2	11.0 - 21.0	NO	14
MW-140S1	33.7	28.5 - 33.5	NO	14
MW-140S2	60.0	45.5 - 50.5	NO	14
SUMMARY OF SOIL BORING INSTALLATIONS				
Boring No.	Total Depth (bgs)		Oil Sheen Observed	Depth of Fill (ft)
SB-315	16.0		YES	16
SB-316	20.0		NO	16
SB-317	18.0		NO	18
SB-318	18.0		NO	16
SB-319	16.0		YES	16
SB-320	16.0		YES	14
SB-321	16		YES	16
SB-322	14		NO	10
SB-323	14		NO	8
SB-324	14		NO	8
SUMMARY OF HISTORICAL BORING INSTALLATIONS				
Boring No.	Total Depth (bgs)		Oil Sheen Observed	Depth of Fill (ft)
B-1-69	40.0		YES	13.0
B-2-69	46.0		NO	17.0
B-3-69	50.0		NO	17.0
B-5-69	50.0		NO	11.0
B-6-69	50.0		NO	9.0

General Notes:

MW = Permanent monitoring well.
TW = Temporary well.
SB, B = Soil boring.
ND - Not determined.
bgs = below ground surface.
ft = feet.

TABLE 4-111

TCL VOC ANALYTICAL RESULTS FOR SOIL
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic RDC Value	MDEQ Generic RDWP Value	SB-319 (14 - 16') 6/13/95 FS
1,1,1-Trichloroethane	460,000 {C}	4,000	6.5 U
1,1,2,2-Tetrachloroethane	53,000	170	6.5 U
1,1,2-Trichloroethane	180,000	100	6.5 U
1,1-Dichloroethane	890,000 {C}	18,000	6.5 U
1,1-Dichloroethene	200,000 {I}	140 {I}	6.5 U
1,2-Dichlorobenzene	210,000 {C}	14,000	6.5 U
1,2-Dichloroethane	91,000 {I}	100 {I}	6.5 U
1,2-Dichloroethene, Total	640,000 {C}	1,400	6.5 U
1,2-Dichloropropane	140,000 {I}	100 {I}	6.5 U
1,3-Dichlorobenzene	170,000 {C}	170	6.5 U
1,4-Dichlorobenzene	400,000	1,700	6.5 U
2-Butanone	27,000,000 {C,I,AD}	260,000 {I}	**24 J**
2-Hexanone	2,500,000 {C}	20,000	65 U
4-Methyl-2-pentanone	2,700,000 {C,I}	36,000 {I}	65 U
Acetone	23,000,000 {I}	15,000 {I}	**85 JB**
Benzene	180,000 {I}	100 {I}	6.5 U
Bromodichloromethane	110,000	2,000 {W}	6.5 U
Bromoform	820,000	2,000 {W}	6.5 U
Bromomethane	320,000	200	6.5 U
Carbon disulfide	280,000 {C,I,R,AD}	16,000 {I,R}	6.5 U
Carbon tetrachloride	96,000	100	6.5 U
Chlorobenzene	260,000 {C,I}	2,000 {I}	6.5 U
Chlorodibromomethane	110,000	2,000 {W}	6.5 U
Chloroethane	950,000 {C}	8,600	6.5 UJ
Chloroform	1,200,000	2,000 {W}	6.5 U
Chloromethane	1,100,000 {C,I}	5,200 {I}	6.5 U
cis-1,3-Dichloropropene	130,000	420	6.5 U
Ethylbenzene	140,000 {C,I}	1,500 {I}	6.5 U
Methylene chloride	1,300,000	100	6.5 U
Styrene	400,000	2,700	6.5 U
Tetrachloroethene	88,000 {C}	100	6.5 U
Toluene	250,000 {C,I}	16,000 {I}	6.5 U
trans-1,2-Dichloroethene	1,400,000 {C}	2,000	6.5 U
trans-1,3-Dichloropropen	130,000	420	6.5 U
Trichloroethene	500,000 {C}	100	6.5 U
Vinyl chloride	4,000	40	6.5 U
Xylenes, Total	150,000 {C,I}	5,600 {I}	**8.9 J**

See generic notes pages.

TABLE 4-112

TCL SVOC ANALYTICAL RESULTS FOR SOIL
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic RDC Value	MDEQ Generic RDWP Value	SB-319 (14 - 16') 6/13/95 FS
1,2,4-Trichlorobenzene	990,000 {AD}	4,200	26,000 U
1,2-Dichlorobenzene	210,000 {C}	14,000	6.5 U
1,3-Dichlorobenzene	170,000 {C}	170	6.5 U
1,4-Dichlorobenzene	400,000	1,700	6.5 U
2,2'-oxybis(dichloropropane)			26,000 U
2,4,5-Trichlorophenol	23,000,000	39,000	26,000 U
2,4,6-Trichlorophenol	710,000	2,400	26,000 U
2,4-Dichlorophenol	660,000 {AD}	1,500	26,000 U
2,4-Dimethylphenol	11,000,000	7,400	26,000 U
2,4-Dinitrophenol			130,000 U
2,4-Dinitrotoluene	48,000	430	26,000 U
2,6-Dinitrotoluene			26,000 U
2-Chloronaphthalene	56,000,000	620,000	26,000 U
2-Chlorophenol	1,400,000	900	26,000 U
2-Methylnaphthalene	8,100,000	57,000	26,000 U
2-Methylphenol		7,400 {J}	26,000 U
2-Methylphenol	11,000,000 {J}		26,000 U
2-Nitroaniline			130,000 U
2-Nitrophenol	630,000	400	26,000 U
3,3'-Dichlorobenzidine	6,600	2,000 {M}	52,000 U
3-Nitroaniline			130,000 U
4,6-Dinitro-2-methylphenol	79,000	1,700 {M}	130,000 U
4-Bromophenyl phenyl ether			26,000 U
4-Chloro-3-methylphenol	4,500,000	5,800	26,000 U
4-Chloroaniline			26,000 U
4-Chlorophenyl phenyl ether			26,000 U
4-Methylphenol	11,000,000 {J}	7,400 {J}	26,000 U
4-Nitroaniline			130,000 U
4-Nitrophenol			130,000 U
Acenaphthene	41,000,000	300,000	26,000 U
Acenaphthylene	1,600,000	5,900	26,000 U
Anthracene	230,000,000	41,000	26,000 U
Benzo(a)anthracene	20,000 {Q}	NLL {Q}	26,000 U
Benzo(a)pyrene	2,000 {Q}	NLL {Q}	26,000 U
Benzo(b)fluoranthene	20,000 {Q}	NLL {Q}	26,000 U
Benzo(g,h,i)perylene	2,500,000	NLL	26,000 U
Benzo(k)fluoranthene	200,000 {Q}	NLL {Q}	26,000 U
bis(2-Chloroethoxy)methane			26,000 U
bis(2-Chloroethyl)ether	13,000 {I}	330 {I,M}	26,000 U
bis(2-Ethylhexyl)phthalate	2,800,000	NLL	26,000 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	26,000 U
Carbazole	530,000	9,400	26,000 U
Chrysene	2,000,000 {Q}	NLL {Q}	26,000 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	26,000 U
Di-n-octyl phthalate	6,900,000	100,000,000	26,000 U
Dibenz(a,h)anthracene	2,000 {Q}	NLL {Q}	26,000 U
Dibenzofuran	ID	ID	26,000 U
Diethyl phthalate	740,000 {C}	110,000	26,000 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	26,000 U
Fluoranthene	46,000,000	730,000	26,000 U
Fluorene	27,000,000	390,000	26,000 U
Hexachlorobenzene	8,900	1,800	26,000 U
Hexachlorobutadiene	100,000	26,000	26,000 U
Hexachlorocyclopentadiene	720,000 {C}	320,000	26,000 U
Hexachloroethane	230,000	430	26,000 U

See generic notes pages.

TABLE 4-112

TCL SVOC ANALYTICAL RESULTS FOR SOIL
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic RDC Value	MDEQ Generic RDWP Value	SB-319 (14 - 16') 6/13/95 FS
Indeno(1,2,3-cd)pyrene	20,000 {Q}	NLL {Q}	26,000 U
Isophorone	2,400,000 {C}	15,000	26,000 U
N-Nitroso-di-n-propylamine	1,200	330 {M}	26,000 U
N-Nitrosodiphenylamine	1,700,000	5,400	26,000 U
Naphthalene	16,000,000	35,000	26,000 U
Nitrobenzene	100,000 {I}	330 {I,M}	26,000 U
Pentachlorophenol	90,000	22	130,000 U
Phenanthrene	1,600,000	56,000	**7,700 J**
Phenol	12,000,000 {C,AD}	88,000	26,000 U
Pyrene	29,000,000	480,000	26,000 U

See generic notes pages.

TABLE 4-113

TCL PCB ANALYTICAL RESULTS FOR SOIL
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents	MDEQ Generic RDC Value	MDEQ Generic RDWP Value	SB-319 (14 - 16') 6/13/95 FS
Aroclor-1016	4,000 {J,T}	NLL {J,T}	220 UJ
Aroclor-1221	4,000 {J,T}	NLL {J,T}	220 UJ
Aroclor-1232	4,000 {J,T}	NLL {J,T}	220 UJ
Aroclor-1242	4,000 {J,T}	NLL {J,T}	220 UJ
Aroclor-1248	4,000 {J,T}	NLL {J,T}	220 UJ
Aroclor-1254	4,000 {J,T}	NLL {J,T}	220 UJ
Aroclor-1260	4,000 {J,T}	NLL {J,T}	220 UJ
Total Aroclors	4,000 {J,T}	NLL {J,T}	ND

See generic notes pages.

TABLE 4-114

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MDEQ Generic IDW Value	MW-102WT (9 - 19') 7/25/95 FS	MW-102S1 (27 - 32') 7/25/95 FS	MW-103WT (8 - 18') 7/12/95 FS	MW-103WT (8 - 18') 6/4/96 FS	MW-103S1 (32.5 - 37.5') 7/12/95 FS	MW-103S1 (32.5 - 37.5') 6/4/96 FS	MW-103S1 (32.5 - 37.5') 5/18/00 FS	MW-103S2 (47.5 - 52.5') 7/12/95 FS	MW-104WT (7 - 17') 7/12/95 FS
1,1,1,2-Tetrachloroethane	320	77	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200 {A}	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	35	8.5	1.0 U	1.0 UJ	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
1,1-Dichloroethane	2,500	880	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
1,2,3-Trichloropropane	120	42	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.20 {A}	0.20 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	1.0 {A,M}	1.0 {A,M}	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	5.0 {A,I}	1.0 U	1.0 U	1.0 UJ	1.0 U	1.0 UJ	NA	NA	1.0 UJ	1.0 UJ
1,2-Dichloroethene, Total	70 {A}	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
1,3-Dichlorobenzene	19	6.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U
1,4-Dioxane	350 {I}	350 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	38,000	13,000 {I}	50 U	50 U	50 UJ	50 U	50 UJ	NA	NA	50 UJ	50 UJ
2-Chloro-1,3-butadiene			NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	2,900	1,000	50 U	R	50 U	50 U	50 U	NA	NA	50 U	50 U
3-Chloro-1-propene			NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	5,200 {I}	1,800 {I}	50 U	50 U	50 U	50 U	50 U	NA	NA	50 U	50 U
Acetone	2,100 {I}	730 {I}	50 U	50 U	50 UJ	100 U	50 UJ	NA	NA	50 UJ	50 UJ
Acetonitrile	400	140	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	330 {I}	120 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	11 {I}	2.6 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5.0 {A,I}	5.0 {A,I}	1.0 U	1.0 U	**3.1**	**2.8 J**	1.0 U	NA	NA	1.0 U	1.0 U
Bromodichloromethane	100 {A,W}	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
Bromoform	100 {A,W}	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
Bromomethane	29	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
Carbon disulfide	2,300 {I,R}	800 {I,R}	50 U	50 U	50 U	50 U	50 U	NA	NA	50 U	50 U
Carbon tetrachloride	5.0 {A}	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
Chloroethane	1,700	430	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
Chloroform	100 {A,W}	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
Chloromethane	1,100 {I}	260 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
cis-1,3-Dichloropropene	63	21	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U

See generic notes pages.

TABLE 4-114

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MDEQ Generic IDW Value	MW-102WT (9 - 19') 7/25/95 FS	MW-102S1 (27 - 32') 7/25/95 FS	MW-103WT (8 - 18') 7/12/95 FS	MW-103WT (8 - 18') 6/4/96 FS	MW-103S1 (32.5 - 37.5') 7/12/95 FS	MW-103S1 (32.5 - 37.5') 6/4/96 FS	MW-103S1 (32.5 - 37.5') 5/18/00 FS	MW-103S2 (47.5 - 52.5') 7/12/95 FS	MW-104WT (7 - 17') 7/12/95 FS
Dibromomethane	230	80	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	4,800	1,700	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	74 {E,I}	74 {E,I}	1.0 U	1.0 U	**0.60 J**	**0.42 J**	1.0 U	NA	NA	1.0 U	1.0 U
Iodomethane			NA	NA	NA	NA	NA	NA	NA	NA	NA
Isobutyl alcohol	6,700 {I}	2,300 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile			NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl methacrylate			NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	5.0 {A}	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	NA	NA	1.0 U	1.0 U
Propionitrile			NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	21 {I}	7.3 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100 {A}	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
Toluene	790 {E,I}	790 {E,I}	1.2 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
trans-1,3-Dichloropropene	63	21	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
trans-1,4-Dichloro-2-butene			NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5.0 {A}	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
Trichlorofluoromethane	7,300	2,600	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl acetate	1,800 {I}	640 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2.0 {A}	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	NA	1.0 U	1.0 U
Xylenes, Total	280 {E,I}	280 {E,I}	2.5 U	3.0 U	**4.7**	**3.1**	3.0 U	NA	NA	3.0 U	3.0 U

See generic notes pages.

TABLE 4-114

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MDEQ Generic IDW Value	MW-104S1 (33 - 38') 7/12/95 FS	MW-104S2 (45 - 50') 7/12/95 FS	MW-105WT (5 - 15') 7/12/95 FS	MW-105S1 (36.5 - 41.5') 7/12/95 FS	MW-105S2 (43 - 48') 7/12/95 FS	MW-136WT (13 - 23') 7/20/95 FS	MW-136WT (13 - 23') 6/6/96 FS	MW-136S1 (37 - 42') 7/20/95 FS	MW-136S2 (44 - 49') 7/20/95 FS	MW-136S2 (44 - 49') 6/5/96 FS	MW-136S2 (44 - 49') 6/5/96 DUP
1,1,1,2-Tetrachloroethane	320	77	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200 {A}	200 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
1,1,2,2-Tetrachloroethane	35	8.5	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
1,1,2-Trichloroethane	5.0 {A}	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
1,1-Dichloroethane	2,500	880	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
1,1-Dichloroethene	7.0 {A,I}	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
1,2,3-Trichloropropane	120	42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.20 {A}	0.20 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	1.0 {A,M}	1.0 {A,M}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	5.0 U
1,2-Dichloroethane	5.0 {A,I}	5.0 {A,I}	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 UJ	1.0 U	NA	1.0 U	1.0 U	NA	NA
1,2-Dichloroethene, Total	70 {A}	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
1,2-Dichloropropane	5.0 {A,I}	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
1,3-Dichlorobenzene	19	6.6	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	75 {A}	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	5.0 U
1,4-Dioxane	350 {I}	350 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	38,000	13,000 {I}	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	NA	50 UJ	50 UJ	NA	NA
2-Chloro-1,3-butadiene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	2,900	1,000	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 UJ	50 UJ	NA	NA
3-Chloro-1-propene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	5,200 {I}	1,800 {I}	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 UJ	50 UJ	NA	NA
Acetone	2,100 {I}	730 {I}	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	50 UJ	NA	50 UJ	50 UJ	NA	NA
Acetonitrile	400	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	330 {I}	120 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	11 {I}	2.6 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5.0 {A,I}	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Bromodichloromethane	100 {A,W}	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Bromoform	100 {A,W}	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Bromomethane	29	10	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Carbon disulfide	2,300 {I,R}	800 {I,R}	50 U	50 U	50 U	50 U	50 U	50 U	NA	50 U	50 U	NA	NA
Carbon tetrachloride	5.0 {A}	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Chlorobenzene	100 {A,I}	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Chlorodibromomethane	100 {A,W}	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Chloroethane	1,700	430	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Chloroform	100 {A,W}	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Chloromethane	1,100 {I}	260 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 UJ	1.0 UJ	NA	NA
cis-1,2-Dichloroethene	70 {A}	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
cis-1,3-Dichloropropene	63	21	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA

See generic notes pages.

TABLE 4-114

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MDEQ Generic IDW Value	MW-104S1 (33 - 38') 7/12/95 FS	MW-104S2 (45 - 50') 7/12/95 FS	MW-105WT (5 - 15') 7/12/95 FS	MW-105S1 (36.5 - 41.5') 7/12/95 FS	MW-105S2 (43 - 48') 7/12/95 FS	MW-136WT (13 - 23') 7/20/95 FS	MW-136WT (13 - 23') 6/6/96 FS	MW-136S1 (37 - 42') 7/20/95 FS	MW-136S2 (44 - 49') 7/20/95 FS	MW-136S2 (44 - 49') 6/5/96 FS	MW-136S2 (44 - 49') 6/5/96 DUP
Dibromomethane	230	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	4,800	1,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	74 {E,I}	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Iodomethane			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isobutyl alcohol	6,700 {I}	2,300 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl methacrylate			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Propionitrile			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	21 {I}	7.3 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100 {A}	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Tetrachloroethene	5.0 {A}	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Toluene	790 {E,I}	790 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
trans-1,2-Dichloroethene	100 {A}	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
trans-1,3-Dichloropropene	63	21	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
trans-1,4-Dichloro-2-butene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5.0 {A}	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Trichlorofluoromethane	7,300	2,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl acetate	1,800 {I}	640 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2.0 {A}	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	NA	1.0 U	1.0 U	NA	NA
Xylenes, Total	280 {E,I}	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	NA	3.0 U	3.0 U	NA	NA

See generic notes pages.

TABLE 4-114

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MDEQ Generic IDW Value	MW-140WT (11 - 21') 7/20/95 FS	MW-140WT (11 - 21') 6/5/96 FS	MW-140WT (11 - 21') 5/17/00 FS	MW-140S1 (28.5 - 33.5') 7/20/95 FS	MW-140S1 (28.5 - 33.5') 6/5/96 FS	MW-140S2 (45.5 - 50.5') 7/20/95 FS	MW-140S2 (45.5 - 50.5') 6/5/96 FS	MW-140S2 (45.5 - 50.5') 5/17/00 FS	MW-141WT (4 - 14') 7/28/95 FS
1,1,1,2-Tetrachloroethane	320	77	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U
1,1,1-Trichloroethane	200 {A}	200 {A}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
1,1,2,2-Tetrachloroethane	35	8.5	1.0 UJ	NA	NA	1.0 UJ	NA	1.0 UJ	NA	NA	1.0 U
1,1,2-Trichloroethane	5.0 {A}	5.0 {A}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
1,1-Dichloroethane	2,500	880	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
1,1-Dichloroethene	7.0 {A,I}	7.0 {A,I}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
1,2,3-Trichloropropane	120	42	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U
1,2-Dibromo-3-chloropropane	0.20 {A}	0.20 {A}	NA	NA	NA	NA	NA	NA	NA	NA	R
1,2-Dibromoethane	1.0 {A,M}	1.0 {A,M}	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U
1,2-Dichlorobenzene	600 {A}	600 {A}	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	NA
1,2-Dichloroethane	5.0 {A,I}	5.0 {A,I}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
1,2-Dichloroethene, Total	70 {A}	70 {A}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
1,2-Dichloropropane	5.0 {A,I}	5.0 {A,I}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
1,3-Dichlorobenzene	19	6.6	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	NA
1,4-Dichlorobenzene	75 {A}	75 {A}	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	NA
1,4-Dioxane	350 {I}	350 {I}	NA	NA	NA	NA	NA	NA	NA	NA	R
2-Butanone	38,000	13,000 {I}	50 U	NA	NA	50 U	NA	50 U	NA	NA	5.0 UJ
2-Chloro-1,3-butadiene			NA	NA	NA	NA	NA	NA	NA	NA	1.0 U
2-Hexanone	2,900	1,000	R	NA	NA	R	NA	R	NA	NA	5.0 U
3-Chloro-1-propene			NA	NA	NA	NA	NA	NA	NA	NA	2.0 U
4-Methyl-2-pentanone	5,200 {I}	1,800 {I}	50 UJ	NA	NA	50 UJ	NA	50 UJ	NA	NA	5.0 U
Acetone	2,100 {I}	730 {I}	**4.1 J**	NA	NA	50 U	NA	50 U	NA	NA	10 UJ
Acetonitrile	400	140	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Acrolein	330 {I}	120 {I}	NA	NA	NA	NA	NA	NA	NA	NA	R
Acrylonitrile	11 {I}	2.6 {I}	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Benzene	5.0 {A,I}	5.0 {A,I}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
Bromodichloromethane	100 {A,W}	100 {A,W}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
Bromoform	100 {A,W}	100 {A,W}	1.0 UJ	NA	NA	1.0 UJ	NA	1.0 UJ	NA	NA	1.0 U
Bromomethane	29	10	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
Carbon disulfide	2,300 {I,R}	800 {I,R}	50 U	NA	NA	50 U	NA	50 U	NA	NA	1.0 U
Carbon tetrachloride	5.0 {A}	5.0 {A}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
Chlorobenzene	100 {A,I}	100 {A,I}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
Chlorodibromomethane	100 {A,W}	100 {A,W}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
Chloroethane	1,700	430	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
Chloroform	100 {A,W}	100 {A,W}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
Chloromethane	1,100 {I}	260 {I}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
cis-1,2-Dichloroethene	70 {A}	70 {A}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
cis-1,3-Dichloropropene	63	21	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U

See generic notes pages.

TABLE 4-114

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MDEQ Generic IDW Value	MW-140WT (11 - 21') 7/20/95 FS	MW-140WT (11 - 21') 6/5/96 FS	MW-140WT (11 - 21') 5/17/00 FS	MW-140S1 (28.5 - 33.5') 7/20/95 FS	MW-140S1 (28.5 - 33.5') 6/5/96 FS	MW-140S2 (45.5 - 50.5') 7/20/95 FS	MW-140S2 (45.5 - 50.5') 6/5/96 FS	MW-140S2 (45.5 - 50.5') 5/17/00 FS	MW-141WT (4 - 14') 7/28/95 FS
Dibromomethane	230	80	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U
Dichlorodifluoromethane	4,800	1,700	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U
Ethylbenzene	74 {E,I}	74 {E,I}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
Iodomethane			NA	NA	NA	NA	NA	NA	NA	NA	1.0 U
Isobutyl alcohol	6,700 {I}	2,300 {I}	NA	NA	NA	NA	NA	NA	NA	NA	R
Methacrylonitrile			NA	NA	NA	NA	NA	NA	NA	NA	1.0 U
Methyl methacrylate			NA	NA	NA	NA	NA	NA	NA	NA	1.0 U
Methylene chloride	5.0 {A}	5.0 {A}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
Propionitrile			NA	NA	NA	NA	NA	NA	NA	NA	R
Pyridine	21 {I}	7.3 {I}	NA	NA	NA	NA	NA	NA	NA	NA	10 U
Styrene	100 {A}	100 {A}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
Tetrachloroethene	5.0 {A}	5.0 {A}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
Toluene	790 {E,I}	790 {E,I}	1.2 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
trans-1,2-Dichloroethene	100 {A}	100 {A}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
trans-1,3-Dichloropropene	63	21	1.0 UJ	NA	NA	1.0 UJ	NA	1.0 UJ	NA	NA	1.0 U
trans-1,4-Dichloro-2-butene			NA	NA	NA	NA	NA	NA	NA	NA	R
Trichloroethene	5.0 {A}	5.0 {A}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
Trichlorofluoromethane	7,300	2,600	NA	NA	NA	NA	NA	NA	NA	NA	1.0 U
Vinyl acetate	1,800 {I}	640 {I}	NA	NA	NA	NA	NA	NA	NA	NA	2.0 U
Vinyl chloride	2.0 {A}	2.0 {A}	1.0 U	NA	NA	1.0 U	NA	1.0 U	NA	NA	1.0 U
Xylenes, Total	280 {E,I}	280 {E,I}	3.0 U	NA	NA	3.0 U	NA	3.0 U	NA	NA	1.0 U

See generic notes pages.

TABLE 4-114

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MDEQ Generic IDW Value	MW-145WT (7 - 17') 7/28/95 FS	MW-145WT (7 - 17') 6/4/96 FS	MW-146WT (7 - 17') 7/28/95 FS	MW-146WT (7 - 17') 6/12/96 FS	TW-203WT (10 - 14') 2/3/95 FS	TW-203S1 (42 - 45') 5/23/95 FS	TW-203S2 (48 - 51') 5/24/95 FS	TW-205WT (10 - 14') 2/6/95 FS	TW-205S1 (38 - 42') 2/7/95 FS	TW-205S2 (46 - 50') 2/7/95 FS
1,1,1,2-Tetrachloroethane	320	77	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,1,1-Trichloroethane	200 {A}	200 {A}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	35	8.5	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	5.0 {A}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	2,500	880	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	7.0 {A,I}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2,3-Trichloropropane	120	42	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromo-3-chloropropane	0.20 {A}	0.20 {A}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dibromoethane	1.0 {A,M}	1.0 {A,M}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichlorobenzene	600 {A}	600 {A}	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	5.0 {A,I}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene, Total	70 {A}	70 {A}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	5.0 {A,I}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	19	6.6	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	75 {A}	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dioxane	350 {I}	350 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	38,000	13,000 {I}	50 U	NA	50 U	NA	50 U	50 UJ	50 UJ	50 U	50 U	50 U
2-Chloro-1,3-butadiene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	2,900	1,000	50 U	NA	R	NA	R	50 U	50 U	R	R	R
3-Chloro-1-propene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	5,200 {I}	1,800 {I}	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U	50 U	50 U
Acetone	2,100 {I}	730 {I}	50 U	NA	50 U	NA	50 UJ	50 U	50 U	50 UJ	50 UJ	50 UJ
Acetonitrile	400	140	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrolein	330 {I}	120 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Acrylonitrile	11 {I}	2.6 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	5.0 {A,I}	5.0 {A,I}	**1.9**	NA	**2.4**	NA	**1.4**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane	100 {A,W}	100 {A,W}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	100 {A,W}	100 {A,W}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U
Bromomethane	29	10	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	2,300 {I,R}	800 {I,R}	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U	50 U	50 U
Carbon tetrachloride	5.0 {A}	5.0 {A}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 UJ	1.0 UJ	1.0 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	100 {A,I}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	100 {A,W}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	1,700	430	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	100 {A,W}	100 {A,W}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	**1.1**	1.0 U	1.0 U	1.0 U
Chloromethane	1,100 {I}	260 {I}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	70 {A}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	63	21	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U

See generic notes pages.

TABLE 4-114

TCL AND APPENDIX IX VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic RDW Value	MDEQ Generic IDW Value	MW-145WT (7 - 17') 7/28/95 FS	MW-145WT (7 - 17') 6/4/96 FS	MW-146WT (7 - 17') 7/28/95 FS	MW-146WT (7 - 17') 6/12/96 FS	TW-203WT (10 - 14') 2/3/95 FS	TW-203S1 (42 - 45') 5/23/95 FS	TW-203S2 (48 - 51') 5/24/95 FS	TW-205WT (10 - 14') 2/6/95 FS	TW-205S1 (38 - 42') 2/7/95 FS	TW-205S2 (46 - 50') 2/7/95 FS
Dibromomethane	230	80	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	4,800	1,700	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	74 {E,I}	74 {E,I}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Iodomethane			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Isobutyl alcohol	6,700 {I}	2,300 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methacrylonitrile			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methyl methacrylate			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Methylene chloride	5.0 {A}	5.0 {A}	1.0 U	NA	1.8	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Propionitrile			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Pyridine	21 {I}	7.3 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	100 {A}	100 {A}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	5.0 {A}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	790 {E,I}	790 {E,I}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,2-Dichloroethene	100 {A}	100 {A}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene	63	21	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,4-Dichloro-2-butene			NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	5.0 {A}	5.0 {A}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichlorofluoromethane	7,300	2,600	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl acetate	1,800 {I}	640 {I}	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl chloride	2.0 {A}	2.0 {A}	1.0 U	NA	1.0 U	NA	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	280 {E,I}	280 {E,I}	3.0 U	NA	1.7 J	NA	3.0 U	3.0 UJ	3.0 UJ	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-115

TCL AND APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MDEQ Generic RDW Value	MW-102WT (9 - 19') 7/25/95 FS	MW-102S1 (27 - 32') 7/25/95 FS	MW-103WT (8 - 18') 7/12/95 FS	MW-103S1 (32.5 - 37.5') 7/12/95 FS	MW-103S1 (32.5 - 37.5') 6/4/96 FS	MW-103S1 (32.5 - 37.5') 5/18/00 FS	MW-103S2 (47.5 - 52.5') 7/12/95 FS	MW-104WT (7 - 17') 7/12/95 FS	MW-104S1 (33 - 38') 7/12/95 FS	MW-104S2 (45 - 50') 7/12/95 FS
1,2,4-Trichlorobenzene	70 {A}	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	19	6.6	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	730	50 U	50 U	50 U	50 U	50 U	5.0 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	470	120	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	73	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	370	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	7.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	1,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	45	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	260	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	370 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline			20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	20	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	1.1	20 U	20 U	20 UJ	20 U	20 U	20 U	20 U	20 UJ	20 U	20 U
3-Nitroaniline			20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline			20 U	20 U	20 U	20 U	20 U	10 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	370 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline			20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	1,300	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	52	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	2.1 {Q}	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	2.0 {M,Q}	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 {M}	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	2.0 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	6.0 {A}	5.0 U	5.0 U	**0.60 J**	**6.0**	5.0 U	5.0 U	5.0 U	**0.80 J**	5.0 U	**0.80 J**
Butyl benzyl phthalate	2,700 {S}	1,200	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U

See generic notes pages.

TABLE 4-115

TCL AND APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MDEQ Generic RDW Value	MW-102WT (9 - 19') 7/25/95 FS	MW-102S1 (27 - 32') 7/25/95 FS	MW-103WT (8 - 18') 7/12/95 FS	MW-103S1 (32.5 - 37.5') 7/12/95 FS	MW-103S1 (32.5 - 37.5') 6/4/96 FS	MW-103S1 (32.5 - 37.5') 5/18/00 FS	MW-103S2 (47.5 - 52.5') 7/12/95 FS	MW-104WT (7 - 17') 7/12/95 FS	MW-104S1 (33 - 38') 7/12/95 FS	MW-104S2 (45 - 50') 7/12/95 FS
Carbazole	350	85	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	880	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	130	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.50 J**	5.0 U	5.0 U
Dimethyl phthalate	210,000	73,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	880	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	1.0 {A}	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 UJ	5.0 UJ	5.0 UJ	5.0 UJ
Hexachlorobutadiene	42	15	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	7.3	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	3,100	770	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	270	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	520	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	3.4 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	1.0 {A}	25 U	25 U	20 U	20 U	25 U	1.0 U	20 U	20 U	20 U	20 U
Phenanthrene	150	52	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	4,400	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.60 J**	5.0 U	**2.4 J**	**1.1 J**
Pyrene	140 {S}	140 {S}	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U

See generic notes pages.

TABLE 4-115

TCL AND APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MDEQ Generic RDW Value	MW-105WT (5 - 15') 7/12/95 FS	MW-105S1 (36.5 - 41.5') 7/12/95 FS	MW-105S2 (43 - 48') 7/12/95 FS	MW-136WT (13 - 23') 7/20/95 FS	MW-136WT (13 - 23') 6/6/96 FS	MW-136S1 (37 - 42') 7/20/95 FS	MW-136S2 (44 - 49') 7/20/95 FS	MW-136S2 (44 - 49') 6/5/96 FS	MW-136S2 (44 - 49') 6/5/96 DUP
1,2,4-Trichlorobenzene	70 {A}	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	5.0 U
1,3-Dichlorobenzene	19	6.6	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	5.0 U
1,4-Dichlorobenzene	75 {A}	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	5.0 U
2,2'-oxybis(dichloropropane)			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	730	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	470	120	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	73	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	370	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	7.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	1,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	45	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	260	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	370 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline			20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	20	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	1.1	20 UJ	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline			20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline			20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	370 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline			20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	1,300	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	52	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	2.1 {Q}	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	2.0 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	6.0 {A}	5.0 U	**1.2 J**	5.0 U	4.0 U	5.0 UJ	0.95 U	1.4 U	**2.9 J**	5.0 U
Butyl benzyl phthalate	2,700 {S}	1,200	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-115

TCL AND APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MDEQ Generic RDW Value	MW-105WT (5 - 15') 7/12/95 FS	MW-105S1 (36.5 - 41.5') 7/12/95 FS	MW-105S2 (43 - 48') 7/12/95 FS	MW-136WT (13 - 23') 7/20/95 FS	MW-136WT (13 - 23') 6/6/96 FS	MW-136S1 (37 - 42') 7/20/95 FS	MW-136S2 (44 - 49') 7/20/95 FS	MW-136S2 (44 - 49') 6/5/96 FS	MW-136S2 (44 - 49') 6/5/96 DUP
Carbazole	350	85	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 {M,Q}	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	880	5.0 U	5.0 U	5.0 U	**1.8 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	73,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	880	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	1.0 {A}	5.0 UJ	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	15	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	7.3	5.0 U	5.0 U	5.0 U	5.0 U	2.0 U	5.0 U	5.0 U	2.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	3,100	770	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	270	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	520	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	3.4 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	1.0 {A}	20 U	20 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	150	52	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	4,400	5.0 U	**0.60 J**	5.0 U	**1.2 J**	5.0 U	5.0 U	**1.0 J**	**1.4 J**	**1.7 J**
Pyrene	140 {S}	140 {S}	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-115

TCL AND APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MDEQ Generic RDW Value	MW-140WT (11 - 21')			MW-140S1 (28.5 - 33.5')		MW-140S2 (45.5 - 50.5')			MW-145WT (7 - 17')	
			7/20/95 FS	6/5/96 FS	5/17/00 FS	7/20/95 FS	6/5/96 FS	7/20/95 FS	6/5/96 FS	5/17/00 FS	7/28/95 FS	6/4/96 FS
1,2,4-Trichlorobenzene	70 {A}	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	600 {A}	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U
1,3-Dichlorobenzene	19	6.6	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U
1,4-Dichlorobenzene	75 {A}	75 {A}	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U
2,2'-oxybis(dichloropropane)			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	730	50 U	50 U	5.0 U	R	50 U	50 U	50 U	5.0 U	50 U	50 U
2,4,6-Trichlorophenol	470	120	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	73	5.0 U	5.0 U	10 U	R	5.0 U	5.0 U	5.0 U	10 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	370	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	7.7	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	1,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	45	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	260	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	370 {J}	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline			20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	20	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	1.1	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline			20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 {M}	20 U	20 U	20 U	R	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	150	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline			20 U	20 U	10 U	20 U	20 U	20 U	20 U	10 U	20 U	20 U
4-Chlorophenyl phenyl ether			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	370 {J}	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline			20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	1,300	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	52	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	2.1 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane			5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	2.0 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	6.0 {A}	**19**	**12**	5.0 U	**1.2 J**	5.0 U	**0.70 J**	5.0 U	5.0 U	**0.81 J**	5.0 U
Butyl benzyl phthalate	2,700 {S}	1,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-115

TCL AND APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MDEQ Generic RDW Value	MW-140WT (11 - 21')			MW-140S1 (28.5 - 33.5')		MW-140S2 (45.5 - 50.5')			MW-145WT (7 - 17')	
			7/20/95 FS	6/5/96 FS	5/17/00 FS	7/20/95 FS	6/5/96 FS	7/20/95 FS	6/5/96 FS	5/17/00 FS	7/28/95 FS	6/4/96 FS
Carbazole	350	85	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	880	**1.0 J**	5.0 U	5.0 U	5.0 U	5.0 U	**0.84 J**	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	73,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	880	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	15	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	7.3	5.0 U	2.0 U	5.0 U	5.0 U	2.0 U	5.0 U	2.0 U	5.0 U	5.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 UJ	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	3,100	770	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	270	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	520	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	3.4 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	1.0 {A}	25 U	25 U	1.0 U	R	25 U	25 U	25 U	1.0 U	25 U	25 U
Phenanthrene	150	52	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	4,400	5.0 U	5.0 U	5.0 U	R	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-115

TCL AND APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MDEQ Generic RDW Value	MW-146WT (7 - 17') 7/28/95 FS	MW-146WT (7 - 17') 6/12/96 FS	TW-203WT (10 - 14') 2/3/96 FS	TW-203S1 (42 - 45') 5/23/95 FS	TW-203S2 (48 - 51') 5/24/95 FS	TW-205WT (10 - 14') 2/6/96 FS	TW-205S1 (38 - 42') 2/7/96 FS	TW-205S2 (46 - 50') 2/7/96 FS
1,2,4-Trichlorobenzene	70 {A}	70 {A}	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	600 {A}	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	19	6.6	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	75 {A}	1.0 U	5.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)			5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	730	50 U	50 U	100 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	470	120	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	73	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	370	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	7.7	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene			5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	1,800	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	45	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	260	**0.91 J**	5.0 U	**1.3 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	370 {J}	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline			20 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	20	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	1.1	20 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline			20 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 {M}	20 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether			5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	150	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline			20 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether			5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	370 {J}	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline			20 U	20 U	40 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	1,300	**0.63 J**	5.0 U	**1.5 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	52	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	43 {S}	5.0 U	5.0 U	**2.0 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	2.1 {Q}	5.0 U	5.0 U	6.3 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 {A,M,Q}	5.0 U	5.0 U	**4.7 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	2.0 {M,Q}	5.0 U	5.0 U	5.9 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 {M}	5.0 U	5.0 U	**2.1 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	**2.9 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane			5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	2.0 {I}	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	6.0 {A}	**4.4 J**	5.0 U	10 U	5.0 U	5.0 U	18	12	**1.9 J**
Butyl benzyl phthalate	2,700 {S}	1,200	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-115

TCL AND APPENDIX IX SVOC ANALYTICAL RESULTS FOR GROUNDWATER AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MDEQ Generic RDW Value	MW-146WT (7 - 17') 7/28/95 FS	MW-146WT (7 - 17') 6/12/96 FS	TW-203WT (10 - 14') 2/3/95 FS	TW-203S1 (42 - 45') 5/23/95 FS	TW-203S2 (48 - 51') 5/24/95 FS	TW-205WT (10 - 14') 2/6/95 FS	TW-205S1 (38 - 42') 2/7/95 FS	TW-205S2 (46 - 50') 2/7/95 FS
Carbazole	350	85	10 U	10 U	**1.6 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Chrysene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	**7.0 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	880	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.91 J**
Di-n-octyl phthalate	380	130	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	ID	5.0 U	5.0 U	**1.7 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5,500	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	73,000	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	210 {S}	5.0 U	5.0 U	**12**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	880	5.0 U	5.0 U	**3.0 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	1.0 {A}	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	15	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	50 {A}	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	7.3	5.0 U	2.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 {M,Q}	5.0 U	5.0 U	**2.2 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	3,100	770	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 {M}	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	270	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	520	**4.3 J**	**3.9 J**	**4.3 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	3.4 {I}	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	1.0 {A}	25 U	25 U	40 U	20 U	20 U	20 U	20 U	20 U
Phenanthrene	150	52	5.0 U	5.0 U	**8.6 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	4,400	5.0 U	5.0 U	10 U	5.0 U	5.0 U	5.0 U	5.0 U	**0.76 J**
Pyrene	140 {S}	140 {S}	5.0 U	5.0 U	**9.4 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-116

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR GROUNDWATER
AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW/RDW Value	MW-136WT (13 - 23') 7/20/95 FS	MW-136S1 (37 - 42') 7/20/95 FS	MW-136S2 (44 - 49') 7/20/95 FS	MW-140WT (11 - 21') 7/20/95 FS	MW-140WT (11 - 21') 6/5/96 FS	MW-140S1 (28.5 - 33.5') 7/20/95 FS	MW-140S2 (45.5 - 50.5') 7/20/95 FS	MW-102WT (9 - 19') 7/25/95 FS	MW-102S1 (27 - 32') 7/25/95 FS	MW-103WT (8 - 18') 7/12/95 FS	MW-103S1 (32.5 - 37.5') 7/12/95 FS	MW-103S2 (47.5 - 52.5') 7/12/95 FS	MW-104WT (7 - 17') 7/12/95 FS
PCBs, Unfiltered														
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	**0.24**	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	**0.24**	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered														
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-116

TCL AND APPENDIX IX PCB ANALYTICAL RESULTS FOR GROUNDWATER AT CENTER STREET AREA SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW/RDW Value	MW-104S1 (33 - 38') 7/12/95 FS	MW-104S2 (45 - 50') 7/12/95 FS	MW-105WT (5 - 15') 7/12/95 FS	MW-105S1 (36.5 - 41.5') 7/12/95 FS	MW-105S2 (43 - 48') 7/12/95 FS	MW-145WT (7 - 17') 7/28/95 FS	MW-146WT (7 - 17') 7/28/95 FS	TW-203WT (10 - 14') 2/3/95 FS	TW-203S1 (42 - 45') 5/23/95 FS	TW-203S2 (48 - 51') 5/24/95 FS	TW-205WT (10 - 14') 2/6/95 FS	TW-205S1 (38 - 42') 2/7/95 FS	TW-205S2 (46 - 50') 2/7/95 FS
PCBs, Unfiltered														
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered														
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

LNAPL Assessment and Remediation Area Analytical Data

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 4-117

PHYSICAL PARAMETER RESULTS FOR LNAPL
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents	MW-147WT 7/30/95 FS	MW-148WT 7/30/95 FS	MW-157WT 1/19/96 FS	MW-158WT 1/19/96 FS	MW-160WT 5/16/96 FS	MW-172WT 8/29/96 FS	MW-178WT 8/29/96 FS	RW-1 5/7/96 FS	30" Sewer Line 4/11/96 FS	42 " Sewer Line 4/9/96 FS
Physical Parameters										
Specific Gravity (unitless)	0.91	0.92	0.87	IS	0.88	IS	IS	0.91	0.87	0.80
Interfacial Tension (mN/meter)	--	--	67.3	--	--	--	--	60.2 [71.1]	64.5	62.2
Viscosity (mPa-s)	1.5	3	82	IS	IS	IS	IS	68	56	56
Other										
Total Petroleum Hydrocarbons (mg/kg)	25,000 *	29,000 *	2,400 *	2,500 *	--	--	--	1,900,000 J	1,800,000 J*	1,800,000 J*

See generic notes pages.

TABLE 4-118

TCL VOC ANALYTICAL RESULTS FOR LNAPL
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MW-147WT (6' - 15') 7/30/95 FS	MW-147WT (6' - 15') 5/21/00 FS	MW-148WT (6' - 15') 7/30/95 FS	MW-157WT (6' - 16') 1/19/96 FS	MW-158WT (6' - 16') 1/19/96 FS	MW-172WT (6.5' - 16') 8/29/96 FS	MW-178WT (5.8' - 15.3') 8/29/96 FS	RW-1 5/7/96 FS	SEWER-30 8/29/96 FS	SEWER-42 8/29/96 FS
1,1,1-Trichloroethane	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
1,1,2,2-Tetrachloroethane	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
1,1,2-Trichloroethane	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
1,1-Dichloroethane	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
1,1-Dichloroethene	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
1,2-Dichlorobenzene	NA	NA	NA	100,000 U	400,000 U	100,000 U	100,000 U	1,000,000 U	1,000,000 U	1,000,000 U
1,2-Dichloroethane	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
1,2-Dichloroethene, Total	6,200 U	12,000 U	620 U	620 UJ	**65,000**	310 U	310 U	310 UJ	310 UJ	310 UJ
1,2-Dichloropropane	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
1,3-Dichlorobenzene	NA	NA	NA	100,000 U	400,000 U	100,000 U	100,000 U	1,000,000 U	1,000,000 U	1,000,000 U
1,4-Dichlorobenzene	NA	NA	NA	100,000 U	400,000 U	100,000 U	100,000 U	1,000,000 U	1,000,000 U	1,000,000 U
2-Butanone	25,000 UJ	50,000 U	**500 J**	**580 J**	6,200 U	2,500 U	2,500 U	2,500 UJ	2,500 UJ	**850 J**
2-Hexanone	25,000 UJ	50,000 U	2,500 U	2,500 UJ	6,200 U	250 U	250 U	250 UJ	250 UJ	250 UJ
4-Methyl-2-pentanone	25,000 U	50,000 U	2,500 U	2,500 UJ	6,200 U	2,500 U	2,500 U	2,500 UJ	2,500 UJ	2,500 UJ
Acetone	**7,900 JB**	**7,100 JB**	2,500 UJ	2,500 UJ	**1,600 BJ**	**1,800**	2,500 U	**460 J**	**430 J**	**1,200 J**
Benzene	6,200 U	12,000 U	620 U	**2,100 J**	**850 J**	620 U	620 U	**570 J**	**2,300 J**	**2,000 J**
Bromodichloromethane	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
Bromoform	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
Bromomethane	12,000 U	24,000 U	1,200 U	1,200 UJ	3,000 U	1,200 U	1,200 U	1,200 UJ	1,200 UJ	1,200 UJ
Carbon disulfide	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
Carbon tetrachloride	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
Chlorobenzene	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
Chlorodibromomethane	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
Chloroethane	12,000 U	24,000 U	1,200 U	1,200 UJ	3,000 U	1,200 U	1,200 U	1,200 UJ	1,200 UJ	1,200 UJ
Chloroform	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
Chloromethane	12,000 U	24,000 U	1,200 U	1,200 UJ	3,000 U	1,200 U	1,200 U	1,200 UJ	1,200 UJ	**510 J**
cis-1,2-Dichloroethene	NA	6,200 U	NA			310 U	310 U	**3,700 J**	310 UJ	310 UJ
cis-1,3-Dichloropropene	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
Ethylbenzene	**4,800 J**	**1,900 J**	**390 J**	**2,100 J**	**740 J**	620 U	620 U	**890 J**	**890 J**	**880 J**
Methylene chloride	6,200 U	12,000 U	620 U	**370 J**	**730 J**	620 U	620 U	620 UJ	620 UJ	620 UJ
Styrene	6,200 U	12,000 U	620 U	**1,700 J**	**850 J**	620 U	620 U	**980 J**	**2,100 J**	**1,700 J**
Tetrachloroethene	6,200 U	12,000 U	620 U	620 UJ	1,600 U	**270**	620 U	620 UJ	620 UJ	620 UJ
Toluene	6,200 U	12,000 U	620 U	**5,200 J**	**3,700**	620 U	620 U	**2,300 J**	620 UJ	620 UJ
trans-1,2-Dichloroethene	NA	6,200 U	NA	NA	NA	310 U	310 U	310 UJ	310 UJ	310 UJ
trans-1,3-Dichloropropene	6,200 U	12,000 U	620 U	620 UJ	1,600 U	620 U	620 U	620 UJ	620 UJ	620 UJ
Trichloroethene	6,200 U	12,000 U	620 U	620 UJ	51000	620 U	620 U	**3,600 J**	620 UJ	620 UJ
Vinyl chloride	12,000 U	24,000 U	1,200 U	1,200 UJ	**1,200 J**	1,200 U	1,200 U	**330 J**	1,200 UJ	1,200 UJ
Xylenes, Total	**140,000**	**34,000**	**2,000**	**9,000 J**	**2,200**	620 U	620 U	**2,500 J**	**2,400 J**	**2,300 J**

See generic notes pages.

TABLE 4-119

TCL PCB ANALYTICAL RESULTS FOR LNAPL
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MW-147WT (5 - 15') 7/30/95 FS	*MW-147WT (5 - 15') 5/21/00 FS*	MW-148WT (5 - 15') 7/30/95 FS	MW-157WT (6 - 16') 1/19/96 FS	MW-158WT (6 - 16') 1/19/96 FS	MW-160WT (3.5 - 13.5') FS	*MW-169WT (5.2 - 14.7') 8/6/98*	
							FS	*DUP*
PCBs, Unfiltered								
Aroclor-1016	2,000,000 U	*100,000 U*	20,000 U	10,000 U	1,000 U	1,000 U	*5,100 U*	*5,100 U*
Aroclor-1221	2,000,000 U	*100,000 U*	20,000 U	10,000 U	1,000 U	1,000 U	*5,100 U*	*5,100 U*
Aroclor-1232	2,000,000 U	*100,000 U*	20,000 U	10,000 U	1,000 U	1,000 U	*5,100 U*	*5,100 U*
Aroclor-1242	2,000,000 U	*100,000 U*	20,000 U	10,000 U	1,000 U	1,000 U	*5,100 U*	*5,100 U*
Aroclor-1248	**3,800,000**	***380,000***	**24,000**	**29,000**	1,000 U	1,000 U	*5,100 U*	*5,100 U*
Aroclor-1254	2,000,000 U	*100,000 U*	20,000 U	10,000 U	1,000 U	1,000 U	*5,100 U*	*5,100 U*
Aroclor-1260	**5,800,000**	***870,000***	**60,000**	**52,000**	1,000 U	1,000 U	***30,000***	***27,000***
Total Aroclors	**9,600,000**	***1,250,000***	**84,000**	**81,000**	ND	ND	***30,000***	***27,000***

See generic notes pages.

TABLE 4-119

TCL PCB ANALYTICAL RESULTS FOR LNAPL
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	*MW-170WT (6.2 - 15.7) 5/23/00 FS*	*MW-172WT (6.5 - 16) 8/29/96 FS*	*MW-172WT (6.5 - 16) 8/29/96 FS*	RW-1 6/7/96 FS	SEWER-30 8/29/96 FS	SEWER-42 8/29/96 FS
PCBs, Unfiltered						
Aroclor-1016	*10,000 U*	*1,000 U*	*1,000 U*	1,000 U	1,000 U	1,000 U
Aroclor-1221	*10,000 U*	*1,000 U*	*1,000 U*	1,000 U	1,000 U	1,000 U
Aroclor-1232	*10,000 U*	*1,000 U*	*1,000 U*	1,000 U	1,000 U	1,000 U
Aroclor-1242	*10,000 U*	*1,000 U*	*1,000 U*	1,000 U	1,000 U	1,000 U
Aroclor-1248	*10,000 U*	*1,000 U*	*1,000 U*	1,000 U	1,000 U	1,000 U
Aroclor-1254	*10,000 U*	*1,000 U*	***3,500***	1,000 U	1,000 U	1,000 U
Aroclor-1260	***18,000***	*1,000 U*	*1,000 U*	**1,300 J**	1,000 U	1,000 U
Total Aroclors	***18,000***	*ND*	***3,500***	**1,300**	ND	ND

See generic notes pages.

TABLE 4-120

TCL PCB ANALYTICAL RESULTS FOR LNAPL
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MW-147WT (5 - 15') 7/30/95 FS	*MW-147WT (5 - 15') 5/21/00 FS*	MW-148WT (5 - 15') 7/30/95 FS	MW-157WT (6 - 16') 1/19/96 FS	MW-158WT (6 - 16') 1/19/96 FS	MW-160WT (3.5 - 13.5') FS	*MW-169WT (5.2 - 14.7') 8/6/98*	
							FS	*DUP*
PCBs, Unfiltered								
Aroclor-1016	2,000,000 U	*100,000 U*	20,000 U	10,000 U	1,000 U	1,000 U	*5,100 U*	*5,100 U*
Aroclor-1221	2,000,000 U	*100,000 U*	20,000 U	10,000 U	1,000 U	1,000 U	*5,100 U*	*5,100 U*
Aroclor-1232	2,000,000 U	*100,000 U*	20,000 U	10,000 U	1,000 U	1,000 U	*5,100 U*	*5,100 U*
Aroclor-1242	2,000,000 U	*100,000 U*	20,000 U	10,000 U	1,000 U	1,000 U	*5,100 U*	*5,100 U*
Aroclor-1248	**3,800,000**	***380,000***	**24,000**	**29,000**	1,000 U	1,000 U	*5,100 U*	*5,100 U*
Aroclor-1254	2,000,000 U	*100,000 U*	20,000 U	10,000 U	1,000 U	1,000 U	*5,100 U*	*5,100 U*
Aroclor-1260	**5,800,000**	***870,000***	**60,000**	**52,000**	1,000 U	1,000 U	***30,000***	***27,000***
Total Aroclors	**9,600,000**	***1,250,000***	**84,000**	**81,000**	ND	ND	***30,000***	***27,000***

See generic notes pages.

TABLE 4-120

TCL PCB ANALYTICAL RESULTS FOR LNAPL
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MW-170WT (6.2 - 15.7') 5/23/00 FS	MW-172WT (6.5 - 16') 8/29/96 FS	MW-172WT (6.5 - 16') 8/29/96 FS	RW-1 5/7/96 FS	SEWER-30 8/29/96 FS	SEWER-42 8/29/96 FS
PCBs, Unfiltered						
Aroclor-1016	*10,000 U*	*1,000 U*	*1,000 U*	1,000 U	1,000 U	1,000 U
Aroclor-1221	*10,000 U*	*1,000 U*	*1,000 U*	1,000 U	1,000 U	1,000 U
Aroclor-1232	*10,000 U*	*1,000 U*	*1,000 U*	1,000 U	1,000 U	1,000 U
Aroclor-1242	*10,000 U*	*1,000 U*	*1,000 U*	1,000 U	1,000 U	1,000 U
Aroclor-1248	*10,000 U*	*1,000 U*	*1,000 U*	1,000 U	1,000 U	1,000 U
Aroclor-1254	*10,000 U*	*1,000 U*	***3,500***	1,000 U	1,000 U	1,000 U
Aroclor-1260	***18,000***	*1,000 U*	*1,000 U*	**1,300 J**	1,000 U	1,000 U
Total Aroclors	***18,000***	*ND*	***3,500***	**1,300**	ND	ND

See generic notes pages.

TABLE 4-121

TCL VOC ANALYTICAL RESULTS FOR SOIL
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-325 (8 - 10') 6/14/95 FS	SB-362 (0 - 2') 9/28/95 FS	SB-362 (4 - 6') 9/28/95 FS	SB-362 (8 - 10') 9/28/95 FS	SB-363 (0 - 2') 9/28/95 FS	SB-363 (4 - 6') 9/28/95 FS	SB-363 (8 - 10') 9/28/95 FS
1,1,1-Trichloroethane	460,000 {C}	4,000	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
1,1,2,2-Tetrachloroethane	370,000	700	6.0 UJ	5.9 UJ	11 U	31 U	5.6 UJ	5.5 U	6.1 U
1,1,2-Trichloroethane	920,000 {C}	100	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
1,1-Dichloroethane	890,000 {C}	50,000	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
1,1-Dichloroethene	570,000 {C,I}	140 {I}	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
1,2-Dichlorobenzene	210,000 {C}	14,000	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
1,2-Dichloroethane	640,000 {I}	100 {I}	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
1,2-Dichloroethene, Total	640,000 {C}	1,400	6.0 UJ	5.9 U	11 U	31 U	**73 J**	**4.9 J**	6.1 U
1,2-Dichloropropane	550,000 {C,I}	100 {I}	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
1,3-Dichlorobenzene	170,000 {C}	480	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
1,4-Dichlorobenzene	2,900,000	1,700	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
2-Butanone	27,000,000 {C,I,AD}	760,000 {I}	**13 J**	59 U	**36 J**	**80 J**	**3.4 J**	55 U	61 U
2-Hexanone	2,500,000 {C}	58,000	60 UJ	**3.3 J**	110 U	310 U	56 UJ	55 U	61 U
4-Methyl-2-pentanone	2,700,000 {C,I}	100,000 {I}	60 UJ	59 UJ	110 U	310 U	56 UJ	55 U	61 U
Acetone	110,000,000 {I}	42,000 {I}	**73 J**	59 U	110 U	**300 J**	**100 J**	**38 J**	61 U
Benzene	400,000 {C,I}	100 {I}	**67 J**	5.9 U	11 U	31 U	**2.6 J**	5.5 U	**7.5**
Bromodichloromethane	750,000	2,000 {W}	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
Bromoform	870,000 {C}	2,000 {W}	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
Bromomethane	1,600,000	580	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
Carbon disulfide	280,000 {C,I,R,AD}	46,000 {I,R}	6.0 UJ	5.9 U	**5.6 J**	31 U	**4.3 J**	5.5 U	6.1 U
Carbon tetrachloride	390,000 {C}	100	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
Chlorobenzene	260,000 {C,I}	2,000 {I}	6.0 UJ	5.9 UJ	11 U	31 U	5.6 UJ	5.5 U	6.1 U
Chlorodibromomethane	610,000 {C}	2,000 {W}	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
Chloroethane	950,000 {C}	34,000	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
Chloroform	1,500,000 {C}	2,000 {W}	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
Chloromethane	1,100,000 {C,I}	22,000 {I}	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
cis-1,3-Dichloropropene		1,300	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
cis-1,3-Dichloropropene	620,000 {C}		6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
Ethylbenzene	140,000 {C,I}	1,500 {I}	**27 J**	5.9 UJ	11 U	31 U	**4.7 J**	**4.5 J**	**14**
Methylene chloride	2,300,000 {C}	100	6.0 UJ	**3.1 J**	11 U	31 U	5.6 U	5.5 U	6.1 U
Styrene	520,000 {C}	2,700	**63 J**	5.9 UJ	11 U	31 U	5.6 UJ	5.5 U	**9.3**
Tetrachloroethene	88,000 {C}	100	6.0 UJ	5.9 UJ	11 U	31 U	5.6 UJ	5.5 U	6.1 U
Toluene	250,000 {C,I}	16,000 {I}	**100 J**	5.9 UJ	**19 J**	**17 J**	**74 J**	**83 J**	**42**
trans-1,2-Dichloroethene	1,400,000 {C}	2,000	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
trans-1,3-Dichloropropene	620,000 {C}	1,300	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
Trichloroethene	500,000 {C}	100	6.0 UJ	5.9 U	11 U	31 U	**9.0 J**	5.5 U	6.1 U
Vinyl chloride	29,000	40	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
Xylenes, Total	150,000 {C,I}	5,600 {I}	**72 J**	5.9 UJ	**24 J**	**97**	**17 J**	**20 J**	**33**

See generic notes pages.

TABLE 4-122

TCL SVOC ANALYTICAL RESULTS FOR SOIL
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-325 (8 - 10') 6/14/95 FS	SB-362 (0 - 2') 9/28/95 FS	SB-362 (4 - 6') 9/28/95 FS	SB-362 (8 - 10') 9/28/95 FS	SB-363 (0 - 2') 9/28/95 FS	SB-363 (4 - 6') 9/28/95 FS	SB-363 (8 - 10') 9/28/95 FS
1,2,4-Trichlorobenzene	1,100,000 {C,AD}	4,200	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
1,2-Dichlorobenzene	210,000 {C}	14,000	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
1,3-Dichlorobenzene	170,000 {C}	480	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
1,4-Dichlorobenzene	2,900,000	1,700	6.0 UJ	5.9 U	11 U	31 U	5.6 U	5.5 U	6.1 U
2,2'-oxybis(dichloropropane)			16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
2,4,5-Trichlorophenol	110,000,000	110,000	16,000 U	770 UJ	720 U	210 U	1,800 U	1,800 U	2,000 U
2,4,6-Trichlorophenol	5,000,000	9,400	16,000 U	770 UJ	720 U	210 U	1,800 U	1,800 U	2,000 U
2,4-Dichlorophenol	1,800,000 {C,AD}	4,200	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
2,4-Dimethylphenol	56,000,000	20,000	16,000 U	770 UJ	720 U	210 U	1,800 U	1,800 U	2,000 U
2,4-Dinitrophenol			79,000 U	3,800 UJ	3,500 U	1,000 U	8,900 U	8,800 U	9,800 U
2,4-Dinitrotoluene	340,000	640	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
2,6-Dinitrotoluene			16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
2-Chloronaphthalene	280,000,000	1,800,000	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
2-Chlorophenol	6,900,000	2,600	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
2-Methylnaphthalene	40,000,000	170,000	16,000 U	770 U	720 U	**100 J**	1,800 U	1,800 U	**350 J**
2-Methylphenol	56,000,000 {J}	20,000 {J}	16,000 U	770 UJ	720 U	210 U	1,800 U	1,800 U	2,000 U
2-Nitroaniline			79,000 U	3,800 U	3,500 U	1,000 U	8,900 U	8,800 U	9,800 U
2-Nitrophenol	3,100,000	1,200	16,000 U	770 UJ	720 U	210 U	1,800 U	1,800 U	2,000 U
3,3'-Dichlorobenzidine	47,000	2,000 {M}	32,000 U	R	1,400 U	410 U	3,700 U	3,600 U	4,000 U
3-Nitroaniline			79,000 U	3,800 U	3,500 U	1,000 U	8,900 U	8,800 U	9,800 U
4,6-Dinitro-2-methylphenol	390,000	1,700 {M}	79,000 U	3,800 UJ	3,500 U	1,000 U	8,900 U	8,800 U	9,800 U
4-Bromophenyl phenyl ether			16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
4-Chloro-3-methylphenol	22,000,000	16,000	16,000 U	770 UJ	720 U	210 U	1,800 U	1,800 U	2,000 U
4-Chloroaniline			16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
4-Chlorophenyl phenyl ether			16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
4-Methylphenol	56,000,000 {J}	20,000 {J}	16,000 U	770 UJ	720 U	210 U	1,800 U	1,800 U	2,000 U
4-Nitroaniline			79,000 U	3,800 U	3,500 U	1,000 U	8,900 U	8,800 U	9,800 U
4-Nitrophenol			79,000 U	3,800 UJ	3,500 U	1,000 U	8,900 U	8,800 U	9,800 U
Acenaphthene	200,000,000	880,000	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
Acenaphthylene	8,000,000	17,000	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	**330 J**
Anthracene	1,000,000,000 {D}	41,000	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
Benzo(a)anthracene	100,000 {Q}	NLL {Q}	16,000 U	770 UJ	**180 J**	210 U	1,800 U	1,800 U	2,000 U
Benzo(a)pyrene	10,000 {Q}	NLL {Q}	16,000 U	770 UJ	**170 J**	210 U	1,800 U	1,800 U	2,000 U
Benzo(b)fluoranthene	100,000 {Q}	NLL {Q}	16,000 U	770 UJ	**220 J**	210 U	1,800 U	1,800 U	2,000 U
Benzo(g,h,i)perylene	9,100,000	NLL	16,000 U	770 UJ	**130 J**	210 U	1,800 U	1,800 U	2,000 U
Benzo(k)fluoranthene	1,000,000 {Q}	NLL {Q}	16,000 U	770 UJ	**110 J**	210 U	1,800 U	1,800 U	2,000 U
bis(2-Chloroethoxy)methane			16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
bis(2-Chloroethyl)ether	89,000 {I}	330 {I,M}	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
bis(2-Ethylhexyl)phthalate	10,000,000 {C}	NLL	16,000 U	R	720 U	210 U	1,800 U	1,800 U	2,000 U
Butyl benzyl phthalate	310,000 {C}	310,000 {C}	16,000 U	R	720 U	210 U	1,800 U	1,800 U	2,000 U

See generic notes pages.

TABLE 4-122

TCL SVOC ANALYTICAL RESULTS FOR SOIL
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-325 (8 - 10') 6/14/95 FS	SB-362 (0 - 2') 9/28/95 FS	SB-362 (4 - 6') 9/28/95 FS	SB-362 (8 - 10') 9/28/95 FS	SB-363 (0 - 2') 9/28/95 FS	SB-363 (4 - 6') 9/28/95 FS	SB-363 (8 - 10') 9/28/95 FS
Carbazole	3,700,000	39,000	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
Chrysene	10,000,000 {Q}	NLL {Q}	16,000 U	R	**270 J**	210 U	1,800 U	1,800 U	2,000 U
Di-n-butyl phthalate	760,000 {C}	760,000 {C}	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
Di-n-octyl phthalate	28,000,000	140,000,000 {C}	16,000 U	770 UJ	720 U	210 U	1,800 U	1,800 U	2,000 U
Dibenz(a,h)anthracene	10,000 {Q}	NLL {Q}	16,000 U	770 UJ	720 U	210 U	1,800 U	1,800 U	2,000 U
Dibenzofuran	ID	ID	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
Diethyl phthalate	740,000 {C}	320,000	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
Dimethyl phthalate	790,000 {C}	790,000 {C}	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
Fluoranthene	180,000,000	730,000	16,000 U	770 U	**420 J**	**27 J**	**510 J**	1,800 U	2,000 U
Fluorene	130,000,000	890,000	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
Hexachlorobenzene	51,000	1,800	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
Hexachlorobutadiene	350,000 {C}	72,000	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
Hexachlorocyclopentadiene	720,000 {C}	320,000	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
Hexachloroethane	1,100,000	1,200	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
Indeno(1,2,3-cd)pyrene	100,000 {Q}	NLL {Q}	16,000 U	770 UJ	**98 J**	210 U	1,800 U	1,800 U	2,000 U
Isophorone	2,400,000 {C}	62,000	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
N-Nitroso-di-n-propylamine	8,300	330 {M}	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
N-Nitrosodiphenylamine	12,000,000	22,000	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
Naphthalene	80,000,000	100,000	16,000 U	770 U	**390 J**	**390**	1,800 U	1,800 U	**400 J**
Nitrobenzene	490,000 {C,I}	330 {I,M}	16,000 U	770 U	720 U	210 U	1,800 U	1,800 U	2,000 U
Pentachlorophenol	390,000	22	79,000 U	3,800 UJ	3,500 U	1,000 U	8,900 U	8,800 U	9,800 U
Phenanthrene	8,000,000	160,000	16,000 U	770 U	**260 J**	**31 J**	**570 J**	**510 J**	**680 J**
Phenol	12,000,000 {C,AD}	260,000	16,000 U	770 UJ	720 U	210 U	1,800 U	1,800 U	2,000 U
Pyrene	110,000,000	480,000	16,000 U	R	**330 J**	210 U	**440 J**	**550 J**	2,000 U

See generic notes pages.

TABLE 4-123

TCL PCB ANALYTICAL RESULTS FOR SOIL
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-325 (8 - 10') 6/14/95 FS	SB-362 (0 - 2') 9/28/95 FS	SB-362 (4 - 6') 9/28/95 FS	SB-362 (8 - 10') 9/28/95 FS	SB-363 (0 - 2') 9/28/95 FS	SB-363 (4 - 6') 9/28/95 FS	SB-363 (8 - 10') 9/28/95 FS
Aroclor-1016	20,000 {J,T}	NLL {J,T}	200 UJ	3,900 U	180 U	210 U	3,700 U	730 U	200 U
Aroclor-1221	20,000 {J,T}	NLL {J,T}	200 UJ	3,900 U	180 U	210 U	3,700 U	730 U	200 U
Aroclor-1232	20,000 {J,T}	NLL {J,T}	200 UJ	3,900 U	180 U	210 U	3,700 U	730 U	200 U
Aroclor-1242	20,000 {J,T}	NLL {J,T}	200 UJ	3,900 U	180 U	210 U	3,700 U	730 U	200 U
Aroclor-1248	20,000 {J,T}	NLL {J,T}	200 UJ	3,900 U	180 U	**320**	3,700 U	**770**	200 U
Aroclor-1254	20,000 {J,T}	NLL {J,T}	200 UJ	3,900 U	180 U	210 U	3,700 U	730 U	200 U
Aroclor-1260	20,000 {J,T}	NLL {J,T}	200 UJ	**9,600**	**120 J**	**330**	**5,500**	**2,200**	**240**
Total Aroclors	20,000 {J,T}	NLL {J,T}	ND	**9,600**	**120**	**650**	**5,500**	**2,970**	**240**

See generic notes pages.

TABLE 4-124

TAL INORGANIC ANALYTICAL RESULTS FOR SOIL
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SB-362 (0 - 2') 9/28/95 FS	SB-362 (4 - 6') 9/28/95 FS	SB-362 (8 - 10') 9/28/95 FS	SB-363 (0 - 2') 9/28/95 FS	SB-363 (4 - 6') 9/28/95 FS	SB-363 (8 - 10') 9/28/95 FS
Aluminum	660,000,000 {B,AD}	1,000 {B}	7,120,000 J	3,030,000 J	3,510,000 J	5,020,000 J	3,080,000 J	5,190,000 J
Antimony	1,200,000	4,300	9,160	4,270	378	17,400	22,300	540
Arsenic	61,000 {B}	23,000 {B}	3,620	23,600	3,700	4,670	4,110	1,050
Barium	250,000,000	1,300,000	74,100	38,300	32,200	112,000	51,600	42,800
Beryllium	3,100,000	51,000	587 U	542 U	627 U	558 U	550 U	612 U
Cadmium	4,100,000 {B}	6,000 {B}	128	34	125	379	119	44
Calcium			35,400,000 J	15,600,000 J	8,650,000 J	49,000,000 J	73,600,000 J	12,800,000 J
Chromium	1,000,000,000 {B,D,H}	1,000,000,000 {B,D,H}	52,100	109,000	8,960	77,000	147,000	11,800
Cobalt	18,000,000	2,000	7,050	12,600	6,270 U	6,960	5,500 U	6,120 U
Copper	140,000,000	5,800,000	204,000	661,000	6,190	202,000	44,700,000	7,760
Cyanide, Total	250,000 {P,R}	4,000 {P,R}	430	270 U	310 U	770	810	310 U
Iron	1,000,000,000 {B,D}	6,000 {B}	43,300,000	16,200,000	8,360,000	34,900,000	43,100,000	10,700,000
Lead	900,000 (draft)	700,000	1,020,000	93,200	13,200	1,320,000	1,780,000	26,500
Magnesium	1,000,000,000 {B,D}	22,000,000 {B}	11,800,000 J	787,000 J	4,630,000 J	5,730,000 J	8,400,000 J	7,740,000 J
Manganese	170,000,000 {B}	1,000 {B}	771,000 J	1,240,000 J	130,000 J	1,270,000 J	452,000 J	210,000 J
Mercury	1,100,000	1,700	101	54 UJ	63 UJ	62 J	55 UJ	61 UJ
Nickel	270,000,000 {B}	100,000 {B}	63,400	105,000	8,180	104,000	55,700	10,300
Potassium			1,610,000	542,000 U	627,000 U	901,000	550,000 U	809,000
Selenium	18,000,000 {B}	4,000 {B}	587 UJ	2,170 UJ	314 UJ	558 UJ	550 UJ	306 UJ
Silver	17,000,000 {B}	13,000 {B}	587 UJ	2,170 UJ	314 UJ	558 UJ	1,380	306 UJ
Sodium	1,000,000,000 {D}	7,000,000	587,000 U	542,000 U	627,000 U	558,000 U	550,000 U	612,000 U
Thallium	240,000 {B}	2,300 {B}	294 U	271 U	314 U	279 U	275 U	306 U
Vanadium	10,000,000	990,000	19,000	13,800	10,700	14,600	7,460	12,100
Zinc	1,000,000,000 {B,D}	5,000,000 {B}	58,600	22,100	17,200	108,000	5,560,000	17,500

See generic notes pages.

TABLE 4-125

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-132WT (4 - 14') 7/21/95 FS	MW-132S1 (22 - 27') 7/21/95 FS	MW-147WT (5 - 15') 7/30/95 FS (LNAPL)	MW-151WT (6 - 16') 10/20/95 FS	MW-152WT (6 - 16') 10/20/95 FS	MW-152WT (6 - 16') 6/5/96 FS	MW-153WT (6 - 16') 10/20/95 FS	MW-154WT (6 - 16') 10/19/95 FS	MW-154WT (6 - 16') 6/13/96 FS	MW-155WT (6 - 16') 10/19/95 FS	MW-156WT (6 - 16') 10/20/95 FS	MW-156WT (6 - 16') 10/20/95 DUP	MW-156WT (6 - 16') 6/7/96 FS	TW-239WT (9 - 14.6') 2/2/95 FS
1,1,1-Trichloroethane	200 {A}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	7.6 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	5.0 U	5.0 U
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	2.5 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
1,2-Dichloroethene, Total	70 {A}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	190	200	290	5.0 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	5.0 U	5.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	5.0 U	5.0 U
2-Butanone	38,000 {I}	50 UJ	50 UJ	120 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	310 U	360 U	500 U	250 U
2-Hexanone	2,900	50 U	50 UJ	120 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	310 U	360 U	500 U	R
4-Methyl-2-pentanone	5,200 {I}	50 U	50 UJ	120 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U	310 U	360 U	500 U	250 U
Acetone	2,100 {I}	50 UJ	50 UJ	**23 J**	50 U	50 U	100 U	50 U	**10 J**	**13 J**	50 U	310 U	360 U	1,000 U	**10 J**
Benzene	5.0 {A,I}	1.0 U	1.0 U	**4.4**	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	**0.62 J**	1.0 U	6.2 U	7.1 U	50 U	5.2
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
Bromoform	100 {A,W}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
Bromomethane	29	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
Carbon disulfide	2,300 {I,R}	50 U	50 U	120 UJ	50 U	50 U	50 U	50 U	50 U	50 U	50 U	310 U	7.1 U	500 U	250 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
Chloroethane	1,700	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
Chloroform	100 {A,W}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
Chloromethane	1,100 {I}	1.0 U	1.0 UJ	2.5 UJ	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	190	200	290	5.0 U
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
Methylene chloride	5.0 {A}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	5.0 U	1.0 U	1.0 U	5.0 U	1.0 U	6.2 U	7.1 U	5.0 U	5.0 U
Styrene	100 {A}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
Toluene	790 {E,I}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
trans-1,3-Dichloropropen	63	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	10 U	5.0 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	32	35	88	5.0 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	2.5 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	3.0 U	1.0 U	94	110	130	5.0 U
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	**63**	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	**1.1 J**	3.0 U	19 U	21 U	30 U	**57**

See generic notes pages.

TABLE 4-126

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic	MW-132WT (4 - 14')		MW-132S1 (22 - 27')		MW-147WT (6 - 15')	MW-151WT (6 - 16')	MW-152WT (6 - 16')	
Constituents (ug/L)	IDW Value	7/21/95 FS	6/6/96 FS	7/21/95 FS	6/7/96 FS	7/30/95 FS (LNAPL)	10/20/95 FS	10/20/95 FS	6/5/96 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	5.0 U	1.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	19	1.0 U	5.0 U	1.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	5.0 U	1.0 U	5.0 U	2.5 U	1.0 U	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	500 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	**20 J**	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	200 U	20 U	20 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 UJ
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	5.0 U	1.0 U	5.0 U	50 U	**1.3 J**	**1.8 J**	5.0 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-126

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic	MW-132WT (4 - 14')		MW-132S1 (22 - 27')		MW-147WT (5 - 15')	MW-151WT (6 - 16')	MW-152WT (6 - 16')	
	IDW	7/21/95	6/6/96	7/21/95	6/7/96	7/30/95	10/20/95	10/20/95	6/5/96
Carbazole	350	10 U	10 U	10 U	10 U	100 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 UJ
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	5.0 U	2.0 U	5.0 U	2.0 U	50 U	5.0 U	5.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 UJ
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	25 U	250 U	25 U	25 U	25 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	50 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-126

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-153WT (6 - 16') 10/20/95 FS	MW-154WT (6 - 16') 10/19/95 FS	MW-154WT (6 - 16') 6/13/96 FS	MW-155WT (6 - 16') 10/19/95 FS	MW-156WT (6 - 16') 10/20/95 FS	MW-156WT (6 - 16') 10/20/95 DUP	MW-156WT (6 - 16') 6/7/96 FS	TW-239WT (9 - 14.6') 2/2/95 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	5.0 U	5.0 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	5.0 U	5.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	6.2 U	7.1 U	5.0 U	5.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	500 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**18 J**
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
4-Methylphenol	1,000 {J}	5.0 U	**3.8 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U	200 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	5.0 U	5.0 U	**0.82 J**	**1.2 J**	**6.7**	8.0 U	50 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U

See generic notes pages.

TABLE 4-126

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic IDW	MW-153WT (6 - 16')	MW-154WT (6 - 16')		MW-155WT (6 - 16')	MW-156WT (6 - 16')			TW-239WT (9 - 14.6')
		10/20/95	10/19/95	6/13/96	10/19/95	10/20/95		6/7/96	2/2/95
Carbazole	350	10 U	10 U	10 U	10 U	10 U	10 U	10 U	50 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Di-n-butyl phthalate	2,500	**1.4 J**	5.0 U	5.0 U	5.0 U	**1.2 J**	5.0 U	5.0 U	50 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Diethyl phthalate	16,000	5.0 U	**3.1 J**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**5.2 J**
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Hexachloroethane	21	5.0 U	5.0 U	2.0 U	5.0 U	5.0 U	5.0 U	2.0 U	50 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**12 J**
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Pentachlorophenol	1.0 {A}	25 U	**2.7 J**	25 U	25 U	25 U	25 U	25 U	200 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**9.4 J**
Phenol	13,000	5.0 U	**12**	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	50 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	**5.2 J**

See generic notes pages.

TABLE 4-127

TCL PCB ANALYTICAL RESULTS FOR GROUNDWATER
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-132WT (4 - 14') 7/21/95 FS	MW-132WT (4 - 14') 6/6/96 FS	MW-132S1 (22 - 27') 7/21/95 FS	MW-132S1 (22 - 27') 6/7/96 FS	MW-147WT (5 - 15') 7/30/95 FS (LNAPL)	MW-151WT (6 - 16') 10/20/95 FS	MW-152WT (6 - 16') 10/20/95 FS	MW-152WT (6 - 16') 6/5/96 FS	MW-153WT (6 - 16') 10/20/95 FS	MW-154WT (6 - 16') 10/19/95 FS	MW-154WT (6 - 16') 6/13/96 FS	MW-155WT (6 - 16') 10/19/95 FS	MW-156WT (6 - 16') 10/20/95 FS	MW-156WT (6 - 16') 10/20/95 DUP	TW-239WT (9 - 14.6') 2/2/95 FS (LNAPL)
PCBs, Unfiltered																
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	400 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	10 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	400 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	11 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	800 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	10 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	400 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	58
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	610	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	10 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	400 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	910	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	200
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	1,520	ND	ND	ND	ND	ND	ND	ND	ND	ND	258
PCBs, Filtered																
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.44 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	**0.27**
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.20 UJ	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.22 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	**0.25**
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.52

See generic notes pages.

TABLE 4-128

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-132WT (4 - 14')		MW-132S1 (22 - 27')		MW-147WT (5 - 15')	MW-151WT (6 - 16')	MW-152WT (6 - 16')	
		7/21/95 FS	6/6/96 FS	7/21/95 FS	6/7/96 FS	7/30/95 FS (LNAPL)	10/20/95 FS	10/20/95 FS	6/5/96 FS
Aluminum	240 {B,V}*	100 U	NA	R	NA	100 U	**192**	**104**	100 U
Antimony	6.0 {A}	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**28**	NA	**12**	NA	**36**	**15**	**5.5**	5.0 U
Barium	2,000 {A}	200 U	NA	200 U	NA	**213**	200 U	200 U	**333**
Beryllium	4.0 {A}	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	5.0 {A,B}	0.20 UJ	NA	0.20 UJ	NA	0.20 UJ	0.20 U	0.20 U	0.50 U
Calcium		**110,000**	NA	**76,800**	NA	**183,000**	**196,000**	**148,000**	**359,000**
Chromium	100 {A,B,H}	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U
Cobalt	100	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U
Copper	1,000 {E}	25 U	NA	25 U	NA	25 U	25 U	25 U	25 U
Cyanide, Total	200 {A,R}	NA	NA	NA	NA	NA	NA	NA	5.0 U
Iron	13,000 {B,E}*	**6,310**	**1,560**	**3,910**	**4,920**	**11,400**	**8,310**	**2,620**	**5,870**
Lead	6.0 {L}*	3.0 U	NA	3.0 U	NA	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	1,100,000 {B}	**30,800**	NA	**27,200**	NA	**46,900**	**17,000**	**26,700**	**81,200**
Manganese	2,100 {B,E}*	**399**	**202**	**179**	**222**	**2,510**	**2,170**	**1,580**	**4,370**
Mercury	2.0 {A}	0.20 UJ	NA	0.20 UJ	NA	0.20 UJ	0.20 U	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	NA	50 U	NA	50 U	50 U	50 U	50 U
Potassium		5,000 U	NA	**8,080**	NA	**8,950**	**10,500**	**21,200**	**34,600**
Selenium	50 {A,B}	5.0 U	NA	5.0 U	NA	5.0 U	5.0 U	5.0 U	5.0 U
Silver	98 {B}	0.50 UJ	NA	0.50 UJ	NA	0.50 U	0.50 U	0.50 U	0.50 U
Sodium	350,000	**86,200**	**37,000**	**59,600**	**61,700**	**178,000**	**81,500**	**102,000**	**239,000**
Thallium	2.0 {A,B}	2.0 UJ	NA	2.0 UJ	NA	2.0 UJ	2.0 UW	2.0 UW	4.0 UJ
Vanadium	62	20 U	NA	20 U	NA	20 U	20 U	20 U	20 U
Zinc	20,000 {B,E}*	R	20 U	R	**21**	20 U	20 U	20 U	20 U

See generic notes pages.

TABLE 4-128

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT LNAPL INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	MW-153WT (6 - 16') 10/20/95 FS	MW-153WT (6 - 16') 6/7/96 FS	MW-154WT (6 - 16') 10/19/95 FS	MW-154WT (6 - 16') 6/13/96 FS	MW-155WT (6 - 16') 10/19/95 FS	MW-156WT (6 - 16') 10/20/95 FS	MW-156WT (6 - 16') 10/20/95 DUP	TW-239WT (9 - 14.6') 2/2/95 FS
Aluminum	240 {B,V}*	**152**	151 U	**125**	100 U	**148**	100 U	**115**	100 U
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**51**	**39**	**25**	5.0 U	**23**	**23**	**28**	**23 J**
Barium	2,000 {A}	**203**	200 U	200 U	200 U	**208**	200 U	200 U	200 U
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	5.0 {A,B}	0.20 U	0.50 UJ	0.20 U	0.50 U	0.20 U	0.20 U	0.20 U	0.20 UJ
Calcium		**183,000**	**153,000**	**96,000**	**73,900**	**166,000**	**81,200**	**82,900**	**148,000**
Chromium	100 {A,B,H}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 UJ
Cobalt	100	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Copper	1,000 {E}	25 U	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Cyanide, Total	200 {A,R}	NA	5.0 UJ	NA	**53**	NA	NA	NA	NA
Iron	13,000 {B,E}*	**9,500**	**9,170**	**3,310**	**1,360**	**7,280**	**2,340**	**2,370**	**3,040**
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	1,100,000 {B}	**44,600**	**42,500**	**22,100**	**19,800**	**39,600**	**28,500**	**28,800**	**36,100**
Manganese	2,100 {B,E}*	**1,210**	**718**	**532**	**217**	**1,150**	**315**	**324**	**2,460**
Mercury	2.0 {A}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Nickel	100 {A,B}	50 U	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Potassium		**14,600**	**9,020**	**7,400**	**7,180**	**10,600**	5,000 U	5,000 U	**12,300**
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Silver	98 {B}	0.50 U	0.50 U	0.50 U	0.50 UJ	0.50 U	0.50 U	0.50 U	0.50 U
Sodium	350,000	**200,000**	**173,000**	**57,400**	**61,300**	**241,000**	**163,000**	**166,000**	**158,000**
Thallium	2.0 {A,B}	2.0 UW	2.0 UJ	2.0 U	2.0 UJ	2.0 UW	2.0 UW	2.0 UW	2.0 UJ
Vanadium	62	20 U	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Zinc	20,000 {B,E}*	20 U	20 U	20 U	20 U	20 U	20 U	**28**	20 U

See generic notes pages.

Driveway Expansion Soil Analytical Data

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 4-129

TCL PCB ANALYTICAL RESULTS FOR SURFACE SOIL
AT DRIVEWAY EXPANSION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	DW-1 (0 - 0.5') 10/6/98 FS	DW-2 (0 - 0.5') 10/6/98 FS	DW-3 (0 - 0.5') 10/6/98 FS	DW-4 (0 - 0.5') 10/6/98 FS	DW-5 (0 - 0.5') 10/6/98 FS	DW-6 (0 - 0.5') 10/6/98 FS	DW-6 (0 - 0.5') 10/6/98 DUP
Aroclor-1016	20,000 {J,T}	NLL {J,T}	330 U	330 U	330 U	330 U	330 UJ	330 U	330 U
Aroclor-1221	20,000 {J,T}	NLL {J,T}	330 U	330 U	330 U	330 U	330 UJ	330 U	330 U
Aroclor-1232	20,000 {J,T}	NLL {J,T}	330 U	330 U	330 U	330 U	330 UJ	330 U	330 U
Aroclor-1242	20,000 {J,T}	NLL {J,T}	330 U	330 U	330 U	330 U	330 UJ	330 U	330 U
Aroclor-1248	20,000 {J,T}	NLL {J,T}	330 U	330 U	330 U	330 U	330 UJ	330 U	330 U
Aroclor-1254	20,000 {J,T}	NLL {J,T}	330 UJ	330 UJ	330 U	330 UJ	330 UJ	330 UJ	330 UJ
Aroclor-1260	20,000 {J,T}	NLL {J,T}	330 U	330 U	330 U	330 U	330 UJ	330 U	330 U
Total Aroclors	20,000 {J,T}	NLL {J,T}	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

Supplemental Stormwater Pond Investigation Analytical Data

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 4-130

TCL PCB ANALYTICAL RESULTS FOR GROUNDWATER AND SURFACE WATER AT SUPPLEMENTAL STORMWATER POND INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA REMEDIAL INVESTIGATION

Constituents (ug/L)	Industrial Value	MW-170WT (6.2 - 15.7') 8/5/98 FS (LNAPL)	MW-181WT (3 - 13') 8/5/98 FS	MW-181WT (3 - 13') 8/5/98 DUP	MW-182WT (3.9 - 13.9') 8/5/98 FS	SW-24 8/6/98 FS
PCBs, Unfiltered						
Aroclor-1016	0.50 {A,J,T}	100 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	100 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	100 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	460	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	100 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	100 U	0.20 UJ	0.20 U	0.20 UJ	0.20 UJ
Aroclor-1260	0.50 {A,J,T}	160	0.20 U	0.20 U	0.20 U	0.20 U
Total Aroclors	0.50 {A,J,T}	620	ND	ND	ND	ND

See generic notes pages.

TABLE 4-131

TCL PCB ANALYTICAL RESULTS FOR SEDIMENT
AT SUPPLEMENTAL STORMWATER POND INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	MDEQ Generic IDC Value	MDEQ Generic IDWP Value	SD-49 8/6/98 FS	SD-50 8/6/98 FS	SD-51 8/6/98 FS	SD-52 8/6/98 FS	SD-52 8/6/98 DUP
Aroclor-1016	20,000 {J,T}	NLL {J,T}	*380 U*	*330 U*	*330 U*	*330 U*	*330 U*
Aroclor-1221	20,000 {J,T}	NLL {J,T}	*380 U*	*330 U*	*330 U*	*330 U*	*330 U*
Aroclor-1232	20,000 {J,T}	NLL {J,T}	*380 U*	*330 U*	*330 U*	*330 U*	*330 U*
Aroclor-1242	20,000 {J,T}	NLL {J,T}	***1,700***	*330 U*	*330 U*	***1,200***	***2,700***
Aroclor-1248	20,000 {J,T}	NLL {J,T}	*380 U*	*330 U*	*330 U*	*330 U*	*330 U*
Aroclor-1254	20,000 {J,T}	NLL {J,T}	*380 U*	*330 U*	*330 U*	*330 U*	*330 U*
Aroclor-1260	20,000 {J,T}	NLL {J,T}	***860***	*330 U*	*330 U*	***1,600***	***4,000***
Total Aroclors	20,000 {J,T}	NLL {J,T}	***2,560***	*ND*	*ND*	***2,800***	***6,700***

See generic notes pages.

TABLE 4-132

TCL PCB ANALYTICAL RESULTS FOR LNAPL
AT SUPPLEMENTAL STORMWATER POND INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MW-169WT (5.2 - 14.7')		*SW-22*	*SW-23*
	8/6/98		*8/6/98*	*8/6/98*
Constituents (ug/kg)	*FS*	*DUP*	*FS*	*FS*
Aroclor-1016	*5,100 U*	*5,100 U*	*5,000 U*	*4,800 U*
Aroclor-1221	*5,100 U*	*5,100 U*	*5,000 U*	*4,800 U*
Aroclor-1232	*5,100 U*	*5,100 U*	*5,000 U*	*4,800 U*
Aroclor-1242	*5,100 U*	*5,100 U*	*13,000 J*	*11,000 J*
Aroclor-1248	*5,100 U*	*5,100 U*	*5,000 U*	*4,800 U*
Aroclor-1254	*5,100 U*	*5,100 U*	*5,000 U*	*4,800 U*
Aroclor-1260	*30,000*	*27,000*	*14,000*	*13,000*
Total Aroclors	*30,000*	*27,000*	*27,000 J*	*24,000 J*

See generic notes pages.

Quench Pit Investigation Analytical Data

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 4-133

TCL VOC ANALYTICAL RESULTS FOR GROUNDWATER
AT QUENCH PIT INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	QPTW-6 (2.97 - 12.97') 4/12/97 FS	QPTW-7 (2.88 - 12.88') 4/12/97 FS	QPTW-8 (3.02 - 13.02') 4/12/97 FS	QPTW-9 (2.82 - 12.82') 4/12/97 FS	QPTW-11 (2.93 - 12.93') 4/12/97 FS	QPTW-12 (2.93 - 12.93') 4/12/97 FS	QPTW-13 (3.1 - 13.1') 4/12/97 FS
1,1,1-Trichloroethane	200 {A}	**0.37 J**	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane	35	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane	2,500	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene	7.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	**0.17 J**	1.0 U	1.0 U
1,2-Dichloroethane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloropropane	5.0 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	**0.13 J**	1.0 U	1.0 U
2-Butanone	38,000 {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2-Hexanone	2,900	50 U	50 U	50 U	50 U	50 U	50 U	50 U
4-Methyl-2-pentanone	5,200 {I}	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Acetone	2,100 {I}	100 U	**8.9 J**	100 U	100 U	100 U	**9.0 J**	100 U
Benzene	5.0 {A,I}	5.0 U	5.0 U	5.0 U	5.0 U	**0.29 J**	5.0 U	5.0 U
Bromodichloromethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane	29	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon disulfide	2,300 {I,R}	50 U	**0.081 J**	**0.22 J**	**0.72 J**	50 U	**0.21 J**	50 U
Carbon tetrachloride	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene	100 {A,I}	1.0 U	1.0 U	1.0 U	1.0 U	**0.19 J**	1.0 U	1.0 U
Chlorodibromomethane	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane	1,700	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform	100 {A,W}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloromethane	1,100 {I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,2-Dichloroethene	70 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene	74 {E,I}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene chloride	5.0 {A}	**0.18 JB**	**0.20 JB**	**0.22 JB**	**0.17 JB**	**0.34 J**	**0.45 J**	**0.55 J**
Styrene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene	790 {E,I}	**0.15 J**	**0.11 J**	**0.086 J**	**0.091 J**	**0.20 J**	**0.17 J**	1.0 U
trans-1,2-Dichloroethene	100 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropen	63	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene	5.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl chloride	2.0 {A}	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total	280 {E,I}	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U

See generic notes pages.

TABLE 4-134

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT QUENCH PIT INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	QPTW-6 (2.97 - 12.97') 4/12/97 FS	QPTW-7 (2.88 - 12.88') 4/12/97 FS	QPTW-8 (3.02 - 13.02') 4/12/97 FS	QPTW-9 (2.82 - 12.82') 4/12/97 FS	QPTW-11 (2.93 - 12.93') 4/12/97 FS	QPTW-12 (2.93 - 12.93') 4/12/97 FS	QPTW-13 (3.1 - 13.1') 4/12/97 FS
1,2,4-Trichlorobenzene	70 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
1,2-Dichlorobenzene	600 {A}	1.0 U	1.0 U	1.0 U	1.0 U	**0.17 J**	1.0 U	1.0 U
1,3-Dichlorobenzene	19	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,4-Dichlorobenzene	75 {A}	1.0 U	1.0 U	1.0 U	1.0 U	**0.13 J**	1.0 U	1.0 U
2,2'-oxybis(dichloropropane)		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4,5-Trichlorophenol	2,100	50 U	50 U	50 U	50 U	50 U	50 U	50 U
2,4,6-Trichlorophenol	470	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dichlorophenol	210	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dimethylphenol	1,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,4-Dinitrotoluene	32	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2,6-Dinitrotoluene		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chloronaphthalene	5,200	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Chlorophenol	130	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylnaphthalene	750	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
2-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U
2-Nitrophenol	58	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
3,3'-Dichlorobenzidine	4.3	20 U	20 U	20 U	20 U	20 U	20 U	20 U
3-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U
4,6-Dinitro-2-methylphenol	20 {M}	20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Bromophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloro-3-methylphenol	420	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Chloroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U
4-Chlorophenyl phenyl ether		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Methylphenol	1,000 {J}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
4-Nitroaniline		20 U	20 U	20 U	20 U	20 U	20 U	20 U
Acenaphthene	3,800	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Acenaphthylene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Anthracene	43 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)anthracene	8.5 {Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(a)pyrene	5.0 {A,M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(b)fluoranthene	2.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(g,h,i)perylene	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Benzo(k)fluoranthene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethoxy)methane		5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Chloroethyl)ether	8.3 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
bis(2-Ethylhexyl)phthalate	6.0 {A}	5.0 U	5.0 U	5.0 U	**1.4 J**	5.0 U	5.0 U	5.0 U
Butyl benzyl phthalate	2,700 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-134

TCL SVOC ANALYTICAL RESULTS FOR GROUNDWATER
AT QUENCH PIT INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	MDEQ Generic IDW	QPTW-6 (2.97 - 12.97') 4/12/97	QPTW-7 (2.88 - 12.88') 4/12/97	QPTW-8 (3.02 - 13.02') 4/12/97	QPTW-9 (2.82 - 12.82') 4/12/97	QPTW-11 (2.93 - 12.93') 4/12/97	QPTW-12 (2.93 - 12.93') 4/12/97	QPTW-13 (3.1 - 13.1') 4/12/97
Carbazole	350	10 U	10 U	10 U	10 U	10 U	10 U	10 U
Chrysene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Di-n-butyl phthalate	2,500	5.0 U	5.0 U	5.0 U	**1.3 J**	5.0 U	5.0 U	5.0 U
Di-n-octyl phthalate	380	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenz(a,h)anthracene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dibenzofuran	ID	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Diethyl phthalate	16,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Dimethyl phthalate	210,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluoranthene	210 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Fluorene	2,000 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobenzene	1.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorobutadiene	42	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachlorocyclopentadiene	50 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Hexachloroethane	21	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
Indeno(1,2,3-cd)pyrene	5.0 {M,Q}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Isophorone	3,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitroso-di-n-propylamine	5.0 {M}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
N-Nitrosodiphenylamine	1,100	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Naphthalene	1,500	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Nitrobenzene	9.6 {I}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pentachlorophenol	1.0 {A}	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Phenanthrene	150	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Phenol	13,000	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Pyrene	140 {S}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U

See generic notes pages.

TABLE 4-135

TCL PCB ANALYTICAL RESULTS FOR GROUNDWATER
AT QUENCH PIT INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	QPTW-6 (2.97 - 12.97') 4/12/97 FS	QPTW-7 (2.88 - 12.88') 4/12/97 FS	QPTW-8 (3.02 - 13.02') 4/12/97 FS	QPTW-9 (2.82 - 12.82') 4/12/97 FS	QPTW-11 (2.93 - 12.93') 4/12/97 FS	QPTW-12 (2.93 - 12.93') 4/12/97 FS	QPTW-13 (3.1 - 13.1') 4/12/97 FS
PCBs, Unfiltered								
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND
PCBs, Filtered								
Aroclor-1016	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1221	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1232	0.50 {A,J,T}	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U	0.40 U
Aroclor-1242	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1248	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1254	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Aroclor-1260	0.50 {A,J,T}	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U	0.20 U
Total Aroclors	0.50 {A,J,T}	ND	ND	ND	ND	ND	ND	ND

See generic notes pages.

TABLE 4-136

TAL INORGANIC ANALYTICAL RESULTS FOR GROUNDWATER
AT QUENCH PIT INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	MDEQ Generic IDW Value	QPTW-6 (2.97 - 12.97') 4/12/97 FS	QPTW-7 (2.88 - 12.88') 4/12/97 FS	QPTW-8 (3.02 - 13.02') 4/12/97 FS	QPTW-9 (2.82 - 12.82') 4/12/97 FS	QPTW-11 (2.93 - 12.93') 4/12/97 FS	QPTW-12 (2.93 - 12.93') 4/12/97 FS	QPTW-13 (3.1 - 13.1') 4/12/97 FS
Aluminum	240 {B,V}*	100 U	100 U	100 U	100 U	100 U	100 U	100 U
Antimony	6.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Arsenic	50 {A,B}	**16**	**64**	**8.1**	**23**	**15**	**9.1**	5.0 U
Barium	2,000 {A}	200 U	**202**	200 U	**339**	200 U	**220**	200 U
Beryllium	4.0 {A}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Cadmium	5.0 {A,B}	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U	0.50 U
Calcium		**108,000**	**164,000**	**129,000**	**231,000**	**129,000**	**132,000**	**104,000**
Chromium	100 {A,B,H}	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Cobalt	100	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Copper	1,000 {E}	25 U	25 U	25 U	25 U	25 U	25 U	25 U
Iron	13,000 {B,E}*	**166**	**20,000**	**2,520**	**29,900**	**4,210**	100 U	**14,500**
Lead	6.0 {L}*	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U	3.0 U
Magnesium	1,100,000 {B}	**23,000**	**32,000**	**21,600**	**40,400**	**23,700**	**26,500**	**24,800**
Manganese	2,100 {B,E}*	**758**	**1,860**	**1,380**	**1,370**	**2,050**	**770**	**625**
Nickel	100 {A,B}	50 U	50 U	50 U	50 U	50 U	50 U	50 U
Potassium		5,000 U	**5,060**	**11,700**	**8,020**	**7,940**	5,000 U	**10,300**
Selenium	50 {A,B}	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U	5.0 U
Sodium	350,000	**40,900**	**98,100**	**30,000**	**43,200**	**35,900**	**43,400**	**77,300**
Vanadium	62	20 U	20 U	20 U	20 U	20 U	20 U	20 U
Zinc	20,000 {B,E}*	20 U	20 U	20 U	**28**	20 U	20 U	20 U

See generic notes pages.

TABLE 4-137

TCL VOC ANALYTICAL RESULTS FOR LNAPL
AT QUENCH PIT INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	QPTW-1 (3.2 - 13.2') 4/13/97 FS	QPTW-2 (3.05 - 13.1') 4/12/97 FS	QPTW-3 (3.12 - 13.12') 4/13/97 FS	QPTW-4 (3.07 - 13.07') 4/13/97 FS	QPTW-5 (2.97 - 12.97') 4/13/97 FS	QPTW-10 (2.85 - 12.85') 4/13/97 FS	QPTW-13 (3.1 - 13.1') 9/10/97 FS
1,1,1-Trichloroethane	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
1,1,2,2-Tetrachloroethane	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
1,1,2-Trichloroethane	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
1,1-Dichloroethane	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
1,1-Dichloroethene	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
1,2-Dichlorobenzene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
1,2-Dichloroethane	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
1,2-Dichloroethene, Total	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
1,2-Dichloropropane	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
1,3-Dichlorobenzene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
1,4-Dichlorobenzene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
2-Butanone	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	12,000 U
2-Hexanone	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	12,000 U
4-Methyl-2-pentanone	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	12,000 U
Acetone	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	2,500 U	12,000 U
Benzene	**1,800**	620 U	620 U	620 U	620 U	620 U	3,100 U
Bromodichloromethane	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
Bromoform	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
Bromomethane	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	6,000 U
Carbon disulfide	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
Carbon tetrachloride	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
Chlorobenzene	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
Chlorodibromomethane	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
Chloroethane	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	6,000 U
Chloroform	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
Chloromethane	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	6,000 U
cis-1,3-Dichloropropene	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
Ethylbenzene	**2,000**	620 U	**790**	620 U	620 U	620 U	3,100 U
Methylene chloride	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
Styrene	**3,000**	620 U	620 U	620 U	**630**	620 U	3,100 U
Tetrachloroethene	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
Toluene	**4,100**	620 U	**620**	620 U	620 U	620 U	3,100 U
trans-1,3-Dichloropropen	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
Trichloroethene	620 U	620 U	620 U	620 U	620 U	620 U	3,100 U
Vinyl chloride	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	1,200 U	6,000 U
Xylenes, Total	**5,500**	620 U	**1,900**	**700**	**1,000**	**1,100**	3,100 U

See generic notes pages.

TABLE 4-138

TCL SVOC ANALYTICAL RESULTS FOR LNAPL
AT QUENCH PIT INVESTIGATION SAMPLE LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	QPTW-1 (3.2 - 13.2') 4/13/97 FS	QPTW-2 (3.05 - 13.1') 4/12/97 FS	QPTW-3 (3.12 - 13.12') 4/13/97 FS	QPTW-4 (3.07 - 13.07') 4/13/97 FS	QPTW-5 (2.97 - 12.97') 4/13/97 FS	QPTW-10 (2.85 - 12.85') 4/13/97 FS	QPTW-13 (3.1 - 13.1') 9/10/97 FS
1,2,4-Trichlorobenzene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
1,2-Dichlorobenzene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
1,3-Dichlorobenzene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
1,4-Dichlorobenzene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
2,2'-oxybis(dichloropropane)	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
2,4,5-Trichlorophenol	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
2,4,6-Trichlorophenol	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
2,4-Dichlorophenol	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
2,4-Dimethylphenol	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
2,4-Dinitrotoluene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
2,6-Dinitrotoluene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
2-Chloronaphthalene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
2-Chlorophenol	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
2-Methylnaphthalene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
2-Methylphenol	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
2-Nitroaniline	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U
2-Nitrophenol	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
3,3'-Dichlorobenzidine	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U
3-Nitroaniline	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U
4,6-Dinitro-2-methylphenol	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U
4-Bromophenyl phenyl ether	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
4-Chloro-3-methylphenol	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
4-Chloroaniline	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
4-Chlorophenyl phenyl ether	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
4-Methylphenol	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
4-Nitroaniline	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U
Acenaphthene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Acenaphthylene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Anthracene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Benzo(a)anthracene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Benzo(a)pyrene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Benzo(b)fluoranthene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Benzo(g,h,i)perylene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Benzo(k)fluoranthene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
bis(2-Chloroethoxy)methane	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
bis(2-Chloroethyl)ether	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
bis(2-Ethylhexyl)phthalate	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Butyl benzyl phthalate	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U

See generic notes pages.

TABLE 4-138

TCL SVOC ANALYTICAL RESULTS FOR LNAPL
AT QUENCH PIT INVESTIGATION SAMPLE LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	QPTW-1 (3.2 - 13.2') 4/13/97	QPTW-2 (3.05 - 13.1') 4/12/97	QPTW-3 (3.12 - 13.12') 4/13/97	QPTW-4 (3.07 - 13.07') 4/13/97	QPTW-5 (2.97 - 12.97') 4/13/97	QPTW-10 (2.85 - 12.85') 4/13/97	QPTW-13 (3.1 - 13.1') 9/10/97
Carbazole	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Chrysene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Di-n-butyl phthalate	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Di-n-octyl phthalate	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Dibenz(a,h)anthracene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Dibenzofuran	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Diethyl phthalate	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Dimethyl phthalate	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Fluoranthene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Fluorene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Hexachlorobenzene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Hexachlorobutadiene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Hexachlorocyclopentadiene	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U
Hexachloroethane	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Indeno(1,2,3-cd)pyrene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Isophorone	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
N-Nitroso-di-n-propylamine	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
N-Nitrosodiphenylamine	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Naphthalene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Nitrobenzene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Pentachlorophenol	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U	5,000,000 U
Phenanthrene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Phenol	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U
Pyrene	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U	1,000,000 U

See generic notes pages.

TABLE 4-139

TCL PCB ANALYTICAL RESULTS FOR LNAPL
AT QUENCH PIT INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/kg)	QPTW-1 (3.2 - 13.2') 4/13/97 FS	QPTW-2 (3.05 - 13.1') 4/12/97 FS	QPTW-3 (3.12 - 13.12') 3/16/97 FS	QPTW-4 (3.07 - 13.07') 3/16/97 FS	QPTW-5 (2.97 - 12.97') 4/13/97 FS	QPTW-10 (2.85 - 12.85') 4/3/97 FS	QPTW-13 (3.1 - 13.1') 9/10/97 FS
Aroclor-1016	1,000 U	2,500 U	2,500 U	1,000 U	1,000 U	2,500 U	5,000 U
Aroclor-1221	1,000 U	2,500 U	2,500 U	1,000 U	1,000 U	2,500 U	5,000 U
Aroclor-1232	1,000 U	2,500 U	2,500 U	1,000 U	1,000 U	2,500 U	5,000 U
Aroclor-1242	1,000 U	2,500 U	2,500 U	1,000 U	1,000 U	2,500 U	5,000 U
Aroclor-1248	1,000 U	2,500 U	2,500 U	1,000 U	1,000 U	2,500 U	5,000 U
Aroclor-1254	**1,600**	**16,000**	~~5,000 U~~	~~1,000 U~~	**3,000**	~~5,000 U~~	**16,000**
Aroclor-1260	1,000 U	5,000 U	1,000 U	1,000 U	1,000 U	2,500 U	5,000 U
Total Aroclors	**1,600**	**16,000**	**19,000**	**4,300**	**3,000**	**15,000**	**16,000**

See generic notes pages.

19,000

4,300

15,000

TABLE 4-140

TAL INORGANIC ANALYTICAL RESULTS FOR LNAPL
AT QUENCH PIT INVESTIGATION SAMPLING LOCATIONS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Constituents (ug/L)	QPTW-1 (3.2 - 13.2') 4/13/97 FS	QPTW-2 (3.05 - 13.1') 4/12/97 FS	QPTW-3 (3.12 - 13.12') 4/13/97 FS	QPTW-4 (3.07 - 13.07') 4/13/97 FS	QPTW-5 (2.97 - 12.97') 4/13/97 FS	QPTW-10 (2.85 - 12.85') 4/13/97 FS	QPTW-13 (3.1 - 13.1') 9/10/97 FS
Aluminum	20,000 U	**28,600**	**369,000**	20,000 U	20,000 U	20,000 U	**53,400**
Antimony	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U
Arsenic	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U
Barium	20,000 U	20,000 U	20,000 U	20,000 U	20,000 U	20,000 U	20,000 U
Beryllium	500 U	500 U	500 U	500 U	500 U	500 U	500 U
Cadmium	200 U	200 U	200 U	200 U	200 U	200 U	200 U
Calcium	500,000 U	500,000 U	500,000 U	500,000 U	500,000 U	500,000 U	**675,000**
Chromium	1,000 U	**1,700**	**2,700**	1,000 U	1,000 U	1,000 U	**3,500**
Cobalt	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U
Copper	2,500 U	**2,600**	2,500 U	2,500 U	2,500 U	2,500 U	**3,400**
Iron	**61,300**	**63,300**	**101,000**	**18,000**	**24,200**	**24,500**	**588,000**
Lead	300 U	**2,300**	**370**	300 U	**360**	**400**	**2,000**
Magnesium	500,000 U	500,000 U	500,000 U	500,000 U	500,000 U	500,000 U	500,000 U
Manganese	**3,800**	**6,100**	**25,200**	**1,600**	**1,700**	**2,400**	**19,900**
Mercury	NA	NA	NA	100 U	NA	NA	100 U
Nickel	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U	4,000 U
Potassium	500,000 U	500,000 U	500,000 U	500,000 U	500,000 U	500,000 U	500,000 U
Selenium	500 U	**870**	500 U	500 U	500 U	**500**	**1,300**
Silver	500 U	500 U	500 U	500 U	500 U	500 U	500 U
Sodium	500,000 U	500,000 U	500,000 U	500,000 U	500,000 U	500,000 U	500,000 U
Thallium	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U	1,000 U
Vanadium	5,000 U	5,000 U	**5,800**	5,000 U	5,000 U	5,000 U	**5,000**
Zinc	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U	5,000 U

See generic notes pages.

Ecological Assessment Data

BLASLAND, BOUCK & LEE, INC.
engineers & scientists

TABLE 5-1

RESULTS OF FISH SURVEYS OF SOUTHERN DRAINAGEWAYS

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

Species	Station Number							
	F1	F2	F3	F4	F5	F6	F7	F8
Carp *(Cyprinus carpio)*	X	X	X			X	X	X
Freshwater drum *(Aplodinotus grunniens)*			X			X	X	
Green sunfish *(Lepomis cyanellus)*	X	X		X	X	X	X	X
Pumpkinseed (*Lepomis gibbosus*)	X	X	X	X	X	X	X	X
Bluegill (*Lepomis macrochirus*)		X	X	X				
Largemouth bass (*Micropterus salmoides*)		X	X					
White crappie (*Pomoxis annularis*)		X	X					X
Black bullhead (*Ictalurus melas*)			X					X
Yellow bullhead (*Ictalurus natalis*)	X		X					X
Northern pike (*Esox lucius*)					X			
Minnow (species undetermined)						X	X	
Crayfish (species undetermined)			X					X
Survey Method[1]	S, EF	S, EF,GN	EF, GN	S	S	EF	EF	GN

Notes:
X = Species occurred at station; all individuals were released alive at the point of collection.
[1] Survey methods: S - fish seine, EF - electrofishing equipment, GN - gill net.

TABLE 5-2

CONSTITUENTS DETECTED IN SURFACE WATER
ECOLOGICAL ASSESSMENT DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	Detection Summary					Screening Summary			
			Min	Max	Average	EPA CCC		MI FCV	
Analyte	Analyzed	Detected	(ug/L)	(ug/L)	(ug/L)	(ug/L)	Exceed	(ug/L)	Exceed
2-Hexanone	18	1	50	50	50				
2-Methylnaphthalene	18	1	3.1	3.1	3.1				
Acetone	18	4	2.3	22	11			1,700	0
Aluminum	18	16	61.4	2,255	762	87	14		
Antimony	18	1	2.4	2.4	2.4	30 [a]	0		
Arsenic	18	11	1.2	6.2	3.4	150	0	150	0
Barium	18	8	11.8	393	131			1,194 [b]	0
Benzene	18	1	0.5	0.5	0.5	5,300 [c,d]	0	200	0
Beryllium	18	1	0.94	0.94	0.94	5.3 [d]	0	26 [b]	0
bis[2-Ethylhexyl]phthalate	18	2	4.1	19	11.6	360 [a]	0		
Cadmium	18	5	0.3	1.6	0.8	5.17 [b]	0	4.5 [b]	0
Calcium	18	18	4,070	143,000	84,193				
Chlorobenzene	18	1	0.066	0.066	0.066	50 [d]	0	47	0
Chloroform	18	1	1.1	1.1	1.1	1,240 [d]	0	170	0
Chromium	18	3	1.6	2.2	1.8	11 [e]	0	11 [e]	0
cis-1,2-Dichloroethene	18	1	0.11	0.11	0.11	11,600 [c,d]	0	620	0
Copper	18	4	4.2	14.7	8.8	20.9 [b]	0	20.1 [b]	0
Cyanide	18	1	10	10	10	5.2	1	5.2	1
Dibenzofuran	18	1	0.57	0.57	0.57			4	0
Fluorene	18	1	0.71	0.71	0.71			12	0
Iron	15	14	632	4,110	1,814	1,000	11		
Lead	18	2	8.9	28.1	18.5	10.6 [b]	1	28.3 [b]	0
Magnesium	18	17	9,420	101,000	49,439				
Manganese	18	18	0.99	525	228			1,212 [b]	0
Methylene chloride	18	2	0.4	0.7	0.55	11,000 [c,d]	0	940	0
Naphthalene	18	1	2	2	2	620 [d]	0	13	0
Nickel	18	5	3.3	6.8	4.7	116 [b]	0	116 [b]	0
Phenanthrene	18	1	0.95	0.95	0.95	6.3 [a]	0	2	0
Phenol	18	2	1.5	1.7	1.6	2,560 [d]	0	210	0
Potassium	18	16	54.9	97,600	37,062				
Sodium	18	17	22,800	353,000	145,841				
Thallium	18	5	5.5	8.6	7.3	40 [d]	0	10	0
Trichloroethene	18	1	0.42	0.42	0.42	21,900 [d]	0	200	0
Zinc	15	5	20.6	2,000	638	267 [b]	2	263 [b]	2

Notes:

[a] Proposed value

[b] Assumes hardness of 257 mg/L.

[c] No CCC. Acute value (CMC) used.

[d] Lowest-observed-effect level.

[e] Value for hexavalent chromium.

TABLE 5-3

CONSTITUENTS DETECTED IN SOIL
ECOLOGICAL ASSESSMENT DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	Detection Summary					Screening Summary									
						MI Background		Phytotox[a]		Earthworm[b]		Avian[c]		Mammal[d]	
Analyte	Analyzed	Detected	Min (ug/kg)	Max (ug/kg)	Average (ug/kg)	(ug/kg)	Exceed.	(ug/kg)	Exceed.	(ug/kg)	Exceed.	(ug/kg)	Exceed.	(ug/kg)	Exceed.
Surface Soils															
1,1-Dichloroethane	17	1	3.9	3.9	3.9							14,200 [e]	0	103,000 [e]	0
1,2-Dichloroethene Isomers (total)	17	1	31	31	31									89,600	0
2-Methylnaphthalene	17	7	70	1500	460										
2-Methylphenol	17	2	40	77	58.5										
Aluminum	29	29	3,350,000	14,700,000	7,981,379	6,900,000	18	50,000	29			90,800	29	3,825	29
Anthracene	17	1	110	110	110										
Antimony	29	4	600	1,090	793			5,000	0					248	4
Aroclor 1248	29	3	780	3,300	1,683			40,000 [f]	0					71	3
Aroclor 1254	29	14	28	1,600	239			40,000 [f]	0			149	6	111	6
Aroclor 1260	29	6	60	1,150	294			40,000 [f]	0						
Arsenic	29	29	1,290	7,500	4,387	5,800	7	10,000	0	60,000	0	4,300	14	250	29
Barium	29	29	14,700	95,600	55,916	75,000	5	500,000	0			17,200	28	19,700	28
Benz(a)anthracene	17	6	40	550	144										
Benzo(a)pyrene	17	5	32	690	189									1,980	0
Benzo(b)fluoranthene	17	8	47	1,100	209										
Benzo(ghi)perylene	17	3	22	400	167										
Benzo(k)fluoranthene	17	3	20	370	151										
Beryllium	29	2	60	593	327			10,000	0					2,420	0
bis(2-Ethylhexyl)phthalate	17	1	160	160	160							910	0	38,000	0
Cadmium	29	16	33.3	870	415	1,200	0	4,000	0	20,000	0	1,200	0	3,533	0
Calcium	29	29	2,130,000	72,800,000	19,035,172										
Carbazole	17	2	79	220	150										
Chromium	29	29	8,400	184,000	34,426	18,000	17	1,000	29	400	29	830	29	12,010	25
Chrysene	17	6	63	760	208										
Cobalt	29	27	1,300	7,800	4,072	6,800	1	20,000	0						
Copper	29	29	6,200	501,000	47,097	32,000	3	100,000	2	50,000	3	38,900	3	55,700	2
Cyanide	29	3	330	2,700	1,127									236,500	0
Dibenz(a,h)anthracene	17	1	110	110	110										
Dibenzofuran	17	6	19	230	90										
Fluoranthene	17	9	59	1,500	260										
Fluorene	17	1	74	74	74					30,000	0				
Indeno(1,2,3-cd)pyrene	17	3	21	420	174										
Iron	29	29	7,030,000	34,800,000	16,847,241	12,000,000	20								
Isophorone	17	1	210	210	210										
Lead	29	29	3,590	64,500	21,982	21,000	10	50,000	2	500,000	0	940	29	29,300	7
Magnesium	29	29	1,130,000	13,200,000	4,885,345										
Manganese	29	29	61,100	7,840,000	1,385,503	440,000	15	500,000	15			825,000	12	322,000	19
Mercury (total)	29	23	15	160	48	130	2	300	0	100	2	370	0	4,760	0
Methylene chloride	17	11	2.7	300	58									21,400	0
Naphthalene	17	7	48	880	302										
Nickel	29	27	7,510	21,300	13,645	20,000	3	30,000	0	200,000	0	64,080	0	146,520	0

See Notes on Page 3.

TABLE 5-3

CONSTITUENTS DETECTED IN SOIL
ECOLOGICAL ASSESSMENT DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	Detection Summary					Screening Summary									
			Min	Max	Average	MI Background		Phytotox[a]		Earthworm[b]		Avian[c]		Mammal[d]	
Analyte	Analyzed	Detected	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	Exceed.	(ug/kg)	Exceed.	(ug/kg)	Exceed.	(ug/kg)	Exceed.	(ug/kg)	Exceed.
Surface Soils															
Phenanthrene	17	9	78	640	281										
Phenol	17	3	32	1,600	591			70,000	0	30,000	0				
Polychlorinated biphenyls	2	1	1,600	1,600	1,600			40,000	0						
Potassium	29	28	368,000	2,310,000	1,152,786										
Pyrene	17	6	57	1,200	291										
Selenium	28	24	330	2,100	1,022	410	22	1,000	10	70,000	0	414	22	733	17
Silver	28	3	190	550	370	1,000	0	2,000	0						
Sodium	29	10	111,000	548,000	267,200										
Thallium	29	12	550	5,900	2,018			1,000	10					27	12
Trichloroethene	17	1	3.9	3.9	3.9									1,387	0
Vanadium	29	29	4,800	28,600	16,658			2,000	29			9,439	27	714	29
Zinc	29	29	16,500	432,000	76,574	47,000	12	50,000	12	200,000	2	12,000	29	586,100	0
Total PAH	17	12	64	7,769	1,538										
Total PCB	29	19	28	3,300	535			40,000	0						
Subsurface Soils															
Aluminum	14	14	3,490,000	27,900,000	10,266,429	6,900,000	6	50,000	14			90,800	14	3,825	14
Antimony	14	5	536	1,800	1,351			5,000	0					248	5
Aroclor 1248	14	5	130	3,500	870			40,000 [f]	0					71	5
Aroclor 1254	14	6	25	570	196			40,000 [f]	0			149	2	111	2
Aroclor 1260	14	4	36	190	90			40,000 [f]	0						
Arsenic	14	14	1,300	6,900	3,379	5,800	2	10,000	0	60,000	0	4,300	4	250	14
Barium	14	14	9,600	199,000	68,586	75,000	5	500,000	0			17,200	13	19,700	13
Benz(a)anthracene	2	1	55	55	55										
Benzo(a)pyrene	2	1	84	84	84									1,980	0
Benzo(b)fluoranthene	2	1	96	96	96										
Benzo(ghi)perylene	2	1	53	53	53										
Cadmium	14	12	120	1,300	694	1,200	1	4,000	0	20,000	0	1,200	1	3,533	0
Calcium	14	14	2,490,000	163,000,000	49,292,143										
Chromium	14	14	3,900	324,000	75,243	18,000	10	1,000	14	400	14	830	14	12,010	12
Chrysene	2	1	72	72	72										
Cobalt	14	12	1,100	5,100	2,600	6,800	0	20,000	0						
Copper	14	13	5,600	32,100	16,577	32,000	1	100,000	0	50,000	0	38,900	0	55,700	0
Iron	14	14	4,710,000	40,200,000	19,022,857	12,000,000	8								
Lead	14	14	2,600	120,000	22,714	21,000	4	50,000	1	500,000	0	940	14	29,300	3
Magnesium	14	14	588,000	10,900,000	3,936,071										
Manganese	14	14	156,000	32,600,000	6,853,714	440,000	9	500,000	9			825,000	9	322,000	11
Mercury (total)	14	6	11	80	40	130	0	300	0	100	0	370	0	4,760	0
Nickel	14	11	3,500	25,400	12,082	20,000	2	30,000	0	200,000	0	64,080	0	146,520	0
Potassium	14	14	356,000	2,850,000	1,262,786										
Pyrene	2	1	100	100	100										

See Notes on Page 3.

TABLE 5-3

CONSTITUENTS DETECTED IN SOIL
ECOLOGICAL ASSESSMENT DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	Detection Summary					Screening Summary									
			Min	Max	Average	MI Background		Phytotox[a]		Earthworm[b]		Avian[c]		Mammal[d]	
Analyte	Analyzed	Detected	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	Exceed.	(ug/kg)	Exceed.	(ug/kg)	Exceed.	(ug/kg)	Exceed.	(ug/kg)	Exceed.
Surface Soils															
Selenium	14	10	360	2,900	1,220	410	9	1,000	4	70,000	0	414	9	733	6
Silver	14	7	180	1,300	450	1,000	1	2,000	0						
Sodium	14	2	1,640,000	2,380,000	2,010,000										
Thallium	14	2	590	3,300	1,945			1,000	1					27	2
Vanadium	14	14	4,400	41,400	18,086			2,000	14			9,439	8	714	14
Zinc	14	9	12,000	78,200	37,322	47,000	3	50,000	3	200,000	0	12,000	8	586,100	0
Total PAH	2	1	460	460	460										
Total PCB	14	12	25	3,599	490			40,000	0						

Notes:

[a] From Efroymson et al. (1997a).

[b] From Efroymson et al. (1997b).

[c] Avian value is dietary concentration for American robin (Sample et al. 1996).

[d] Mammalian value is dietary concentration for short-tailed shrew (Sample et al. 1996).

[e] Value is for 1,2 isomer.

[f] Total PCB screening value.

TABLE 5-4

CONSTITUENTS DETECTED IN SURFACE SEDIMENT
ECOLOGICAL ASSESSMENT DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	Detection Summary					Screening Summary	
			Min	Max	Average	NEC[a]	
Analyte	Analyzed	Detected	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	Exceed.
1,2-Dichloroethene isomers (total)	30	1	5.1	5.1	5.1		
1,4-Dichlorobenzene	31	1	4.1	4.1	4.1		
2,3,7,8-TCDD TEQ	1	1	0.0185	0.0185	0.0185		
2,3,7,8-Tetrachlorodibenzo-p-dioxin	1	1	0.0019	0.0019	0.0019		
2,4-Dimethylphenol	32	9	350	3,200	1,134		
2-Butanone	32	20	5.4	94	26.6		
2-Hexanone	29	5	71	110	92.6		
2-Methylnaphthalene	32	23	65	13,000	3,253		
2-Methylphenol	32	10	91	3,500	1,080		
3-Methylphenol	1	1	460	460	460		
4-Methyl-2-pentanone	30	1	100	100	100		
4-Methylphenol	32	8	80	1,400	653		
Acenaphthene	32	4	100	540	341		
Acetone	32	24	3	610	108		
Acetophenone	2	2	330	5,400	2,865		
Aluminum	31	31	1,160,000	19,200,000	10,758,065	73,000,000	0
Anthracene	32	17	27	1,250	392	2,000	0
Antimony	32	16	357	33,100	2,893		
Aroclor 1248	32	1	330	330	330		
Aroclor 1254	32	3	36	490	305		
Aroclor 1260	32	2	17	320	169		
Arsenic	32	32	845	14,000	6,365	100,000	0
Barium	32	32	11,000	129,000	76,475		
Benz[a]anthracene	32	11	36	4,100	490	3,000	1
Benzene	32	5	8.4	36	17.7		
Benzo[a]pyrene	32	11	26	5,800	659	1,000	1
Benzo[b]fluoranthene	32	12	41	7,100	786	4,000	1
Benzo[ghi]perylene	32	8	23	3,250	505	1,200	1
Benzo[k]fluoranthene	32	5	50	2,700	631	4,000	0
Beryllium	32	12	822	1,700	1,213		
bis[2-Ethylhexyl]phthalate	32	12	32	290	136		
Bromomethane	31	2	8.8	10	9.4		
Cadmium	32	27	57.7	2,630	875	8,000	0
Calcium	31	31	1,350,000	59,300,000	20,585,806		
Carbazole	31	2	310	630	470		
Chlorobenzene	29	1	1.2	1.2	1.2		
Chloroethane	31	2	8.8	10	9.4		
Chloromethane	31	3	5.8	10	8.2		
Chromium	32	32	2,870	127,500	29,915	95,000	1
Chrysene	32	16	43	4,750	492	3,000	1
Cobalt	32	8	1,700	11,100	5,734		
Copper	32	32	2,690	1,155,000	71,166	580,000	1
Cyanide	30	7	270	3,500	1,001		
Di-n-butyl phthalate	32	12	52	7,600	2,148		
Dibenz[a,h]anthracene	32	1	850	850	850	870	0
Dibenzofuran	32	20	44	3,000	852		
Diethyl phthalate	32	1	760	760	760		
Ethylbenzene	30	1	4.4	4.4	4.4		
Fluoranthene	32	21	59	8,050	973	10,000	0
Fluorene	32	10	47	1,500	669	3,000	0
Indeno[1,2,3-cd]pyrene	32	4	57	3,300	922	770	1
Iron	31	31	2,360,000	72,100,000	28,436,452	290,000,000	0
Isophorone	32	2	400	555	478		
Lead	32	32	2,150	241,000	52,392	130,000	4
Magnesium	31	31	755,000	18,900,000	7,269,677		
Manganese	31	31	39,400	4,140,000	707,665	4,500,000	0
Mercury (total)	32	10	15	258	94		
Methylene chloride	31	3	23	1,600	570		
Naphthalene	32	22	100	12,000	3,125	1,400	12
Nickel	32	32	2,990	33,200	20,053	43,000	0

[a] From Ingersoll et al. (1996).

TABLE 5-4

CONSTITUENTS DETECTED IN SURFACE SEDIMENT
ECOLOGICAL ASSESSMENT DATA

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

	Detection Summary					Screening Summary	
			Min	Max	Average	NEC[a]	
Analyte	Analyzed	Detected	(ug/kg)	(ug/kg)	(ug/kg)	(ug/kg)	Exceed.
Phenanthrene	32	25	81	6,700	1,792	20,000	0
Phenol	32	12	99	5,100	1,154		
Polychlorinated biphenyls	26	3	320	490	380	190	3
Potassium	31	19	426,000	2,990,000	1,454,921		
Pyrene	32	23	30	6,800	603	9,000	0
Selenium	32	8	560	4,600	1,805		
Silver	32	1	11,750	11,750	11,750		
Sodium	31	8	166,000	1,110,000	543,000		
Thallium	32	5	1,200	3,690	2,038		
Toluene	32	3	8.4	19	12.8		
Total hexachlorodibenzo-p-dioxins	1	1	0.0405	0.0405	0.0405		
Total hexachlorodibenzofurans	1	1	0.029	0.029	0.029		
Total pentachlorodibenzofurans	1	1	0.104	0.104	0.104		
Total tetrachlorodibenzo-p-dioxins	1	1	0.0175	0.0175	0.0175		
Total tetrachlorodibenzofurans	1	1	0.505	0.505	0.505		
Vanadium	32	32	3,480	38,200	15,660		
Xylene isomers (total)	31	2	6.6	19	12.8		
Zinc	32	32	7,690	4,950,000	1,152,811	1,300,000	11
Total PAH	32	27	30	54,160	10,336	62,000	0
Total PCB	32	6	17	490	264	190	4

[a] From Ingersoll et al. (1996).

Generic Table Notes

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GENERIC NOTES

SMI PLANT PROPERTY, GREEN POINT LANDFILL, AND DRUM REMEDIATION AREA
REMEDIAL INVESTIGATION

General Notes:

All concentrations in micrograms per liter (ug/L) or micrograms per kilogram (ug/kg); equivalent to parts per billion (ppb), unless otherwise noted.
Detections are shown in bold.
Data which have not been BBL QA/QC reviewed is shown in italics.
Criteria exceedences are shaded. Where two criteria were used (e.g., soil data tables), exceedences of the lower criteria are underlined.
NA = Sample was not analyzed for the listed constituent.
SMI = Saginaw Malleable Iron Plant Property
GPL = Green Point Landfill
DRA = Drum Remediation Area

MW = Permanent monitoring wells (Note: 97 indicates the well was installed in 1997, 98 indicates the well was installed in 1998).
TW = Temporary monitoring wells (Note: 97 indicates the well was installed in 1997, 98 indicates the well was installed in 1998).
WT = Water table monitoring wells.
S1 = Well screened at base of sand unit.

Sample Type:

FS = Primary field sample.
FS (N) = Primary field sample, unfiltered.
FS (LNAPL) = Primary field sample, collected through LNAPL.
DUP = Duplicate field sample.

Generic MDEQ Criteria Values:

GSI = Groundwater/Surface Water Interaction criteria, updated June 2000.
IDW = Industrial Drinking Water criteria, updated June 2000.
RDW = Residential Drinking Water criteria, updated June 2000.
IDC = Industrial Direct Contact criteria, updated June 2000.
RDC = Residential Direct Contact criteria, updated June 2000.
IDWP = Soil Criteria Protective of Industrial Drinking Water, updated June 2000.
RDWP = Soil Criteria Protective of Residential Drinking Water, updated June 2000.

Data Qualifiers:

B = (Organic) The compound has been found in the sample as well as its associated blank, its presence in the sample may be suspect. (Inorganic) The analyte has been positively identified. The concentration is between the instrument detection limit and the required reporting limit.
D = Concentration is based on a diluted sample analysis.
E = The compound was quantitated above the calibration range.
G = Elevated reporting limit due to matrix interference.
J = The compound/constituent was positively identified; however, the associated numerical value is an estimated concentration only.
N = Tentative identification.
R = The sample results are rejected.
U = The compound/constituent was analyzed for but not detected. The associated value is the compound/constituent quantitation limit.
UJ = The compound/constituent was not detected above the reported sample quantitation limit. However, the reported limit is approximate and may or may not represent the actual limit of quantitation.
ND = Not detected.
< = The compound/constituent was not detected at or above the associated value.

MDEQ Criteria Qualifiers:

ID = *Inadequate data* to develop criterion.
IP = Development of generic GSI value *in process*. This notation is used for those hazardous substances on the Rule 57 Water Quality Values table where the NLS (no literature search) notation is indicated for one or more of the endpoints required for development of a generic GSI. Additional work needed to address these endpoints may either be underway, or not yet initiated by the Surface Water Quality Division.
NA = Criterion or value is *not available* or, as is the case for Csat, *not applicable*.
NLL = Hazardous substance is *not likely to leach* under most soil conditions.
NLV = Hazardous substance is *not likely to volatilize* under most conditions.
{A} = Criterion is the State of Michigan Drinking Water Standard established pursuant to Section 5 of the Safe Drinking Water Act, Act No. 399 of the Public Acts of 1976.
{B} = Background, as defined in Rule 299.5701(c), may be substituted if higher than the calculated cleanup criteria. Background levels may not exceed criteria for all inorganic compounds.
{C} = Value presented is a screening level based on the chemical-specific generic soil saturation concentration (Csat) since the calculated risk-based criterion is greater than Csat. Concentrations greater than Csat are acceptable cleanup criteria for this pathway where a site-specific demonstration indicates that free-phase contaminant is not present. Consult the Generic Soil Saturation Concentrations: Technical Support Document (August 31, 1998) for further guidance on development of site-specific Csat values. Risk-based criteria are available by contacting an ERD toxicologist.

MDEQ Criteria Qualifiers (Cont'd.):

{D} = Calculated criterion exceeds 100%, hence it is reduced to 100% (i.e., 1.0E+9 ppb). Evaluation of free phase contaminant, environmental impacts, adverse aesthetics and acute or local toxicity is required.

{E} = Criterion is the aesthetic drinking water value, as required by Sec. 20120(1)(5). A Notice of Aesthetic Impact may be employed as an institutional control mechanism where groundwater concentrations exceed the aesthetic DWC, but do not exceed the applicable health-based DWC. Health-based DWC are provided in the table below.

Hazardous Substance	CAS #	Residential Health-Based DWC	Industrial-Commercial Health-Based DWC
Aluminum	7429905	300	4,100
Chloride	16887006	ID	ID
Copper	7440508	1,400	4,000
Diethyl ether	60297	3,700	10,000
Ethylbenzene	100414	700	700
Iron	7439896	2,000	5,600
Manganese	7439965	860	2,500
Methyl-tert-butyl ether (MTBE)	1634044	240	690
Sulfate	14808798	ID	ID
Toluene	108883	1,000	1,000
1,2,4-Trimethylbenzene	95636	1,000	2,900
1,3,5-Trimethylbenzene	108678	1,000	2,900
Xylenes	1330207	10,000	10,000

{F} = Criterion is based on adverse impacts to plant life (i.e., phytotoxicity).

{G} = GSI criterion is pH or water hardness dependent. The Final Chronic Value (FCV) for the protection of aquatic life must be calculated based on the pH or hardness of the receiving surface water. Where water hardness exceeds 400 mg $CaCO_3$/L, use 400 mg $CaCO_3$/L for the FCV calculation. The FCV formula provides values in units of ug/L (ppb). The generic GSI criterion is the lesser of the calculated FCV, the wildlife value (WV) and the surface water human non-drinking water value (HNDV). The soil GSI protection criteria for these hazardous substances are the greater of the 20 X GSI and the GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote.

Hazardous Substance	FCV Formula ug/L	FCV Conversion Factor (CF)	WV ug/L	HNDV ug/L
Barium[X]	EXP(1.0629*(LnH)+1.1869)	NA	NA	1.6E+5
Beryllium	EXP(2.5279*(LnH)-10.7689)	NA	NA	1,200
Cadmium[X]	(EXP(0.7852*(LnH)-2.715))*CF	1.101672-((LnH)*0.04184)	NA	130
Chromium (III)[X]	(EXP(0.819*(LnH)+0.6848))*CF	0.86	NA	9,400
Copper	(EXP(0.8545*(LnH)-1.702))*CF	0.96	NA	64,000
Lead[X]	(EXP(1.273*(LnH)-3.296))*CF	1.46203-((LnH)*0.14571)	NA	190
Manganese	EXP(0.8784*(LnH)+2.226)	NA	NA	59,000
Nickel	(EXP(0.846*(LnH)+0.0584))*CF	0.997	NA	2.1E+5
Pentachlorophenol[X]	EXP(1.005*(pH)-5.134)	NA	NA	2.8
Zinc	(EXP(0.8473*(LnH)+0.884))*CF	0.986	NA	22,000

Where,

EXP(x) = The base of the natural logarithm raised to power x (e^x).
LnH = The natural logarithm of water hardness in mg $CaCO_3$/L.
SS = Total suspended solids in mg/L.
* = The multiplication symbol.
X = The GSI criterion developed here may not be protective for surface water that is used as a drinking water source. Refer to footnote {X} for further guidance.

A spreadsheet that may be used to calculate GSI and GSI PC for {G} footnoted hazardous substances is available at http://www.deq.state.mi.us/erd.

{H} = Valence-specific chromium data (Cr III and Cr VI) must be compared to the corresponding valence-specific cleanup criteria. If both Cr III and Cr VI are present in groundwater, the total concentration of both cannot exceed the DWC of 100 ug/l. If analytical data are provided for "total" chromium only, then values for Cr VI must be applied as the cleanup criteria. Cr III cleanup criterion for protection of drinking water can only be used at sites where groundwater is prevented from being used as a public water supply, currently and in the future.

MDEQ Criteria Qualifiers (Cont'd.):

{I} = Hazardous substance may exhibit the characteristic of ignitability as defined in 40 CFR 261.21.

{J} = Hazardous substance may be present in several isomer forms. Isomer-specific concentrations must be added together for comparison to criteria.

{K} = Hazardous substance may be flammable and/or explosive.

{L} = Reserved

{M} = Calculated criterion is below the analytical Target Detection Limit (TDL), therefore, the criterion defaults to the TDL.

{N} = The concentrations of all potential sources of nitrate-nitrogen (e.g., ammonia-N, nitrite-N, nitrate-N) in groundwater used as a source of drinking water must not, when added together, exceed the nitrate DWC of 10,000 ug/L. Where leaching to groundwater is a relevant pathway, soil concentrations of all potential sources of nitrate-nitrogen must not, when added together, exceed the nitrate DWPC of 2.0E+5 ug/Kg.

{O} = All polychlorinated and polybrominated dibenzodioxins and dibenzofurans are considered as one hazardous substance. The concentration of all isomers present at a facility, expressed as an equivalent concentration of 2,3,7,8-tetrachlorodibenzo-p-dioxin based upon their relative potency, must be added together and compared to the criteria for 2,3,7,8-tetrachlorodibenzo-p-dioxin. The generic criteria revisions have not been incorporated into the criteria for 2,3,7,8-tetrachlorodibenzo-p-dioxin, therefore the criteria listed is the same as shown in the May 28, 1999 criteria tables.

{P} = Amenable or Method OIA-1677 analysis is used to quantify cyanide concentrations for compliance with all groundwater criteria. Total, amenable, or Method OIA-1677 analysis may be used to quantify cyanide concentrations for compliance with soil criteria. Industrial/ commercial DCC may not be protective of the potential for release of hydrogen cyanide (HCN) gas. Additional land use restrictions may be necessary to protect for the acute inhalation concerns associated with HCN.

{Q} = Criteria for carcinogenic polycyclic aromatic hydrocarbons (PAHs) were developed using "relative potential potencies" (RPPs) to benzo(a)pyrene.

{R} = Hazardous substance may exhibit the characteristic of reactivity as defined in 40 CFR 261.23.

{S} = Criterion defaults to the chemical-specific water solubility limit.

{T} = Refer to the Toxic Substances Control Act (TSCA), 40 CFR 761, Subparts D and G, as amended, to determine the applicability of TSCA cleanup standards. Alternatives to compliance with the standards listed below are possible under Subpart D. New releases may be subject to the standards identified in Subpart G. Use Part 201 soil direct contact criteria in the table below where TSCA standards are not applicable.

Land Use Category	TSCA, Subpart D	Part 201
Residential & Commercial I	1,000 ppb, or 10,000 ppb if capped	4,000 ppb
Industrial & Commercial II	1,000 ppb, or 10,000 ppb if capped	20,000 ppb
Commercial III	1,000 ppb, or 10,000 ppb if capped	62,000 ppb
Commercial IV	1,000 ppb, or 10,000 ppb if capped	32,000 ppb

{U} = Hazardous substance may exhibit the characteristic of corrosivity as defined in 40 CFR 261.22.

{V} = Criterion is the aesthetic drinking water value (secondary maximum contaminant level), as required by Sec. 20120(a)(5). Higher concentrations (up to 200 ug/L) may be acceptable on a case-by-case basis.

{W} = Concentrations of trihalomethanes in groundwater must be added together to determine compliance with the State of Michigan Drinking Water Standard of 100 ug/L. Concentrations of trihalomethanes in soil must be added together to determine compliance with the DWPC of 2,000 ug/kg.

{X} = The GSI criterion shown is not protective for surface water that is used as a drinking water source. For groundwater discharges to the Great Lakes and their connecting waters or discharges in close proximity to water supply intake(s) in inland surface waters, the generic GSI criterion is the Surface Water Human Drinking Water Value (HDV) listed in the table below except for those HDV indicted with an asterisk. For HDV with an asterisk, the generic GSI criterion is the lesser of the HDV, the WV and the calculated FCV (see formulas in footnote {G}). Soil protection criteria based on the HDV are listed below except for those values with an asterisk. Soil GSI protection criteria for compounds with an asterisk are the greater of the 20 X GSI and GSI soil-water partition values using the GSI criteria developed with the procedure described in this footnote.

Hazardous Substance	Chemical Abstract Service Number	Surface Water Human Drinking Water Values (HDV) (ug/L)	Soil GSI Protection Criteria for HDV (ug/Kg)
Acrylonitrile	107131	0.87	17
Alachlor	15972608	3.5	70
Arsenic	7440382	50	16,000

Hazardous Substance	Chemical Abstract Service Number	Surface Water Human Drinking Water Values (HDV) (ug/L)	Soil GSI Protection Criteria for HDV (ug/Kg)
Atrazine	1912249	4.3	86
Barium	7440393	1,900*	*
Benzene	71432	12	240
Butyl benzyl phthalate	85687	6.9	1,300
Cadmium	7440439	2.5*	*
Carbon tetrachloride	56235	5.6	110
Chloride	16887006	50,000	1.0E+6
Chloroform	67663	77	1,500
Chromium (III)	16065831	120*	*
Cyanazine	21725462	10 {M}	200
3,3'-Dichlorobenzidine	91941	0.3 {M}	500
1,2-Dichloroethane	107062	6	120
1,1-Dichloroethylene	75354	24	480
1,2-Dichloropropane	78875	9.1	180
N,N-Dimethylacetamide	127195	700	14,000
1,4-Dioxane	123911	34	680
Ethylene glycol	107211	56,000	1.1E+6
Hexachloroethane	67721	5.3	1,500
Isophorone	78591	310	6,200
Lead	7439921	14*	*
Methyl-tert-butyl ether (MTBE)	1634044	120	2,400
Methylene chloride	75092	47	940
Molybdenum	7439987	120	2,400
Nitrobenzene	98953	4.7	94
Pentachlorophenol	87865	1.8*	*
1,2,4,5-Tetrachlorobenzene	95943	2.8	3,300
1,1,2,2-Tetrachloroethane	79345	3.2	64
Tetrachloroethylene	127184	11	220
Tetrahydrofuran	109999	350	7,000
Thallium	7440280	1.2	910
1,1,2-Trichloroethane	79005	12	240
Trichloroethylene	79016	29	580

{Y} = Source size modifiers for Soil Inhalation Criteria (SIC) for Ambient Air. Consult the Technical Support Document (TSD) for the SIC if further guidance is needed.

Source Size sq. feet or acres	Modifier
400 sq feet	3.17
1000 sq feet	2.2
2000 sq feet	1.76
1/2 acre	1
1 acre	0.87
5 acre	0.66
10 acre	0.6
32 acre	0.5
100 acre	0.43

{Z} = The current TDL for mercury is 0.2 ppb; however, a TDL of 5.0E-4 using USEPA Method 1631, will be required after September 30, 2000.

{AA} = Filtered groundwater samples must be collected for appropriate comparison to the GCC, since these hazardous substances are likely to be absorbed to particulates rather than dissolved in water.

{AB} = The state drinking water standard for asbestos is in units of fibers per milliliter of water (f/mL) longer than 10 millimicrons. Soil concentrations of asbestos are determined by polarized light microscopy (PLM).

{AC} = The GSI criteria for unionized ammonia are 29 ug/L and 53 ug/L for coldwater and warmwater streams, respectively. The unionized ammonia concentration for comparison to the GSI is calculated from the measured total ammonia concentration based on pH and temperature for the receiving surface water and the discharge plume. The soil GSI PC are 580 ug/Kg and 1,100 ug/Kg for coldwater and warmwater streams, respectively.

{AD} = Hazardous substance causes developmental effects. Residential and Commercial I DCC are protective of both prenatal and postnatal exposure. Industrial and Commercial II, III and IV DCC are protective for an adult pregnant receptor.

{AE} = The following are applicable generic GSI criteria as allowed for under Sec. 20120a(15).

Hazardous Substance	GSI (ug/L)	Notes
Phosphorous	1,000	If the discharge is to an inland lake or a surface water with a designated phosphorus waste load allocation, consult the ERD Field Operation Section for further guidance.
Total dissolved solids (TDS)	5.00E+05	If TDS data are not available, the TDS criterion may be used as a screening level for the sum of the concentrations of the following substances: Calcium, Chlorides, Iron, Magnesium, Potassium, Sodium, Sulfate.
Dissolved Oxygen (DO): Cold receiving waters Warm receiving waters	 >=7000 >=5,000	DO criteria are not applicable if groundwater Carmonaceous Biochemical Oxygen Demand (CBOD) is less than 10,000 ug/L and groundwater ammonia concentration is less than 2,000 ug/L. Consult the ERD Field Operation Section for further guidance if needed.

{ }* = Site-specific background value has been used as the constituent criteria value.