

DOCUMENTATION OF ENVIRONMENTAL INDICATOR DETERMINATION

Interim Final 2/5/99

RCRA Corrective Action
Environmental Indicator (EI) RCRIS code (CA750)

Migration of Contaminated Groundwater Under Control

Facility Name: THOMPSON LANDFILL
Facility Address: PASAY ROAD, THOMPSON, CT 06255
Facility EPA ID #: CTD000769729

1. Has all available relevant/significant information on known and reasonably suspected releases to the groundwater media, subject to RCRA Corrective Action (e.g., from Solid Waste Management Units (SWMU), Regulated Units (RU), and Areas of Concern (AOC)), been **considered** in this EI determination?

Y If yes - check here and continue with #2 below.

- If no - re-evaluate existing data, or

- if data are not available, skip to #8 and enter "IN" (more information needed) status code.

BACKGROUND

Definition of Environmental Indicators (for the RCRA Corrective Action)

Environmental Indicators (EI) are measures being used by the RCRA Corrective Action program to go beyond programmatic activity measures (e.g., reports received and approved, etc.) to track changes in the quality of the environment. The two EI developed to-date indicate the quality of the environment in relation to current human exposures to contamination and the migration of contaminated groundwater. An EI for non-human (ecological) receptors is intended to be developed in the future.

Definition of "Migration of Contaminated Groundwater Under Control" EI

A positive "Migration of Contaminated Groundwater Under Control" EI determination ("YE" status code) indicates that the migration of "contaminated" groundwater has stabilized, and that monitoring will be conducted to confirm that contaminated groundwater remains within the original "area of contaminated groundwater" (for all groundwater "contamination" subject to RCRA corrective action at or from the identified facility (i.e., site-wide)).

Relationship of EI to Final Remedies

While Final remedies remain the long-term objective of the RCRA Corrective Action program the EI are near-term objectives which are currently being used as Program measures for the Government Performance and Results Act of 1993, GPRA). The "Migration of Contaminated Groundwater Under Control" EI pertains ONLY to the physical migration (i.e., further spread) of contaminated ground water and contaminants within groundwater (e.g., non-aqueous phase liquids or NAPLs). Achieving this EI does not substitute for achieving other stabilization or final remedy requirements and expectations associated with sources of contamination and the need to restore, wherever practicable, contaminated groundwater to be suitable for its designated current and future uses.

Duration / Applicability of EI Determinations

EI Determinations status codes should remain in RCRIS national database ONLY as long as they remain true (i.e., RCRIS status codes must be changed when the regulatory authorities become aware of contrary information).

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2. Is **groundwater** known or reasonably suspected to be "**contaminated**"¹ above appropriately protective "levels" (i.e., applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action, anywhere at, or from, the facility?

Y If yes - continue after identifying key contaminants, citing appropriate "levels," and referencing supporting documentation.

- If no - skip to #8 and enter "YE" status code, after citing appropriate "levels," and referencing supporting documentation to demonstrate that groundwater is not "contaminated."

- If unknown - skip to #8 and enter "IN" status code.

Rationale and Reference(s):

PLEASE SEE ATTACHED DOCUMENTATION OF EI DETERMINATION

Footnotes:

¹"Contamination" and "contaminated" describes media containing contaminants (in any form, NAPL and/or dissolved, vapors, or solids, that are subject to RCRA) in concentrations in excess of appropriate "levels" (appropriate for the protection of the groundwater resource and its beneficial uses).

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3. Has the **migration** of contaminated groundwater **stabilized** (such that contaminated groundwater is expected to remain within "existing area of contaminated groundwater"² as defined by the monitoring locations designated at the time of this determination)?

Y If yes - continue, after presenting or referencing the physical evidence (e.g., groundwater sampling/measurement/migration barrier data) and rationale why contaminated groundwater is expected to remain within the (horizontal or vertical) dimensions of the "existing area of groundwater contamination"².

— If no (contaminated groundwater is observed or expected to migrate beyond the designated locations defining the "existing area of groundwater contamination"²) - skip to #8 and enter "NO" status code, after providing an explanation.

— If unknown - skip to #8 and enter "IN" status code.

Rationale and Reference(s):

PLEASE ATTACHED DOCUMENTATION OF EI DETERMINATION

² "existing area of contaminated groundwater" is an area (with horizontal and vertical dimensions) that has been verifiably demonstrated to contain all relevant groundwater contamination for this determination, and is defined by designated (monitoring) locations proximate to the outer perimeter of "contamination" that can and will be sampled/tested in the future to physically verify that all "contaminated" groundwater remains within this area, and that the further migration of "contaminated" groundwater is not occurring. Reasonable allowances in the proximity of the monitoring locations are permissible to incorporate formal remedy decisions (i.e., including public participation) allowing a limited area for natural attenuation.

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4. Does "contaminated" groundwater **discharge** into **surface water** bodies?

- Y If yes - continue after identifying potentially affected surface water bodies.
- If no - skip to #7 (and enter a "YE" status code in #8, if #7 = yes) after providing an explanation and/or referencing documentation supporting that groundwater "contamination" does not enter surface water bodies.
- If unknown - skip to #8 and enter "IN" status code.

Rationale and Reference(s):

Contaminated groundwater from the landfill discharges into the dug pond and the south stream which discharges into Baptist Brook.

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5. Is the **discharge** of "contaminated" groundwater into surface water likely to be "**insignificant**" (i.e., the maximum concentration³ of each contaminant discharging into surface water is less than 10 times their appropriate groundwater "level," and there are no other conditions (e.g., the nature, and number, of discharging contaminants, or environmental setting), which significantly increase the potential for unacceptable impacts to surface water, sediments, or eco-systems at these concentrations)?

Y If yes - skip to #7 (and enter "YE" status code in #8 if #7 = yes), after documenting: 1) the maximum known or reasonably suspected concentration³ of key contaminants discharged above their groundwater "level," the value of the appropriate "level(s)," and if there is evidence that the concentrations are increasing; and 2) provide a statement of professional judgement/explanation (or reference documentation) supporting that the discharge of groundwater contaminants into the surface water is not anticipated to have unacceptable impacts to the receiving surface water, sediments, or eco-system.

— If no - (the discharge of "contaminated" groundwater into surface water is potentially significant) - continue after documenting: 1) the maximum known or reasonably suspected concentration³ of each contaminant discharged above its groundwater "level," the value of the appropriate "level(s)," and if there is evidence that the concentrations are increasing; and 2) for any contaminants discharging into surface water in concentrations³ greater than 100 times their appropriate groundwater "levels," the estimated total amount (mass in kg/yr) of each of these contaminants that are being discharged (loaded) into the surface water body (at the time of the determination), and identify if there is evidence that the amount of discharging contaminants is increasing.

— If unknown - enter "IN" status code in #8.

Rationale and Reference(s):

PLEASE SEE ATTACHED DOCUMENTATION OF EI DETERMINATION

³ As measured in groundwater prior to entry to the groundwater-surface water/sediment interaction (e.g., hyporheic) zone.

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6. Can the **discharge** of "contaminated" groundwater into surface water be shown to be "**currently acceptable**" (i.e., not cause impacts to surface water, sediments or eco-systems that should not be allowed to continue until a final remedy decision can be made and implemented⁴)?

- If yes - continue after either: 1) identifying the Final Remedy decision incorporating these conditions, or other site-specific criteria (developed for the protection of the site's surface water, sediments, and eco-systems), and referencing supporting documentation demonstrating that these criteria are not exceeded by the discharging groundwater; OR 2) providing or referencing an interim-assessment,⁵ appropriate to the potential for impact, that shows the discharge of groundwater contaminants into the surface water is (in the opinion of a trained specialists, including ecologist) adequately protective of receiving surface water, sediments, and eco-systems, until such time when a full assessment and final remedy decision can be made. Factors which should be considered in the interim-assessment (where appropriate to help identify the impact associated with discharging groundwater) include: surface water body size, flow, use/classification/habitats and contaminant loading limits, other sources of surface water/sediment contamination, surface water and sediment sample results and comparisons to available and appropriate surface water and sediment "levels," as well as any other factors, such as effects on ecological receptors (e.g., via bio-assays/benthic surveys or site-specific ecological Risk Assessments), that the overseeing regulatory agency would deem appropriate for making the EI determination.
- If no - (the discharge of "contaminated" groundwater can not be shown to be "**currently acceptable**") - skip to #8 and enter "NO" status code, after documenting the currently unacceptable impacts to the surface water body, sediments, and/or eco-systems.
- If unknown - skip to 8 and enter "IN" status code.

Rationale and Reference(s):

⁴ Note, because areas of inflowing groundwater can be critical habitats (e.g., nurseries or thermal refugia) for many species, appropriate specialist (e.g., ecologist) should be included in management decisions that could eliminate these areas by significantly altering or reversing groundwater flow pathways near surface water bodies.

⁵ The understanding of the impacts of contaminated groundwater discharges into surface water bodies is a rapidly developing field and reviewers are encouraged to look to the latest guidance for the appropriate methods and scale of demonstration to be reasonably certain that discharges are not causing currently unacceptable impacts to the surface waters, sediments or eco-systems.

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7. Will groundwater **monitoring** / measurement data (and surface water/sediment/ecological data, as necessary) be collected in the future to verify that contaminated groundwater has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area of contaminated groundwater?"

Y If yes - continue after providing or citing documentation for planned activities or future sampling/measurement events. Specifically identify the well/measurement locations which will be tested in the future to verify the expectation (identified in #3) that groundwater contamination will not be migrating horizontally (or vertically, as necessary) beyond the "existing area of groundwater contamination."

— If no - enter "NO" status code in #8.

— If unknown - enter "IN" status code in #8.

Rationale and Reference(s):

PLEASE SEE ATTACHED DOCUMENTATION OF EI DETERMINATION

DOCUMENTATION OF ENVIRONMENTAL INDICATORS DETERMINATION

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AUG 24 2001

Migration of Contaminant Groundwater Under Control

DEP-WASTE MANAGEMENT BUREAU
SITE ENGINEERING & ENFORCEMENT

2. Is groundwater known or reasonably suspected to be "contaminated" above appropriately protective levels (i.e. applicable promulgated standards, as well as other appropriate standards, guidelines, guidance, or criteria) from releases subject to RCRA Corrective Action, anywhere at, or from, the facility? **YES**

Groundwater proximal to the Thompson Sanitary Landfill is known to be contaminated above Connecticut Department of Public Health and Addiction Services Standards and the CT DEP Remediation Standards. This has been documented in over fourteen (14) years of groundwater monitoring at the site. Initial groundwater monitoring wells were installed in 1986. Detection phase monitoring wells were installed in the late 1980's and a series of assessment phase monitoring wells were installed in the mid 1990's. Currently, a total of five (5) bedrock monitoring wells, three (3) residential bedrock wells, one residential dug well, eight (8) overburden wells, one (1) spring and five (5) surface water sampling locations are monitored twice a year, in April and October. See attached map with sampling locations.

The landfill is located on a topographic rise and a small pond (dug pond)/wetland complex is located on the northwesterly side of the landfill. Based on historical aerial photography, this wetland appears to be the headwaters to a stream (stream south) which flows southeasterly and under the landfill through a ravine. According to town personnel, the stream was piped as the area began receiving refuse and the ravine was filled in.

The areas of highest contaminant concentration have been identified proximal to dug pond on the northwesterly side of the landfill and stream south as it emanates from the southeasterly toe of the landfill.

NORTHWESTERLY PLUME

Monitoring locations in this area include bedrock well BW-102, overburden wells OW-202, OW-021A, OW-206, and PZ-011 (VOCs only), and surface water location - Dug Pond.

Bedrock well BW-102 and overburden well OW-202 are paired wells located northerly of the sludge lagoon and northwesterly of the landfill. They are also in close proximity to what is believed to be the flow path for stream south under the

landfill. **BW-102** has consistently had exceedences for sodium (high of 39 ppm), iron (high of 2.2 ppm), and manganese (high of 0.37 ppm) over the last three years. **Overburden well OW-202** results for these constituents were very similar. Neither well had any metal or VOC detections.

Overburden well OW-021A which is located upgradient of Dug Pond, had groundwater results similar to those of BW-102 and OW- 202, however, several metals were detected at low concentrations. Cobalt was detected four times (ranging from 0.0084 to 0.046 ppm) and zinc (0.014 ppm), nickel (0.029 ppm) and tin (0.057 ppm) were detected once over the last three years. Radiation levels of 140(+50) pCi/l for gross alpha and 180(+40)pCi/l for gross beta were reported in this well. These levels were above the standards for gross alpha (15 pCi/l) and gross beta (50pCi/l).

Piezometer, PZ-011 is located approximately five feet from Dug Pond and is only sampled for VOCs. The three listed VOCs were detected in PZ-011 in all six monitoring periods between 1998 and 2000 and the RSR standards for PCE and TCE were exceeded in every quarter except the most recent one (October 2000).

Cis-1,2-dichloroethylene (stnd. 70 ppb) high of 40 ppb in Oct '98
to a low of 16 ppb in Oct '00.

Tetrachloroethylene (PCE)– (stnd. 5 ppb) high of 27 ppb Oct '99
to a low of 2.7 ppb in Oct '00.

Trichloroethylene (TCE)– (stnd. 5 ppb) high of 16 in Oct '98
to a low of 2.2 ppb in Oct '00.

Overburden well OW-206 which is located northerly and westerly of the landfill and the operating transfer/recycling operation, had no exceedences or VOC detections over the last three years, but it did have three zinc detections (ranging from 0.014 to 0.11 ppm).

SOUTHEASTERLY PLUME

The stream (stream south) was visually identified as the primary leachate plume. It emanates from the southeasterly toe of the landfill and the stream bed is discolored with precipitate from iron bacteria. Surface water (**stream south #1**) and groundwater samples (**OW-13A**) collected in this area typically contain levels of iron, manganese, sodium, nitrate-nitrogen, and total dissolved solids which exceed the standards. Low levels of VOC's have also been detected in well OW-013A. Benzene (4ppb) was the only VOC which exceeded the RSR's in October of 2000. Other VOC's detected in well OW-013A were chlorobenzene (12 ppb), 1,2-dichlorobenzene (1ppb), 1,4-dichlorobenzene (3.4 ppb), and MTBE (1.8 ppb). Gross beta levels [79 (+6) pCi/l]in this well exceeded the standard of 50 pCi/l, however,

this was not as high as the levels in the well 021A located upgradient and on the other side of the landfill.

Two paired wells, **bedrock well (BW-103)** and **overburden well (OW-203)** are located downgradient of well OW-013A and stream south #1. Both wells have had detections which have exceeded standards for iron, manganese, sodium and total dissolved solids. VOC detections in BW-103 were limited to benzene (0.58 ppb) and chlorobenzene (1.1 ppb) in October of 2000. VOCs were not detected in OW-203 in either April or October of 2000.

Very low levels of zinc were detected in two of the three wells located southeasterly of the landfill, OW-013A (0.014 ppm) and BW-103 (0.010 ppm) in October of 2000. These concentrations were well below the RSR standard of 5 ppm.

- 3. Has the migration of the contaminated groundwater stabilized (such that contaminated groundwater is expected to remain within the "existing area of contaminated groundwater" as defined by the monitoring locations designated at the time of this determination? YES**

The sanitary landfill was closed and capped in the early 1990's and the metal hydroxide sludge lagoon was closed and capped in the late 1990's. The current monitoring network has identified the areas of greatest concern, i.e. the southeasterly and northwesterly plumes. It has also defined the outer limits of the contamination as well as possible given the steep slopes and shallow bedrock conditions which characterize the site. Baptist Brook defines the easterly and southerly boundaries of the contamination. Over the last three years, Spring 1, which discharges into Baptist Brook and well OW-025 adjacent to Baptist Brook have not had any exceedences over the RSR's, no heavy metal detections and low level sodium (3.2-4.6 ppm), iron (ND-0.53 ppm), manganese (ND-0.30 ppm) and barium (ND-0.014 ppm).

Bedrock well BW-101 is defined as an upgradient well although given the landfill's location on a topographic rise, BW-101 is not considered a true upgradient well. It is the western most monitoring location and over the last three years, exceedences were limited to iron (0.11 to 4.4 ppm), manganese (0.20 to 4.3 ppm) and sodium (47 to 66 ppm). No VOCs have been detected in this well over the last three years and metal detections were limited to one cobalt detection (0.0024 ppm) and two zinc detections (0.015 & 0.026 ppm).

The presence of contaminants southerly of the site and their apparent dilution/natural attenuation moving down stream south has been described in #2. Additional wells southerly of the site include the residential wells- one dug well: 131 Pasay Road (cabin), and two bedrock wells: 131 Pasay Road (house) and 165 Pasay Road. Over the last three years these wells have had no exceedences except for a manganese

exceedence (0.072 ppm) at 131 Pasay Road (house) in October 1999. There were no VOC detections except for 1.1 ppb toluene in 131 Pasay Road (house) in April 1998.

The remaining residential well, 10 Stawicki Road, is located northerly of the landfill and has had three exceedences over the last three years. Two were for sodium (35 & 44 ppm) and the other was for manganese (0.063 ppm). Elevated sodium levels have been reported for this well in the past and may be attributed to the use of road sweepings for landscaping in the front yard of the residence.

The current monitoring plan has been in place since 1997 and no modifications are scheduled at this time.

4. Does “contaminated” groundwater discharge into surface water bodies?
YES

Contaminated groundwater from the landfill discharges into dug pond and stream south which ultimately discharges into Baptist Brook. Baptist Brook is located easterly of the landfill and flows southerly into a large ponded area southerly of the landfill. This pond is due to a water control structure downstream. Stream south flows into Baptist Brook on the upstream side of the ponded area.

5. Is the discharge of “contaminated” groundwater into the surface water likely to be insignificant (i.e., the maximum concentration of each contaminant discharging into the water is less than ten times their appropriate groundwater “level” and there are no other conditions (e.g., the nature, and number of discharging contaminants, or environmental setting), which significantly increase the potential for unacceptable impacts to surface water, sediments, or eco-system at these concentrations. YES

Based on the last three years of data for stream south #2, only three constituents exceeded the RSR's and all were substantially less than ten times their appropriate groundwater level. They were as follows:

Nitrate-nitrogen – ranging from 1.8 – 20 ppm (stnd = 10 ppm)
Manganese – ranging from nondetected to 0.089 (stnd = 0.05 ppm)
Sodium – ranging from 31 to 52 ppm (stnd = 28 ppm)

Stream South #2 is located downstream of Stream South #1 and downgradient of BW-103, OW-203 and OW-013A.

Baptist Brook #3 is located at the confluence of Stream South and Baptist Brook. Over the last three years, the only constituents which exceeded the RSR's were iron (highest level 0.53 ppm) and manganese (highest level 0.027 ppm).

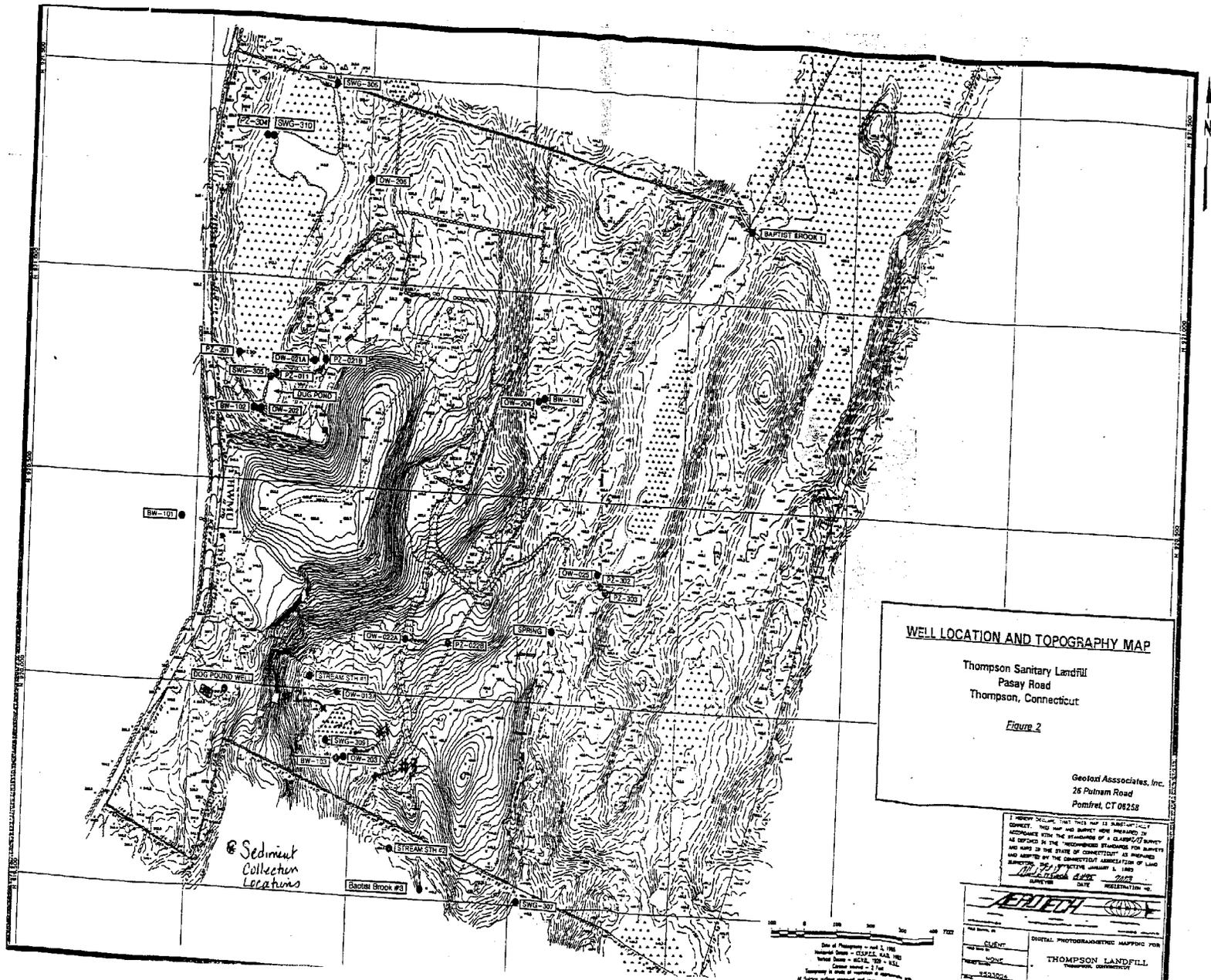
Three sediment samples were collected from Stream South between sampling locations stream south #1 and stream south #2 on May 8, 2001. The stream bed has a rocky/cobbly substrate. The samples were collected within the top six inches of the sediment profile. The samples were analyzed for a suite of metals since metals from the sludge lagoon are of the greatest concern and have the greatest potential to be adsorbed in the organic matter contained in the sediment. When compared to the direct soil exposure criteria for residential conditions, none of the samples exceeded the available standards. Iron and manganese were reported in high concentrations, however, RSRs are not available for these two constituents. See attached laboratory report for sediment results.

The impacts of landfill leachate on flora and fauna on the landfill property has not been performed.

6. Not applicable

7. Will groundwater monitoring /measurement data (and surface water/sediment/ecological data, as necessary) be collected in the future to verify that contaminated groundwater has remained within the horizontal (or vertical, as necessary) dimensions of the "existing area of contaminated groundwater?"

YES see attached table Groundwater Monitoring Program – Parameter List and Sampling Frequency.



WELL LOCATION AND TOPOGRAPHY MAP

Thompson Sanitary Landfill
 Pasay Road
 Thompson, Connecticut

Figure 2

Geotek Associates, Inc.
 26 Putnam Road
 Pomfret, CT 06258

I HEREBY CERTIFY THAT THIS MAP IS AN ACCURATE REPRESENTATION OF THE SURVEY DATA PROVIDED TO ME AND THAT I AM A LICENSED PROFESSIONAL SURVEYOR IN THE STATE OF CONNECTICUT AS REQUIRED AND LIMITED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS. THE EFFECTIVE DATE IS 1982.

DATE: 10/15/82
 SURVEYOR: [Signature]
 DATE: [Blank]
 REGISTRATION NO.: [Blank]

EDTECH

DATE OF PHOTOGRAPHY: July 1, 1982
 ORIGINAL SCALE: 1" = 400' (AS SHOWN)
 PHOTO SCALE: 1" = 400' (AS SHOWN)
 DISTANCE FROM PHOTO TO MAP: 1" = 400'

CLIENT: THOMPSON LANDFILL
 PROJECT NO.: THOMPSON, CONNECTICUT
 TITLE: TOPOGRAPHY

DIGITAL PHOTOGRAMMETRIC MAPPING FOR

⊙ Sediment Collection Locations



Premier
Laboratory, LLC

Route 205, The Regional Building
PO Box 700
Brooklyn, Connecticut 06234
FAX: 860-774-2689
860-774-6814 800-932-1150

ANALYTICAL DATA REPORT

Report Number: E105401
Project: Residential Thompson Landfill

prepared for:

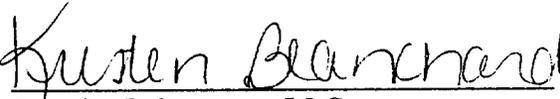
Geotoxi
P.O. Box 213
Pomfret, CT 06258

Attn: Sarah Heminway

Received Date: 5/8/2001
Report Date: 5/17/2001

*received
5/21/01*

Copies Sent to:
Town of Thompson
Thompson Town Hall
North Grosvenordale, CT 06255


Premier Laboratory, LLC
Authorized Signature

Connecticut Department of Health Services PH-0465
Maine Department of Environmental Protection CT050
Massachusetts Department of Environmental Quality M-CT008
New Hampshire Department of Environmental Services 2020
New York Department of Health 11549
Rhode Island Department of Health 180

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2, CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 2000

PARAMETER	UNITS	DETECTION LIMIT 4/00	CT DOPH&S STANDARD	CT DEP REMEDIATION CRITERIA	April 4/12/00 BW-101	April 4/12/00 BW-102	April 4/12/00 OW-202	April 4/12/00 BW-103	April 4/12/00 OW-203	April 4/12/00 BW-104	April 4/12/00 OW-204	April 4/12/00 OW-206	April 4/12/00 OW-013A
FIELD													
Total Well Depth					44.70	21.05	18.13	40.9	9.30	45.45	12.90	9.91	14.4
Water Elevation	FAMSL				535.27	515.29	516.44	454.92	453.66	477.86	479.21	516.48	461.61
Depth to water from PVC	Feet				14.41	5.21	5.73	3.14	5.41	8.61	4.55	5.41	5.97
pH	Units				5.7	4.7	5.8	7.1	6.9	6	6.1	4.4	5.1
Temperature	Deg. C				8.4	9.6	9.1	10.4	9.1	8.5	9.5	8.2	9.4
Specific Conductivity @ 25 C	uS/cm				1700	246	238	2450	153	1130	732	116.8	2930
LABORATORY													
Ammonia Nitrogen	mg/l	0.02-0.8	NS	NS	ND	88							
Chloride	mg/l	2.0	250 (a)	NS	95	66	67	77	8.3	15	26	31	93
Cyanide	mg/l	0.02-0.2	0.2	0.2	ND								
Nitrate Nitrogen	mg/l	0.10-1.0	10.0	NS	0.13	1.1	1.2	ND	ND	ND	1.9	ND	13
TDS	mg/l	1.0	500 (a)	NS	250	160	160	680	130	370	500	85	590
Sulfate	mg/l	1.0	250 (a)	NS	2.2	8.2	15	30	15	10	38	ND	3.1
Lead	mg/l	0.0020	0.015	0.015	ND								
Arsenic	mg/l	0.010	0.05	0.05	ND								
Barium	mg/l	0.010	2.0	1.0	0.048	0.11	0.071	0.08	0.021	0.033	0.038	0.03	0.30
Chromium	mg/l	0.010	0.1	0.05	ND								
Copper	mg/l	0.010	1.3	1.3	ND	0.024							
Iron	mg/l	0.050-0.25	0.3 (a)	NS	4.4	1.6	ND	0.25	1.6	ND	ND	ND	0.25
Manganese	mg/l	0.010	0.05 (a)	NS	4.3	0.21	0.04	2.1	0.35	0.11	ND	0.018	1.8
Sodium	mg/l	1.0	28 (a)	NS	48	33	31	54	8.9	7.4	14	14	93
Zinc	mg/l	0.010	5 (a)	5	0.026	ND	ND	ND	ND	ND	ND	0.016	ND
Nickel	mg/l	0.010	0.1	0.1	ND	ND	ND	0.026	ND	ND	ND	ND	0.023
Cobalt	mg/l	0.0020	NS	NS	ND	ND	ND	ND	0.0087	ND	ND	ND	0.0079
Tin	mg/l	0.050	NS	NS	ND								
Cadmium	mg/l	0.0020	0.005	0.005	ND								
Mercury	mg/l	0.00020	0.002	0.002	ND								
Radium 226	pCi/l	N/A	5(b)	NS	NM								
Radium 228	pCi/l	N/A	5(b)	NS	NM								
Gross Alpha (a)	pCi/l	N/A	15	NS	NM								
Gross Beta (a)	pCi/l	N/A	50	NS	NM								

(a) CT DOPH&S secondary drinking water standard
(b) Standard for Ra 226 and Ra 228 is 5 pCi/l combined
FAMSL: Feet above mean sea level
mg/l: Milligrams per liter
N/A: Not applicable

ND: Not detected
NM: Not measured
pCi/l: Picocuries per liter
TDS: Total dissolved solids

SHADE Equals or exceeds CT DOPH&S Standard
BOLD Equals or exceeds CT DEP Remediation Criteria

Continued...

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2, CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 2000

PARAMETER	UNITS	DETECTION LIMIT 4/00	CT DOPH&S STANDARD	CT DEP REMEDIATION CRITERIA	April 4/12/00 OW-021A	April 4/12/00 OW-022A	April 4/12/00 OW-025	April 4/12/00 Dog Pound	April 4/12/00 Spring 1	April 4/12/00 Baptist Brook #1	April 4/12/00 Baptist Brook #3	April 4/12/00 Stream South #1	April 4/12/00 Stream South #2	April 4/12/00 Dug Pond
FIELD														
Total Well Depth					10.55	10.4	10.01							
Water Elevation	FAMSL				515.93	476.83	446.54	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Depth to water from PVC	Feet				3.91	5.30	2.69	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH	Units				5.80	5.20	7.10	6.40	4.20	6.00	7.80	6.00	6.90	6.50
Temperature	Deg. C				8.5	9.7	8.5	9.0	8.5	9.0	10.5	10.7	10.3	9.0
Specific Conductivity @ 25 C	uS/cm				138	1920	94.4	492	181	40.2	47.1	1055	1870	273
LABORATORY														
Ammonia Nitrogen	mg/l	0.02-0.8	NS	NS	0.088	28	0.067	ND	ND	ND	ND	ND	0.6	0.035
Chloride	mg/l	2.0	250 (a)	NS	7.4	17	4.6	130	5.3	6.2	5.4	58	38	57
Cyanide	mg/l	0.02-0.2	0.2	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrate Nitrogen	mg/l	0.10-1.0	10.0	NS	0.11	10	ND	0.96	0.28	ND	ND	8	14	0.36
TDS	mg/l	1.0	500 (a)	NS	120	250	120	270	140	55	45	520	340	180
Sulfate	mg/l	1.0	250 (a)	NS	32	18.0	21	13	21	ND	ND	19	33	8.5
Lead	mg/l	0.0020	0.015	0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	mg/l	0.010	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	mg/l	0.010	2.0	1.0	0.031	0.13	0.013	0.16	0.023	ND	ND	0.15	0.06	0.035
Chromium	mg/l	0.010	0.1	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	mg/l	0.010	1.3	1.3	ND	0.021	ND	0.035	ND	ND	ND	ND	ND	ND
Iron	mg/l	0.050-0.25	0.3 (a)	NS	0.72	ND	0.063	ND	ND	0.063	0.06	1.1	ND	0.23
Manganese	mg/l	0.010	0.05 (a)	NS	0.25	1.3	0.023	0.17	ND	ND	ND	2.7	0.055	0.17
Sodium	mg/l	1.0	28 (a)	NS	14	17	3.4	82	7.2	3.5	3.3	47	31	35
Zinc	mg/l	0.010	5 (a)	5	0.014	ND	ND	0.047	ND	0.011	ND	0.075	ND	0.024
Nickel	mg/l	0.010	0.1	0.1	ND	0.017	ND	ND	ND	ND	ND	0.038	ND	ND
Cobalt	mg/l	0.0020	NS	NS	0.014	0.0085	ND	ND	ND	ND	ND	ND	ND	ND
Tin	mg/l	0.050	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	mg/l	0.0020	0.005	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mercury	mg/l	0.00020	0.002	0.002	ND	ND	ND	ND	ND	ND	ND	ND	ND	0.0008
Radium 226	pCi/l	N/A	5(b)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Radium 228	pCi/l	N/A	5(b)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Gross Alpha (a)	pCi/l	N/A	15	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Gross Beta (a)	pCi/l	N/A	50	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

(a) CT DOPH&S secondary drinking water standard
(b) Standard for Ra 226 and Ra 228 is 5 pCi/l combined
FAMSL: Feet above mean sea level
mg/l: Milligrams per liter
N/A: Not applicable

ND: Not detected
NM: Not measured
pCi/l: Picocuries per liter
TDS: Total dissolved solids

SHADE Equals or exceeds CT DOPH&S Standard
BOLD Equals or exceeds CT DEP Remediation Criteria

Continued...

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2, CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 2000

PARAMETER	UNITS	DETECTION LIMIT 4/00	CT DOPH&S STANDARD	CT DEP REMEDIATION CRITERIA	April 4/12/00 165 Pasay Road	April 4/12/00 10 Stawicki Road	April 4/12/00 131 Pasay Rd. (house)	April 4/12/00 131 Pasay Rd. (cabin)	April 4/12/00 Trip Blank	April 4/12/00 Trip Blank	April 4/12/00 Equipment Blank	April 4/12/00 PZ-011	April 4/12/00 PZ-021B	April 4/12/00 PZ-022B
FIELD														
Total Well Depth												8.05		
Water Elevation	FAMSL				N/A	N/A	N/A	N/A	N/A	N/A	N/A	513.09	516.98	465.80
Depth to water from PVC	Feet				N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.79	5.90	9.02
pH	Units				7.00	6.1	6.1	6.3	N/A	N/A	N/A	5.4	N/A	N/A
Temperature	Deg. C				10.0	10.0	10	7.5	N/A	N/A	N/A	8.2	N/A	N/A
Specific Conductivity @ 25 C	uS/cm				243	1560	48.4	99.6	N/A	N/A	N/A	2360	N/A	N/A
LABORATORY														
Ammonia Nitrogen	mg/l	0.02-0.8	NS	NS	ND	ND	ND	ND	NM	ND	ND	NM	NM	NM
Chloride	mg/l	2.0	250 (a)	NS	24	85	4.2	3	NM	ND	ND	NM	NM	NM
Cyanide	mg/l	0.02-0.2	0.2	0.2	ND	ND	ND	ND	NM	ND	ND	NM	NM	NM
Nitrate Nitrogen	mg/l	0.10-1.0	10.0	NS	1.1	0.64	0.30	ND	NM	ND	ND	NM	NM	NM
TDS	mg/l	1.0	500 (a)	NS	190	190	52	34	NM	ND	17	NM	NM	NM
Sulfate	mg/l	1.0	250 (a)	NS	16	10	12	4.9	NM	ND	ND	NM	NM	NM
Lead	mg/l	0.0020	0.015	0.015	ND	0.0069	ND	ND	NM	ND	ND	NM	NM	NM
Arsenic	mg/l	0.010	0.05	0.05	ND	ND	ND	ND	NM	ND	ND	NM	NM	NM
Barium	mg/l	0.010	2.0	1.0	0.012	0.051	0.025	ND	NM	ND	ND	NM	NM	NM
Chromium	mg/l	0.010	0.1	0.05	ND	ND	ND	ND	NM	ND	ND	NM	NM	NM
Copper	mg/l	0.010	1.3	1.3	0.019	0.091	0.21	0.032	NM	ND	ND	NM	NM	NM
Iron	mg/l	0.050-0.25	0.3 (a)	NS	ND	ND	ND	ND	NM	ND	ND	NM	NM	NM
Manganese	mg/l	0.010	0.05 (a)	NS	ND	0.063	0.034	ND	NM	ND	ND	NM	NM	NM
Sodium	mg/l	1.0	28 (a)	NS	7.9	44	4.6	2.6	NM	ND	ND	NM	NM	NM
Zinc	mg/l	0.010	5 (a)	5	ND	0.028	0.063	0.031	NM	ND	ND	NM	NM	NM
Nickel	mg/l	0.010	0.1	0.1	ND	ND	ND	ND	NM	ND	ND	NM	NM	NM
Cobalt	mg/l	0.0020	NS	NS	ND	ND	ND	ND	NM	ND	ND	NM	NM	NM
Tin	mg/l	0.050	NS	NS	ND	ND	0.07	ND	NM	ND	ND	NM	NM	NM
Cadmium	mg/l	0.0020	0.005	0.005	ND	ND	ND	ND	NM	ND	ND	NM	NM	NM
Mercury	mg/l	0.00020	0.002	0.002	ND	ND	ND	ND	NM	ND	ND	NM	NM	NM
Radium 226	pCi/l	N/A	5(b)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Radium 228	pCi/l	N/A	5(b)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Gross Alpha (a)	pCi/l	N/A	15	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Gross Beta (a)	pCi/l	N/A	50	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

(a) CT DOPH&S secondary drinking water standard
(b) Standard for Ra 226 and Ra 228 is 5 pCi/l combined
FAMSL: Feet above mean sea level
mg/l: Milligrams per liter
N/A: Not applicable

ND: Not detected
NM: Not measured
pCi/l: Picocuries per liter
TDS: Total dissolved solids

SHADE Equals or exceeds CT DOPH&S Standard
BOLD Equals or exceeds CT DEP Remediation Criteria

Continued...

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2, CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 2000

PARAMETER	UNITS	DETECTION LIMIT 4/00	CT DOPH&S STANDARD	CT DEP REMEDIAION CRITERIA	April 4/12/00 PZ-301	April 4/12/00 PZ-302 (inside)	April 4/12/00 PZ-302 (outside)	April 4/12/00 PZ-303	April 4/12/00 PZ-304	April 4/12/00 SWG-305	April 4/12/00 SWG-306	April 4/12/00 SWG-307	April 4/12/00 SWG-309	April 4/12/00 SWG-310
FIELD														
Total Well Depth														
Water Elevation	FAMSL				512.69	NM	446.32	446.16	521.09	512.85	513.22	414.72	NM	513.55
Depth to water from PVC	Feet				2.38	NM	3.16	2.5	1.79	1.33	0.67	2.37	NM	2.33
pH	Units				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Temperature	Deg. C				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Specific Conductivity @ 25 C	uS/cm				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LABORATORY														
Ammonia Nitrogen	mg/l	0.02-0.8	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Chloride	mg/l	2.0	250 (a)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Cyanide	mg/l	0.02-0.2	0.2	0.2	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Nitrate Nitrogen	mg/l	0.10-1.0	10.0	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
TDS	mg/l	1.0	500 (a)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Sulfate	mg/l	1.0	250 (a)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Lead	mg/l	0.0020	0.015	0.015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Arsenic	mg/l	0.010	0.05	0.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barium	mg/l	0.010	2.0	1.0	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Chromium	mg/l	0.010	0.1	0.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Copper	mg/l	0.010	1.3	1.3	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Iron	mg/l	0.050-0.25	0.3 (a)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Manganese	mg/l	0.010	0.05 (a)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Sodium	mg/l	1.0	28 (a)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Zinc	mg/l	0.010	5 (a)	5	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Nickel	mg/l	0.010	0.1	0.1	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Cobalt	mg/l	0.0020	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Tin	mg/l	0.050	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Cadmium	mg/l	0.0020	0.005	0.005	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Mercury	mg/l	0.00020	0.002	0.002	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Radium 226	pCi/l	N/A	5(b)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Radium 228	pCi/l	N/A	5(b)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Gross Alpha (a)	pCi/l	N/A	15	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Gross Beta (a)	pCi/l	N/A	50	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

(a) CT DOPH&S secondary drinking water standard
(b) Standard for Ra 226 and Ra 228 is 5 pCi/l combined
FAMSL: Feet above mean sea level
mg/l: Milligrams per liter
N/A: Not applicable

ND: Not detected
NM: Not measured
pCi/l: Picocuries per liter
TDS: Total dissolved solids

Continued...

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2, CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 2000

SWA-846 METHOD 8015 NON HALOGENATED VOLATILE COMPOUNDS					April 4/12/00 BW-101	April 4/12/00 BW-102	April 4/12/00 OW-202	April 4/12/00 BW-103	April 4/12/00 OW-203	April 4/12/00 BW-104	April 4/12/00 OW-204	April 4/12/00 OW-206	April 4/21/00 OW-013A
PARAMETER	UNITS	DETECTION LIMIT	CT DOPH&S STANDARD	CT DEP REMEDIAION CRITERIA									
Diethyl Ether	ug/l	10	NS	NS	ND	13							
Ethanol	ug/l	100	26000	NS	ND								
2-Butanone (MEK)	ug/l	10	1000	400	ND								
4-Methyl-2-pentanone (MIBK)	ug/l	10	NS	350	ND								

PARAMETER	UNITS	DETECTION LIMIT	CT DOPH&S STANDARD	CT DEP REMEDIAION CRITERIA	April 4/12/00 OW-021A	April 4/12/00 OW-022A	April 4/12/00 OW-025	April 4/12/00 Dog Pound	April 4/12/00 Spring 1	April 4/12/00 Baptist Brook #1	April 4/12/00 Baptist Brook #3	April 4/12/00 Stream South #1	April 4/12/00 Stream South #2
Diethyl Ether	ug/l	10	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethanol	ug/l	100	26000	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Butanone (MEK)	ug/l	10	1000	400	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	ug/l	10	NS	350	ND	ND	ND	ND	ND	ND	ND	ND	ND

PARAMETER	UNITS	DETECTION LIMIT	CT DOPH&S STANDARD	CT DEP REMEDIAION CRITERIA	April 4/12/00 Dug Pond	April 4/12/00 165 Pasay Road	April 4/12/00 10 Stawicki Road	April 4/12/00 131 Pasay Rd. (house)	April 4/12/00 131 Pasay Rd. (cabin)	April 4/12/00 PZ-011	April 4/12/00 Trip Blank	April 4/12/00 Trip Blank	April 4/12/00 Equipment Blank
Diethyl Ether	ug/l	10	NS	NS	ND	ND	ND	ND	ND	NM	ND	ND	ND
Ethanol	ug/l	100	26000	NS	ND	ND	ND	ND	ND	NM	ND	ND	ND
2-Butanone (MEK)	ug/l	10	1000	400	ND	ND	ND	ND	ND	NM	ND	ND	ND
4-Methyl-2-pentanone (MIBK)	ug/l	10	NS	350	ND	ND	ND	ND	ND	NM	ND	ND	ND

ug/l: Micrograms per liter
ND: Not detected
NM: Not measured
NS: No standard

SHADE Equals or exceeds CT DOPH&S Standard
BOLD Equals or exceeds CT DEP Remediation Criteria

Continued...

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2, CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 2000

EPA METHOD 8021 HALOGENATED VOLATILE ORGANICS				April 4/12/00	April 4/12/00	April 4/12/00	April 4/12/00	April 4/12/00	April 4/12/00	April 4/12/00	April 4/12/00	April 4/21/00	
PARAMETER	UNITS	DETECTION LIMIT 4/00	CT DOPH&S STANDARD	CT DEP REMEDIATION CRITERIA	BW-101	BW-102	OW-202	BW-103	OW-203	BW-104	OW-204	OW-206	OW-013A
Benzene	ug/l	0.50	5	1	ND	2.4							
Bromobenzene	ug/l	0.50	NS	NS	ND	ND							
Bromochloromethane	ug/l	0.50	NS	NS	ND	ND							
Bromodichloromethane	ug/l	0.50	100 (a)	NS	ND	ND							
Bromoform	ug/l	0.50	100 (a)	4	ND	ND							
Bromomethane	ug/l	1.0	NS	NS	ND	ND							
n-Butylbenzene	ug/l	0.50	NS	NS	ND	ND							
sec-Butylbenzene	ug/l	0.50	NS	NS	ND	ND							
tert-butylbenzene	ug/l	0.50	NS	NS	ND	ND							
Carbon Tetrachloride	ug/l	0.50	5	5	ND	ND							
Chlorobenzene	ug/l	0.50	100	100	ND	ND	ND	0.9	ND	ND	ND	ND	7.5
Chloroethane	ug/l	1.0	NS	NS	ND	ND							
2-Chloroethyl Vinyl Ether	ug/l	0.50	NS	NS	ND	ND							
Chloroform	ug/l	0.50	100 (a)	6	ND	ND							
Chloromethane	ug/l	1.0	NS	NS	ND	ND							
2-Chlorotoluene	ug/l	0.50	NS	NS	ND	ND							
4-Chlorotoluene	ug/l	0.50	NS	NS	ND	ND							
DBCP	ug/l	0.50	NS	NS	ND	ND							
Dibromochloromethane	ug/l	0.50	100 (a)	0.5	ND	ND							
EDB	ug/l	0.50	NS	0.05	ND	ND							
Dibromomethane	ug/l	0.50	NS	NS	ND	ND							
1,2-Dichlorobenzene	ug/l	0.50	600	600	ND	ND							
1,3-Dichlorobenzene	ug/l	0.50	NS	600	ND	ND							
1,4-Dichlorobenzene	ug/l	0.50	75	75	ND	1.9							
Dichlorodifluoromethane	ug/l	1.0	NS	NS	ND	ND							
1,1-Dichloroethane	ug/l	0.50	NS	70	ND	ND							
1,2-Dichloroethane	ug/l	0.50	5	1	ND	ND							
1,1-Dichloroethylene	ug/l	0.50	7	7	ND	ND							
Trans-1,2-Dichloroethene	ug/l	0.50	100	100	ND	ND							
Cis-1,2-Dichloroethene	ug/l	0.5	70	70	ND	ND							
1,2-Dichloropropane	ug/l	0.5	5	5	ND	ND							
1,3-Dichloropropane	ug/l	0.50	NS	NS	ND	ND							
2,2-Dichloropropane	ug/l	0.50	NS	NS	ND	ND							
1,1-Dichloropropane	ug/l	0.50	NS	NS	ND	ND							
Cis-1,3-Dichloropropene	ug/l	0.50	NS	NS	ND	ND							
Trans-1,3-Dichloropropene	ug/l	0.50	NS	NS	ND	ND							
Ethylbenzene	ug/l	0.50	700	700	ND	ND							
Hexachlorobutadiene	ug/l	0.50	NS	NS	ND	ND							
Isopropylbenzene	ug/l	0.50	NS	NS	ND	ND							
p-Isopropyltoluene	ug/l	0.50	NS	NS	ND	ND							
MTBE	ug/l	1.0	NS	100	ND	1.3							
Dichloromethane	ug/l	3.0	5	5	ND	ND							
Naphthalene	ug/l	0.50	NS	280	ND	ND							
n-Propylbenzene	ug/l	0.50	NS	NS	ND	ND							
Styrene	ug/l	0.50	110	NS	ND	ND							
1,2,3-Trichloropropane	ug/l	0.50	NS	NS	ND	ND							
1,2,3-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND							
1,1,1,2-Tetrachloroethane	ug/l	0.50	NS	1	ND	ND							
1,1,2,2-Tetrachloroethane	ug/l	0.50	NS	0.5	ND	ND							
Tetrachloroethylene	ug/l	0.50	5	5	ND	ND							
Toluene	ug/l	0.50	1000	1000	ND	ND							
1,2,3-Trichlorobenzene	ug/l	0.50	NS	NS	ND	ND							
1,2,4-Trichlorobenzene	ug/l	0.50	70	NS	ND	ND							
1,1,1-Trichloroethane	ug/l	0.50	200	200	ND	ND							
1,1,2-Trichloroethane	ug/l	0.5	5	5	ND	ND							
Trichloroethylene	ug/l	0.50	5	5	ND	ND							
Trichlorofluoromethane	ug/l	1.0	NS	NS	ND	ND							
1,2,4-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND							
1,3,5-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND							
Vinyl Chloride	ug/l	1.0	2	2	ND	ND							
m,p-Xylenes	ug/l	0.50	10,000 (d)	530(d)	ND	ND							
o-Xylene	ug/l	0.50	10,000 (d)	530(d)	ND	ND							

(a) Total Trihalomethanes standard 100 ug/l
ND - Not Detected
NS - No Standard
NM - Not Measured
ug/l - micrograms per liter

SHADE Equals or exceeds CT DOPH&S Standard
BOLD Equals or exceeds CT DEP Remediation Criteria

Continued...

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2. CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 2000

EPA METHOD 8021 HALOGENATED VOLATILE ORGANICS				April 4/12/00 OW-021A	April 4/12/00 OW-022A	April 4/12/00 OW-025	April 4/12/00 Dog Pound	April 4/12/00 Spring 1	April 4/12/00 Baptist Brook #1	April 4/12/00 Baptist Brook #3	April 4/12/00 Stream South #1	April 4/12/00 Stream South #2	April 4/12/00 Dug Pond
PARAMETER	UNITS	DETECTION LIMIT 400	CT DOPH&S STANDARD	CT DEP REMEDICATION CRITERIA									
Benzene	ug/l	0.50	5	1	ND	2	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/l	0.50	100 (a)	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/l	0.50	100 (a)	4	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/l	1.0	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-butylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/l	0.50	100	100	ND	4.2	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/l	1.0	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl Vinyl Ether	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/l	0.50	100 (a)	6	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/l	1.0	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
DBCP	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/l	0.50	100 (a)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
EDB	ug/l	0.50	NS	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/l	0.50	800	800	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/l	0.50	NS	800	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/l	0.50	75	75	ND	1.9	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/l	1.0	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/l	0.50	NS	70	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/l	0.50	5	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	ug/l	0.50	7	7	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/l	0.50	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/l	0.5	70	70	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/l	0.5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/l	0.50	700	700	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Propyltoluene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	ug/l	1.0	NS	100	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichloromethane	ug/l	3.0	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ug/l	0.50	NS	280	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/l	0.50	110	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/l	0.50	NS	1	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/l	0.50	NS	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/l	0.50	1000	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/l	0.50	70	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/l	0.50	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/l	0.5	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/l	1.0	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ug/l	1.0	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	ug/l	0.50	10,000 (d)	530(d)	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ug/l	0.50	10,000 (d)	530(d)	ND	ND	ND	ND	ND	ND	ND	ND	ND

(a) Total Trihalomethanes standard 100 ug/l
ND - Not Detected
NS - No Standard
NM - Not Measured
ug/l - micrograms per liter

SHADE Equals or exceeds CT DOPH&S Standard
BOLD Equals or exceeds CT DEP Remediation Criteria

Continued..

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2, CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 2000

EPA METHOD 8021 HALOGENATED VOLATILE ORGANICS					April 4/12/00	April 4/12/00	April 4/12/00	April 4/12/00	April 4/12/00	April 4/12/00	April 4/12/00	April 4/12/00
PARAMETER	UNITS	DETECTION LIMIT 4/00	CT DOPH&S STANDARD	CT DEP REMEDIATION CRITERIA	165 Pasay Road	10 Stawicki Road	131 Pasay Rd. (house)	131 Pasay Rd. (cabin)	PZ-011	Trip Blank	Field Blank	Equipment Blank
Benzene	ug/l	0.50	5	1	ND	ND	ND	ND	0.7	ND	ND	ND
Bromobenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/l	0.50	100 (a)	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/l	0.50	100 (a)	4	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/l	1.0	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
tert-butylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/l	0.50	100	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/l	1.0	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl Vinyl Ether	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/l	0.50	100 (a)	6	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/l	1.0	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
DBCP	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/l	0.50	100 (a)	0.5	ND	ND	ND	ND	ND	ND	ND	ND
EDB	ug/l	0.50	NS	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/l	0.50	600	600	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/l	0.50	NS	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/l	0.50	75	75	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/l	1.0	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/l	0.50	NS	70	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/l	0.50	5	1	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	ug/l	0.50	7	7	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/l	0.50	100	100	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethene	ug/l	0.5	70	70	ND	ND	ND	ND	19	ND	ND	ND
1,2-Dichloropropane	ug/l	0.5	5	5	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/l	0.50	700	700	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	ug/l	1.0	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Dichloromethane	ug/l	3.0	5	5	ND	ND	ND	ND	ND	ND	ND	ND
Napthalene	ug/l	0.50	NS	280	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/l	0.50	110	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/l	0.50	NS	1	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/l	0.50	NS	0.5	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	ug/l	0.50	5	5	ND	ND	ND	ND	12	ND	ND	ND
Toluene	ug/l	0.50	1000	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/l	0.50	70	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/l	0.50	200	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/l	0.5	5	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	ug/l	0.50	5	5	ND	ND	ND	ND	6.1	ND	ND	ND
Trichlorofluoromethane	ug/l	1.0	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ug/l	1.0	2	2	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	ug/l	0.50	10,000 (d)	530(d)	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ug/l	0.50	10,000 (d)	530(d)	ND	ND	ND	ND	ND	ND	ND	ND

(a) Total Trihalomethanes standard 100 ug/l
ND - Not Detected
NS - No Standard
NM - Not Measured

SHADE Equals or exceeds CT DOPH&S Standard
BOLD Equals or exceeds CT DEP Remediation Criteria

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2, CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 1999

PARAMETER	UNITS	DETECTION LIMIT 4/99	CT DOPH&S STANDARD	CT DEP REMEDIATION CRITERIA	April 4/7/99 BW-101	April 4/7/99 BW-102	April 4/7/99 OW-202	April 4/7/99 BW-103	April 4/7/99 OW-203	April 4/8/99 BW-104	April 4/8/99 OW-204	April 4/8/99 OW-206	April 4/8/99 OW-013A
FIELD													
Total Well Depth					44.70	21.05	18.13	40.9	9.30	45.45	12.90	9.91	14.4
Water Elevation	FAMSL				533.58	514.52	516.44	454.16	452.89	477.67	477.68	515.44	461.37
Depth to water from PVC	Feet				16.10	5.98	6.23	3.90	5.91	8.80	6.08	6.45	6.21
pH	Units				6.04	5.99	5.64	6.92	6.97	7.41	6.82	6.6	6.7
Temperature	Deg. C				12.5	10.5	10.1	11.0	8.0	10.5	7.5	7.0	7.5
Specific Conductivity @ 25 C	uS/cm				356	230	229	1115	148.4	531	649	130.9	1379
LABORATORY													
Ammonia Nitrogen	mg/l	0.02-0.8	NS	NS	0.17	ND	ND	3.3	ND	ND	ND	ND	130
Chloride	mg/l	2.0	250 (a)	NS	97	53	55	81	9.7	15	ND	23	93
Cyanide	mg/l	0.02-0.2	0.2	0.2	ND								
Nitrate Nitrogen	mg/l	0.10-1.0	10.0	NS	ND	1.6	1.8	ND	0.45	ND	1.2	ND	24
TDS	mg/l	1.0	500 (a)	NS	350	140	150	660	91	410	510	90	710
Sulfate	mg/l	1.0	250 (a)	NS	ND	6.0	9	15	12	180	210	15	30
Lead	mg/l	0.0020	0.015	0.015	ND								
Arsenic	mg/l	0.010	0.05	0.05	ND								
Barium	mg/l	0.010	2.0	1.0	0.037	0.086	0.068	0.09	0.022	0.036	0.032	0.02	0.29
Chromium	mg/l	0.010	0.1	0.05	ND								
Copper	mg/l	0.010	1.3	1.3	ND	0.026							
Iron	mg/l	0.050-0.25	0.3 (a)	NS	1.4	1.4	ND	7.2	1.6	ND	ND	ND	ND
Manganese	mg/l	0.010	0.05 (a)	NS	3	0.23	0.048	1.9	0.027	0.015	ND	0.011	1.1
Sodium	mg/l	1.0	28 (a)	NS	47	28	28	60	7.8	7.1	15	11	92
Zinc	mg/l	0.010	5 (a)	5	ND	0.014	ND						
Nickel	mg/l	0.010	0.1	0.1	ND	ND	ND	0.015	ND	ND	ND	ND	0.019
Cobalt	mg/l	0.0020	NS	NS	0.0024	ND	0.007						
Tin	mg/l	0.050	NS	NS	ND								
Cadmium	mg/l	0.0020	0.005	0.005	ND								
Mercury	mg/l	0.00020	0.002	0.002	NM								
Radium 226	pCi/l	N/A	5(b)	NS	0.52+/-0.5	0.07+/-0.40	0.07+/-0.42	-0.07+/-0.37	0.07+/-0.40	-0.06+/-0.22	0.77+/-0.38	-0.06+/-0.21	0.51+/-0.33
Radium 228	pCi/l	N/A	5(b)	NS	0.66+/-0.94	2.10+/-0.98	1.85+/-0.81	1.91+/-1.10	1.52+/-0.87	1.02+/-0.76	1.12+/-0.68	-0.65+/-0.51	2.59+/-0.86
Gross Alpha (a)	pCi/l	N/A	15	NS	5.99+/-1.49	2.12+/-1.19	1.87+/-0.99	7.30+/-4.77	1.93+/-0.92	1.71+/-0.65	-0.74+/-0.65	-0.32+/-0.38	1.15+/-0.92
Gross Beta (a)	pCi/l	N/A	50	NS	2.76+/-2.14	-0.40+/-1.96	0.24+/-1.59	-4.07+/-7.66	1.38+/-1.69	21.66+/-1.35	12.94+/-0.88	2.22+/-0.58	31.53+/-1.89

(a) CT DOPH&S secondary drinking water standard
(b) Standard for Ra 226 and Ra 228 is 5 pCi/l combined
FAMSL: Feet above mean sea level
mg/l: Milligrams per liter
N/A: Not applicable

ND: Not detected
NM: Not measured
pCi/l: Picocuries per liter
TDS: Total dissolved solids

SHADE Equals or exceeds CT DOPH&S Standard
BOLD Equals or exceeds CT DEP Remediation Criteria

Continued...

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2, CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 1999

PARAMETER	UNITS	DETECTION LIMIT 4/99	CT DOPH&S STANDARD	CT DEP REMEDIATION CRITERIA	April 4/8/99 OW-021A	April 4/8/99 OW-022A	April 4/8/99 OW-025	April 4/7/99 Dog Pound	April 4/8/99 Spring 1	April 4/7/99 Baptist Brook #1	April 4/7/99 Baptist Brook #3	April 4/7/99 Stream South #1	April 4/7/99 Stream South #2	April 4/7/99 Dug Pond
FIELD														
Total Well Depth					10.55	10.4	10.01							
Water Elevation	FAMSL				515.24	475.73	446.28	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Depth to water from PVC	Feet				4.60	6.40	2.95	N/A	N/A	N/A	N/A	N/A	N/A	N/A
pH	Units				6.24	6.62	7.36	5.04	4.20	6.92	7.40	7.43	6.88	6.51
Temperature	Deg. C				6.5	7.5	9.0	11.0	8.5	13.7	NM	14.5	13.0	13.3
Specific Conductivity @ 25 C	uS/cm				207	1021	138.1	238	181	746	68.1	1139	43.9	329
LABORATORY														
Ammonia Nitrogen	mg/l	0.02-0.8	NS	NS	0.096	120	ND	ND	ND	ND	ND	78	16	0.22
Chloride	mg/l	2.0	250 (a)	NS	24	24	6.4	51	4.1	7.3	5.3	7	52	67
Cyanide	mg/l	0.02-0.2	0.2	0.2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Nitrate Nitrogen	mg/l	0.10-1.0	10.0	NS	0.11	12	0.11	4.2	0.22	ND	ND	6.5	18	0.11
TDS	mg/l	1.0	500 (a)	NS	140	450	140	100	150	30	76	500	390	210
Sulfate	mg/l	1.0	250 (a)	NS	31	35	39	13	70	ND	ND	44	38	11
Lead	mg/l	0.0020	0.015	0.015	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Arsenic	mg/l	0.010	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Barium	mg/l	0.010	2.0	1.0	0.033	0.23	0.013	0.075	0.02	ND	ND	0.15	0.074	0.038
Chromium	mg/l	0.010	0.1	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Copper	mg/l	0.010	1.3	1.3	ND	0.028	ND	0.029	ND	ND	ND	0.011	ND	ND
Iron	mg/l	0.050-0.25	0.3 (a)	NS	2.5	ND	ND	ND	ND	0.056	0.052	ND	ND	0.20
Manganese	mg/l	0.010	0.05 (a)	NS	0.24	1.2	0.014	0.15	ND	ND	ND	2.9	0.11	0.11
Sodium	mg/l	1.0	28 (a)	NS	16	31	3.5	35	6.7	3.1	3.4	57	43	37
Zinc	mg/l	0.010	5 (a)	5	ND	ND	ND	0.047	ND	ND	ND	0.02	ND	0.011
Nickel	mg/l	0.010	0.1	0.1	ND	0.025	ND	ND	ND	ND	ND	0.03	ND	ND
Cobalt	mg/l	0.0020	NS	NS	0.0084	0.011	ND	ND	ND	ND	ND	ND	ND	ND
Tin	mg/l	0.050	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cadmium	mg/l	0.0020	0.005	0.005	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Mercury	mg/l	0.00020	0.002	0.002	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Radium 226	pCi/l	N/A	5(b)	NS	-0.06+/-0.21	1.29+/-0.47	0.41+/-0.32	0.34+/-0.43	-0.06+/-0.21	0.22+/-0.37	-0.35+/-0.32	0.36+/-0.46	-0.07+/-0.39	-0.21+/-0.35
Radium 228	pCi/l	N/A	5(b)	NS	0.00+/-0.76	2.52+/-0.96	-0.91+/-0.47	0.06+/-0.69	0.65+/-0.65	0.90+/-0.97	1.43+/-1.09	-0.42+/-0.81	2.31+/-0.92	-0.12+/-0.81
Gross Alpha (a)	pCi/l	N/A	15	NS	0.02+/-0.40	4.59+/-0.81	-0.41+/-0.38	0.81+/-0.90	0.05+/-0.41	1.10+/-0.88	0.63+/-0.85	8.02+/-4.68	1.76+/-2.39	1.66+/-0.97
Gross Beta (a)	pCi/l	N/A	50	NS	7.44+/-0.79	89.78+/-4.97	3.69+/-0.63	-0.68+/-1.50	3.14+/-0.59	2.34+/-1.75	-1.19+/-1.50	44.95+/-11.80	3.10+/-4.05	0.58+/-1.57

(a) CT DOPH&S secondary drinking water standard
(b) Standard for Ra 226 and Ra 228 is 5 pCi/l combined
FAMSL: Feet above mean sea level
mg/l: Milligrams per liter
N/A: Not applicable

ND: Not detected
NM: Not measured
pCi/l: Picocuries per liter
TDS: Total dissolved solids

SHADE Equals or exceeds CT DOPH&S Standard
BOLD Equals or exceeds CT DEP Remediation Criteria

Continued...

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2, CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 1999

PARAMETER	UNITS	DETECTION LIMIT 4/99	CT DOPH&AS STANDARD	CT DEP REMEDIATION CRITERIA	April 4/7/99 165 Pasay Road	April 4/7/99 10 Stawicki Road	April 4/7/99 131 Pasay Rd. (house)	April 4/7/99 131 Pasay Rd. (cabin)	April 4/7/99 Trip Blank	April 4/8/99 Trip Blank	April 4/7/99 Equipment Blank	April 4/8/99 PZ-011	April 4/7/99 PZ-021B	April 4/7/99 PZ-022B
FIELD												8.05		
Total Well Depth												512.96	NM	464.77
Water Elevation	FAMSL				N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.92	NM	10.05
Depth to water from PVC	Feet				N/A	N/A	N/A	N/A	N/A	N/A	N/A	7.4	N/A	N/A
pH	Units				7.03	5.68	5.81	6.02	N/A	N/A	N/A	7.2	N/A	N/A
Temperature	Deg. C				11.0	10.0	10.5	7.0	N/A	N/A	N/A	903	N/A	N/A
Specific Conductivity @ 25 C	uS/cm				273	308	82.9	39.6	N/A	N/A	N/A			
LABORATORY														
Ammonia Nitrogen	mg/l	0.02-0.8	NS	NS	ND	ND	0.93	0.099	ND	ND	ND	NM	NM	NM
Chloride	mg/l	2.0	250 (a)	NS	25	81	6	3	ND	ND	5	NM	NM	NM
Cyanide	mg/l	0.02-0.2	0.2	0.2	ND	ND	ND	ND	ND	ND	ND	NM	NM	NM
Nitrate Nitrogen	mg/l	0.10-1.0	10.0	NS	1	1.8	1.8	0.1	ND	ND	4	NM	NM	NM
TDS	mg/l	1.0	500 (a)	NS	160	160	35	31	ND	ND	ND	NM	NM	NM
Sulfate	mg/l	1.0	250 (a)	NS	18	12	14	4.0	ND	ND	ND	NM	NM	NM
Lead	mg/l	0.0020	0.015	0.015	ND	ND	ND	ND	ND	ND	ND	NM	NM	NM
Arsenic	mg/l	0.010	0.05	0.05	ND	ND	ND	ND	ND	ND	ND	NM	NM	NM
Barium	mg/l	0.010	2.0	1.0	0.014	0.041	0.024	ND	ND	ND	ND	NM	NM	NM
Chromium	mg/l	0.010	0.1	0.05	ND	ND	ND	ND	ND	ND	ND	NM	NM	NM
Copper	mg/l	0.010	1.3	1.3	ND	0.091	0.082	ND	ND	ND	ND	NM	NM	NM
Iron	mg/l	0.050-0.25	0.3 (a)	NS	ND	ND	ND	ND	ND	ND	ND	NM	NM	NM
Manganese	mg/l	0.010	0.05 (a)	NS	ND	0.038	0.04	ND	ND	ND	ND	NM	NM	NM
Sodium	mg/l	1.0	28 (a)	NS	9.8	35	3.6	2	ND	ND	ND	NM	NM	NM
Zinc	mg/l	0.010	5 (a)	5	ND	ND	0.017	0.014	ND	ND	ND	NM	NM	NM
Nickel	mg/l	0.010	0.1	0.1	ND	ND	ND	ND	ND	ND	ND	NM	NM	NM
Cobalt	mg/l	0.0020	NS	NS	ND	ND	ND	ND	ND	ND	ND	NM	NM	NM
Tin	mg/l	0.050	NS	NS	ND	ND	ND	ND	ND	ND	ND	NM	NM	NM
Cadmium	mg/l	0.0020	0.005	0.005	ND	ND	ND	ND	ND	ND	ND	NM	NM	NM
Mercury	mg/l	0.00020	0.002	0.002	NM	NM	NM	NM	ND	ND	NM	NM	NM	NM
Radium 226	pCi/l	N/A	5(b)	NS	0.32+/-0.29	0.19+/-0.38	-0.33+/-0.30	-0.06+/-0.35	-0.07+/-0.36	0.29+/-0.29	-0.32+/-0.29	NM	NM	NM
Radium 228	pCi/l	N/A	5(b)	NS	0.19+/-0.62	0.81+/-0.72	-0.44+/-0.58	-0.34+/-0.56	0.22+/-0.71	-0.01+/-0.52	0.65+/-0.72	NM	NM	NM
Gross Alpha (a)	pCi/l	N/A	15	NS	0.63+/-0.92	1.03+/-0.95	1.37+/-0.86	1.24+/-0.85	0.34+/-0.77	-0.25+/-0.36	1.80+/-0.86	NM	NM	NM
Gross Beta (a)	pCi/l	N/A	50	NS	-0.41+/-1.51	-0.40+/-1.51	-1.16+/-1.48	1.33+/-1.64	0.98+/-1.64	17.32+/-1.28	-0.10+/-1.59	NM	NM	NM

(a) CT DOPH&AS secondary drinking water standard
(b) Standard for Ra 226 and Ra 228 is 5 pCi/l combined
FAMSL: Feet above mean sea level
mg/l: Milligrams per liter
N/A: Not applicable

ND: Not detected
NM: Not measured
pCi/l: Picocuries per liter
TDS: Total dissolved solids

SHADE Equals or exceeds CT DOPH&AS Standard
BOLD Equals or exceeds CT DEP Remediation Criteria

Continued...

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2, CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 1999

PARAMETER	UNITS	DETECTION LIMIT 4/99	CT DOPH&S STANDARD	CT DEP REMEDICATION CRITERIA	April 4/12/00 PZ-301	April 4/12/00 PZ-302 (Inside)	April 4/12/00 PZ-302 (outside)	April 4/12/00 PZ-303	April 4/12/00 PZ-304	April 4/12/00 SWG-305	April 4/12/00 SWG-306	April 4/12/00 SWG-307	April 4/12/00 SWG-309	April 4/12/00 SWG-310
FIELD														
Total Well Depth														
Water Elevation	FAMSL				NM	NM	NM	NM	NM	512.68	NM	NM	NM	NM
Depth to water from PVC	Feet				NM	NM	NM	NM	NM	1.50	NM	NM	NM	NM
pH	Units				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Temperature	Deg. C				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Specific Conductivity @ 25 C	uS/cm				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LABORATORY														
Ammonia Nitrogen	mg/l	0.02-0.8	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Chloride	mg/l	2.0	250 (a)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Cyanide	mg/l	0.02-0.2	0.2	0.2	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Nitrate Nitrogen	mg/l	0.10-1.0	10.0	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
TDS	mg/l	1.0	500 (a)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Sulfate	mg/l	1.0	250 (a)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Lead	mg/l	0.0020	0.015	0.015	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Arsenic	mg/l	0.010	0.05	0.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Barium	mg/l	0.010	2.0	1.0	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Chromium	mg/l	0.010	0.1	0.05	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Copper	mg/l	0.010	1.3	1.3	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Iron	mg/l	0.050-0.25	0.3 (a)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Manganese	mg/l	0.010	0.05 (a)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Sodium	mg/l	1.0	28 (a)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Zinc	mg/l	0.010	5 (a)	5	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Nickel	mg/l	0.010	0.1	0.1	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Cobalt	mg/l	0.0020	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Tin	mg/l	0.050	NS	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Cadmium	mg/l	0.0020	0.005	0.005	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Mercury	mg/l	0.00020	0.002	0.002	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Radium 226	pCi/l	N/A	5(b)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Radium 228	pCi/l	N/A	5(b)	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Gross Alpha (a)	pCi/l	N/A	15	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Gross Beta (a)	pCi/l	N/A	50	NS	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM

(a) CT DOPH&S secondary drinking water standard
(b) Standard for Ra 226 and Ra 228 is 5 pCi/l combined
FAMSL: Feet above mean sea level
mg/l: Milligrams per liter
N/A: Not applicable

ND: Not detected
NM: Not measured
pCi/l: Picocuries per liter
TDS: Total dissolved solids

Continued...

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2, CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 1999

EPA METHOD 8021 HALOGENATED VOLATILE ORGANICS				April 4/7/99	April 4/7/99	April 4/7/99	April 4/7/99	April 4/7/99	April 4/8/99				
PARAMETER	UNITS	DETECTION LIMIT 4/99	CT DOPH&S STANDARD	CT DEP REMEDIATION CRITERIA	BW-101	BW-102	OW-202	BW-103	OW-203	BW-104	OW-204	OW-206	OW-013A
Benzene	ug/l	0.50	5	1	ND	1.1							
Bromobenzene	ug/l	0.50	NS	NS	ND								
Bromochloromethane	ug/l	0.50	NS	NS	ND								
Bromodichloromethane	ug/l	0.50	100 (a)	NS	ND								
Bromoform	ug/l	0.50	100 (a)	4	ND								
Bromomethane	ug/l	0.50	NS	NS	ND								
n-Butylbenzene	ug/l	0.50	NS	NS	ND								
sec-Butylbenzene	ug/l	0.50	NS	NS	ND								
tert-butylbenzene	ug/l	0.50	NS	NS	ND								
Carbon Tetrachloride	ug/l	0.50	5	5	ND	4.3							
Chlorobenzene	ug/l	0.50	100	100	ND								
Chloroethane	ug/l	0.50	NS	NS	ND								
2-Chloroethyl Vinyl Ether	ug/l	0.50	NS	NS	ND								
Chloroform	ug/l	0.50	100 (a)	6	ND								
Chloromethane	ug/l	0.50	NS	NS	ND								
2-Chlorotoluene	ug/l	0.50	NS	NS	ND								
4-Chlorotoluene	ug/l	0.50	NS	NS	ND								
DBCP	ug/l	0.50	NS	NS	ND								
Dibromochloromethane	ug/l	0.50	100 (a)	0.5	ND								
EDB	ug/l	0.50	NS	0.05	ND								
Dibromomethane	ug/l	0.50	NS	NS	ND								
1,2-Dichlorobenzene	ug/l	0.50	600	600	ND								
1,3-Dichlorobenzene	ug/l	0.50	NS	600	ND	1.3							
1,4-Dichlorobenzene	ug/l	0.50	75	75	ND								
Dichlorodifluoromethane	ug/l	0.50	NS	NS	ND								
1,1-Dichloroethane	ug/l	0.50	NS	70	ND								
1,2-Dichloroethane	ug/l	0.50	5	1	ND								
1,1-Dichloroethylene	ug/l	0.50	7	7	ND								
Trans-1,2-Dichloroethene	ug/l	0.50	100	100	ND								
Cis-1,2-Dichloroethene	ug/l	0.50	70	70	ND								
1,2-Dichloropropane	ug/l	0.50	5	5	ND								
1,3-Dichloropropane	ug/l	0.50	NS	NS	ND								
2,2-Dichloropropane	ug/l	0.50	NS	NS	ND								
1,1-Dichloropropane	ug/l	0.50	NS	NS	ND								
Cis-1,3-Dichloropropene	ug/l	0.50	NS	NS	ND								
Trans-1,3-Dichloropropene	ug/l	0.50	NS	NS	ND								
Ethylbenzene	ug/l	0.50	700	700	ND								
Hexachlorobutadiene	ug/l	0.50	NS	NS	ND								
Isopropylbenzene	ug/l	0.50	NS	NS	ND								
p-Isopropyltoluene	ug/l	0.50	NS	NS	ND								
MTBE	ug/l	0.50	NS	100	ND								
Dichloromethane	ug/l	0.50	5	5	ND								
Napthalene	ug/l	0.50	NS	280	ND								
n-Propylbenzene	ug/l	0.50	NS	NS	ND								
Styrene	ug/l	0.50	110	NS	ND								
1,2,3-Trichloropropane	ug/l	0.50	NS	NS	ND								
1,2,3-Trimethylbenzene	ug/l	0.50	NS	NS	ND								
1,1,1,2-Tetrachloroethane	ug/l	0.50	NS	1	ND								
1,1,2,2-Tetrachloroethane	ug/l	0.50	NS	0.5	ND								
Tetrachloroethylene	ug/l	0.50	5	5	ND								
Toluene	ug/l	0.50	1000	1000	ND								
1,2,3-Trichlorobenzene	ug/l	0.50	NS	NS	ND								
1,2,4-Trichlorobenzene	ug/l	0.50	70	NS	ND								
1,1,1-Trichloroethane	ug/l	0.50	200	200	ND								
1,1,2-Trichloroethane	ug/l	0.50	5	5	ND								
Trichloroethylene	ug/l	0.50	5	5	ND								
Trichlorofluoromethane	ug/l	0.50	NS	NS	ND								
1,2,4-Trimethylbenzene	ug/l	0.50	NS	NS	ND								
1,3,5-Trimethylbenzene	ug/l	0.50	NS	NS	ND								
Vinyl Chloride	ug/l	0.50	2	2	ND								
m,p-Xylenes	ug/l	0.50	10,000 (d)	530(d)	ND								
o-Xylene	ug/l	0.50	10,000 (d)	530(d)	ND								

(a) Total Trihalomethanes standard 100 ug/l
ND - Not Detected
NS - No Standard
NM - Not Measured
ug/l - micrograms per liter

SHADE Equals or exceeds CT DOPH&S Standard
BOLD Equals or exceeds CT DEP Remediation Criteria

Continued..

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2, CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 1999

EPA METHOD 8021 HALOGENATED VOLATILE ORGANICS				April 4/8/99	April 4/8/99	April 4/8/99	April 4/7/99	April 4/8/99	April 4/7/99	April 4/7/99	April 4/7/99	April 4/7/99	April 4/7/99	
PARAMETER	UNITS	DETECTION LIMIT	CT DOPH&S STANDARD	CT DEP REMEDIATION CRITERIA	OW-021A	OW-022A	OW-025	Dog Pound	Spring 1	Baptist Brook #1	Baptist Brook #3	Stream South #1	Stream South #2	Dug Pond
Benzene	ug/l	0.50	5	1	ND	4	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/l	0.50	100 (a)	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/l	0.50	100 (a)	4	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
tert-butylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/l	0.50	100	100	ND	12	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl Vinyl Ether	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/l	0.50	100 (a)	6	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
DBCP	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/l	0.50	100 (a)	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
EDB	ug/l	0.50	NS	0.05	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/l	0.50	800	600	ND	1.5	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/l	0.50	NS	600	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/l	0.50	75	75	ND	5.4	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/l	0.50	NS	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/l	0.50	5	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	ug/l	0.50	7	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethane	ug/l	0.50	100	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,2-Dichloroethane	ug/l	0.50	70	70	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/l	0.50	700	700	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	ug/l	0.50	NS	100	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichloromethane	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Naphthalene	ug/l	0.50	NS	280	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/l	0.50	110	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/l	0.50	NS	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/l	0.50	NS	0.5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethylene	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/l	0.50	1000	1000	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/l	0.50	70	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/l	0.50	200	200	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethylene	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ug/l	0.50	2	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	ug/l	0.50	10,000 (d)	530(d)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ug/l	0.50	10,000 (d)	530(d)	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

(a) Total Trihalomethanes standard 100 ug/l
ND - Not Detected
NS - No Standard
NM - Not Measured
ug/l - micrograms per liter

SHADE Equals or exceeds CT DOPH&S Standard
BOLD Equals or exceeds CT DEP Remediation Criteria

Continued...

THOMPSON SANITARY LANDFILL
PASAY ROAD
THOMPSON, CONNECTICUT

TABLE 2, CONTINUED: GROUNDWATER MONITORING SUMMARY
APRIL 1999

EPA METHOD 8021 HALOGENATED VOLATILE ORGANICS				April 4/7/99	April 4/7/99	April 4/7/99	April 4/7/99	April 4/7/99	April 4/7/99	April 4/8/99	April 4/8/99	
PARAMETER	UNITS	DETECTION LIMIT 4/99	CT DOPH&AS STANDARD	CT DEP REMEDIATION CRITERIA	185 Pasay Road	10 Stawicki Road	131 Pasay Rd. (house)	131 Pasay Rd. (cabin)	PZ-011	Trip Blank	Trip Blank#2	Equipment Blank
Benzene	ug/l	0.50	5	1	ND	ND	ND	ND	ND	ND	ND	ND
Bromobenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromochloromethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromodichloromethane	ug/l	0.50	100 (a)	NS	ND	ND	ND	ND	ND	ND	ND	ND
Bromoform	ug/l	0.50	100 (a)	4	ND	ND	ND	ND	ND	ND	ND	ND
Bromomethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
n-Butylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
sec-Butylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
tert-butylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Carbon Tetrachloride	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND
Chlorobenzene	ug/l	0.50	100	100	ND	ND	ND	ND	ND	ND	ND	ND
Chloroethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Chloroethyl Vinyl Ether	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	ug/l	0.50	100 (a)	6	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2-Chlorotoluene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
4-Chlorotoluene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
DBCP	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Dibromochloromethane	ug/l	0.50	100 (a)	0.5	ND	ND	ND	ND	ND	ND	ND	ND
EDB	ug/l	0.50	NS	0.05	ND	ND	ND	ND	ND	ND	ND	ND
Dibromomethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichlorobenzene	ug/l	0.50	600	600	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichlorobenzene	ug/l	0.50	NS	600	ND	ND	ND	ND	ND	ND	ND	ND
1,4-Dichlorobenzene	ug/l	0.50	75	75	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethane	ug/l	0.50	NS	70	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloroethane	ug/l	0.50	5	1	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloroethylene	ug/l	0.50	7	7	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,2-Dichloroethene	ug/l	0.50	100	100	ND	ND	ND	ND	32	ND	ND	ND
Cis-1,2-Dichloroethene	ug/l	0.50	70	70	ND	ND	ND	ND	ND	ND	ND	ND
1,2-Dichloropropane	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND
1,3-Dichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
2,2-Dichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1-Dichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Cis-1,3-Dichloropropene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Trans-1,3-Dichloropropene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Ethylbenzene	ug/l	0.50	700	700	ND	ND	ND	ND	ND	ND	ND	ND
Hexachlorobutadiene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Isopropylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
p-Isopropyltoluene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
MTBE	ug/l	0.50	NS	100	ND	ND	ND	ND	ND	ND	ND	ND
Dichloromethane	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND
Napthalene	ug/l	0.50	NS	280	ND	ND	ND	ND	ND	ND	ND	ND
n-Propylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Styrene	ug/l	0.50	110	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichloropropane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1,2-Tetrachloroethane	ug/l	0.50	NS	1	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2,2-Tetrachloroethane	ug/l	0.50	NS	0.5	ND	ND	ND	ND	27	ND	ND	ND
Tetrachloroethylene	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND
Toluene	ug/l	0.50	1000	1000	ND	ND	ND	ND	ND	ND	ND	ND
1,2,3-Trichlorobenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trichlorobenzene	ug/l	0.50	70	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,1,1-Trichloroethane	ug/l	0.50	200	200	ND	ND	ND	ND	ND	ND	ND	ND
1,1,2-Trichloroethane	ug/l	0.50	5	5	ND	ND	ND	ND	13	ND	ND	ND
Trichloroethylene	ug/l	0.50	5	5	ND	ND	ND	ND	ND	ND	ND	ND
Trichlorofluoromethane	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,2,4-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
1,3,5-Trimethylbenzene	ug/l	0.50	NS	NS	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl Chloride	ug/l	0.50	2	2	ND	ND	ND	ND	ND	ND	ND	ND
m,p-Xylenes	ug/l	0.50	10,000 (d)	530(d)	ND	ND	ND	ND	ND	ND	ND	ND
o-Xylene	ug/l	0.50	10,000 (d)	530(d)	ND	ND	ND	ND	ND	ND	ND	ND

(a) Total Trihalomethanes standard 100 ug/l
ND - Not Detected
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