GZA

Proactive by Design

GEOTECHNICAL
ENVIRONMENTAL
ECOLOGICAL
WATER
CONSTRUCTION MANAGEMENT

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March 31, 2017
File No. 04.0021270.28

New Hampshire Department of Environmental Services
Waste Management Division
Solid Waste Management Bureau
29 Hazen Drive, P.O. Box 95
Concord, New Hampshire 03302-0095

Re: 2016 Annual Post-Closure Report
Cross Road Landfill
Exeter, New Hampshire
DES #198401081

To Whom It May Concern:

On behalf of the Town of Exeter, GZA GeoEnvironmental, Inc. is pleased to provide the New Hampshire Department of Environmental Services (NHDES) the attached Solid Waste Management Bureau – Landfill Post-Closure Inspection Report (Report) for the Cross Road Landfill in Exeter. The Report and associated attachments are being submitted to fulfill the requirement of a Landfill Post-Closure Performance Report for calendar year 2016.

GZA trusts that the information attached to this letter meets the needs of the NHDES. Should you have any questions, please contact us.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.

Dawna M. Tousignant, P.E.
Project Manager

James M. Wieck, P.G.
Consultant/Reviewer

Jeffery D. Rowell, P.E.
Associate Principal

Attachments: Annual Post-Closure Report
Figure
Tables
Photographic Log 2016
NHDES Inspection Notes

cc: Ms. Jennifer Mates, PE, Assistant Town Engineer, Town of Exeter

Annual Post-Closure Report

ANNUAL POST-CLOSURE REPORT

INACTIVE SOLID WASTE LANDFILLS

RSA 149-M

Per Env-Sw 1105.07

For Reporting Year 2016

Instructions: Complete the form for calendar year (January 1-December 31). In Section F, summarize the Action Items (i.e., those items identified during the inspection(s) in need of repair/maintenance). If you need more space to complete a section, attach additional pages and note at the bottom of the form that you have attached additional pages. The Annual Post-Closure Report (PCR) is due to the New Hampshire Department of Environmental Services (NHDES) each calendar year by March 31.

1. Facility Identification (Env-Sw 1105.14(a))

Facility Name Cross Road Landfill and Stump Dump	
Physical Street Address 9 Cross Road	
Town/City Exeter	Solid Waste Permit Number 198401081

2. Permittee Information (Env-Sw 1105.14(b))

Permittee Town of Exeter, New Hampshire		
Mailing Address 10 Front Street		
Town/City Exeter	State NH	Zip Code 03833
Email Address (Optional)	Phone Number (603) 418-6431	

3. Contact Person (Env-Sw 1105.14(d))

Name Jennifer Mates, PE	Job Title Assistant Town Engineer
Affiliation Public Works	
Email Address (Optional)	Phone Number (603) 418-6431

4. Inspection(s)(Env-Sw 805.07(g))

Date of Inspection: 04/05/2016	Inspector: Alfred Jacobsen
Date of Inspection: 08/31/2016	Inspector: Alfred Jacobsen
Date of Inspection: 11/11/2016	Inspector: Alfred Jacobsen
Date of Inspection: / /	Inspector:

	A. General Site Condition	Yes	No	N/A	Describe Condition
1.	Is access to the landfill restricted by use of gates, fences or natural barriers? Ref Env-Sw 807.03(b)(11)	☒	☐	☐	
2.	Are weather-resistant legible signs posted around the perimeter of the landfill in areas where fencing is not used? Ref Env-Sw 807.03(b)(11)	☒	☐	☐	
3.	Is the access road(s) properly graded and drained? Ref Env-Sw 806.08(c)	☒	☐	☐	
4.	Is any portion of the site used for activities other than post-closure monitoring and maintenance? If you answered "yes," list these activities in Section H. For each activity, indicate if it is on or off cap/cover. Ref Env-Sw 807.05(o)	☒	☐	☐	See Section H
5.	Are all groundwater monitoring wells accessible and in good condition? Ref Env-Sw 807.03(b)(8)	☒	☐	☐	
6.	Is the surface water monitoring system functioning and maintained? Ref Env-Sw 807.03(b)(8)	☒	☐	☐	

	B. Stormwater System Condition [Ref Env-Sw 807.03(b)(5)]	Yes	No	N/A	Describe Condition
1.	Are the sedimentation/detention ponds maintained (e.g., sedimentation removed, no overgrown vegetation)?	☒	☐	☐	
2.	Are culverts intact and free of obstructions?	☒	☐	☐	
3.	Are perimeter drainage swales/ditches well maintained, unobstructed, and free flowing?	☒	☐	☐	See Section G
4.	Are the methods used to control surface water well maintained (e.g., berms, benches)?	☒	☐	☐	
5.	Is there evidence of erosion (e.g., sedimentation in drainage ditches and ponds)?	☐	☒	☐	
6.	Are runoff channels protected to prevent scour and erosion that creates sediment?	☒	☐	☐	
7.	Do all drainage swales have positive drainage?	☒	☐	☐	
8.	Are storm drains in good condition (e.g., frame, grate, wall joints, pumps, sumps, pipes, inlet and outlet stone)?	☒	☐	☐	

	C. Decomposition Gas Control System [Ref Env-Sw 807.03(b)(9)]	Yes	No	N/A	Describe Condition
1.	Is the gas management system ☒ Passive ☐ Active				
2.	If the facility has an active gas collection/extraction system, are all components of the system in good working order (e.g., blower, flare)? Date the system was last tested:	☐	☐	☒	
3.	If the facility has a passive gas system, are all gas vents in good condition and functional (e.g., vent cap, riser pipe)?	☒	☐	☐	
4.	Are all soil gas probes in good condition and functional?	☒	☐	☐	
5.	Are all indoor air quality monitors in good condition and functional?	☐	☐	☒	
6.	Are there any landfill odors?	☐	☒		
7.	Is there evidence of stressed (e.g., damaged/weakened) vegetation?	☐	☒		

C. Decomposition Gas Control System [Ref Env-Sw 807.03(b)(9)]		Yes	No	N/A	Describe Condition
8.	Is the permittee required to monitor methane generation from the landfill? If "no," provide an explanation in Section H of this form. If "yes," answer the following questions in this section and attach a summary table of all methane data collected; include indoor air quality data. Provide an evaluation of any trends in methane data and, if applicable, indoor air quality data in Section G.	☒	☐	☐	See Section G
	I. For this calendar reporting year to date, have methane levels exceeded 25% of the LEL inside any on or off-site structures? Ref Env-Sw 806.07(b)(1)	☐	☐	☒	
	II. For this calendar reporting year to date, have methane levels exceeded 50% of the LEL at the property line? Ref Env-Sw 806.07(b)(2)	☐	☒	☐	See Section G
	III. If you answered "yes" to question I. or II. above, did the permittee implement contingency procedures to ensure protection of public health & safety; and notify NHDES immediately?	☐	☐	☒	
9.	For this calendar reporting year have methane levels exceeded 10% of the LEL in ambient air at the property line?	☐	☒	☐	

D. Cap (Cover) Condition [Ref Env-Sw 807.03(b)(4)]		Yes	No	N/A	Describe Condition
1.	Is cap settlement uniform? Visual evidence of settling includes depressions, water ponding, cracking, and sloughing.	☐	☒		No Immediate action needed, future monitoring
2.	Is an instrument survey of the cap required? Ref Env-Sw 807.03(b)(10). If you answered "yes," attach a summary table of all survey data collected, and provide an evaluation of any trends in Section G. What was the date(s) of the survey this calendar reporting year:	☐	☒	☐	
3.	Does cap slope promote runoff?	☒	☐		
4.	Is the cap mowed on a regular basis? NHDES recommends that landfills be mowed twice per year. Date(s) the landfill was mowed for this reporting period? June 2016	☒	☐		Cap was only mowed once this year due to the drought.
5.	Is there evidence of erosion (e.g., erosion rills, exposed soil)?	☐	☒		
6.	Is the vegetative layer in good condition?	☒	☐		See Section G
7.	Is there evidence of damage due to unauthorized access?	☐	☒		
8.	Is there evidence of damage due to burrowing animals?	☐	☒		

E. Leachate and Leak Detection Systems [Ref Env-Sw 807.03(b)(6) &Env-Sw 807.03(b)(7)]		Yes	No	N/A	Describe Condition
1.	Are there any leachate breakouts or seeps, either on or off the landfill property?	☐	☒		
2.	Does the landfill have a leachate collection and/or leak detection system? If "yes," answer the following:	☐	☒	☐	
	I. Are leachate collection and leak detection system appurtenances functioning properly?	☐	☐	☐	
	II. Is leachate stored on-site prior to disposal? If you answered "yes," what quantity of leachate is currently stored on-site?	☐	☐	☐	
	III. Is leachate properly removed and disposed of on a periodic basis? If you answered "yes," what is the frequency of disposal and the disposal destination?	☐	☐	☐	

F. Action Items	
Item in Need of Repair/Maintenance	**Recommendation**

G. Summary and Assessment. (Use additional sheets if necessary)

Section B No. 2: NHDES completed an inspection of the landfill on October 28, 2016. NHDES indicated that perimeter swales to the south and southwest needed additional riprap, in addition the swale to the southwest needed to have vegetation removed. Exeter plands to address these action items during 2017.

Section C No. 8: GMW-5 was not able to be located during the August 31, 2016 inspection. The gas quality data has shown a decreasing trend of methane in the monitoring wells GMW-1 through GMW-3 located just to the north of the landfill footprint, generally consistent with historical concentration ranges. Methane has been intermittently detected at concentrations greater than 50% of the LEL in a soil gas probe located on the southern and western property boundaries (GMW-10). Soil gas probes GMW-11R and GMW-12 were installed between GMW-10 and residences located to the southwest of the Landfill to monitor methane concentrations. Monitoring of GMW-11R and GMW-12 through 2016 has not indicated the presence of methane at concentrations greater than 50% of the LEL.

Section D No. 1: The cap has not settled uniformly in the southwestern portion of the landfill. The settling does not appear to impact the system's design tolerances or impact positive drainage. The area will continue to be routinely observed for evidence of further settling.

Section D No. 6: NHDES indicated during their October 28, 2016 inspection that areas to the north and northwest that should be seeded. Refer to attached figure with NHDES findings based on the Town of Exter's notes. Exeter plans to address these action items during 2017.

H. Additional Information. (Use additional sheets if necessary)

Please see attached photographic log for recent (August 2016) photographs representative of Landfill conditions.

Section A No. 4 – The Town of Exeter operates a transfer station to the east of the Landfill cap off of Cross Road. The Town also operates a compositing area toward the south of the Landfill.

Section D No. 1 – A minor depression has historically been observed in the southwestern portion of the top of the Landfill cap. The depression is indicated by the retention of water on the surface of the cap after rain events in an approximately 400-square-foot area. The water is anticipated to slowly drain to drainage swales located to the northwest and east of the depression. The area is routinely inspected for visual evidence of further settlement.

5. Signature

By signing below, I affirm that the material and information submitted in this report is correct and complete to the best of my knowledge and belief, and that I am the permittee or a person duly authorized to sign for the permittee.

Signature of the Permittee or Duly Authorized Representative

3/31/17
Date

Jennifer Mates, PE
Printed Name

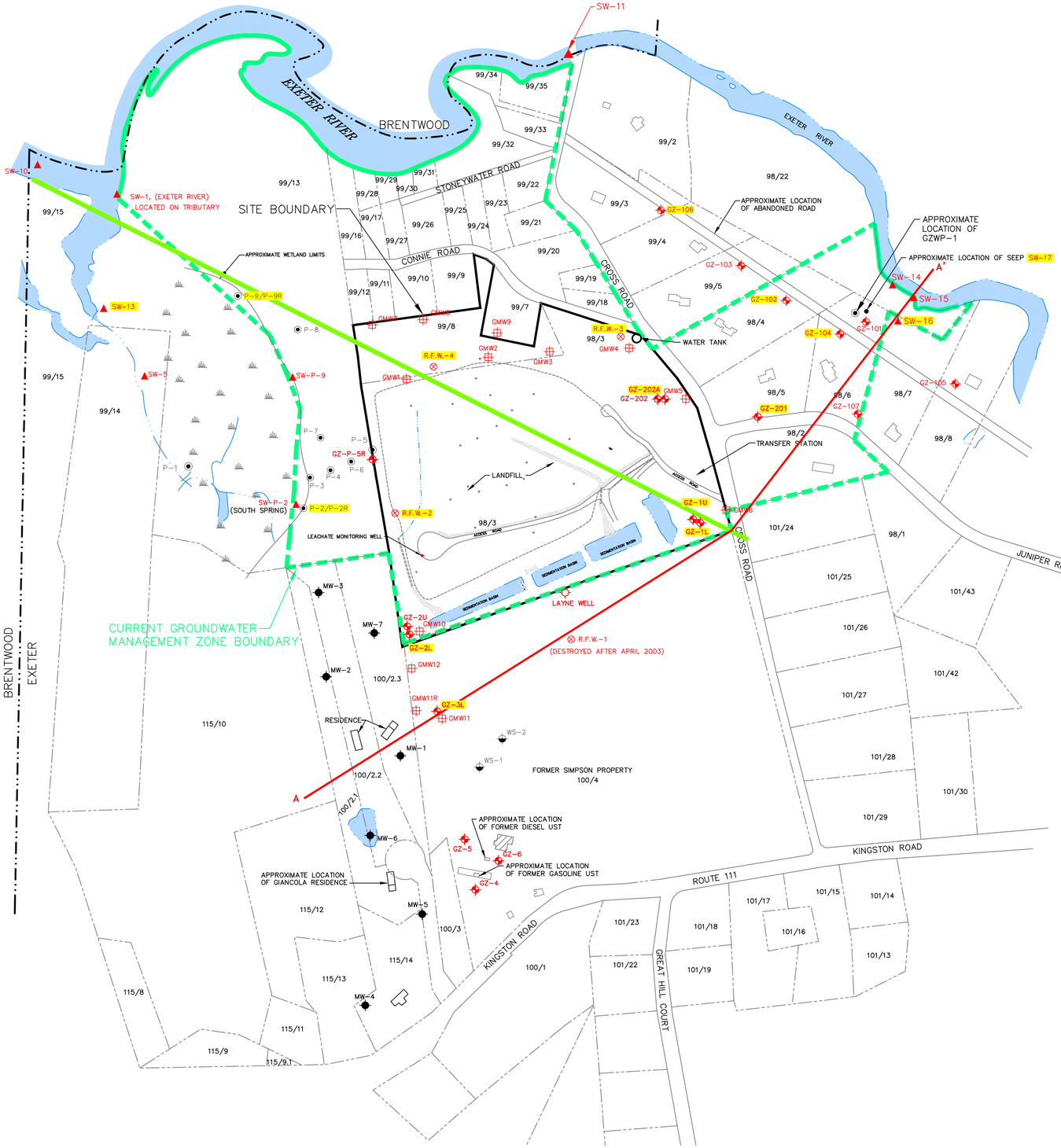
Assistant Town Engineer
Title

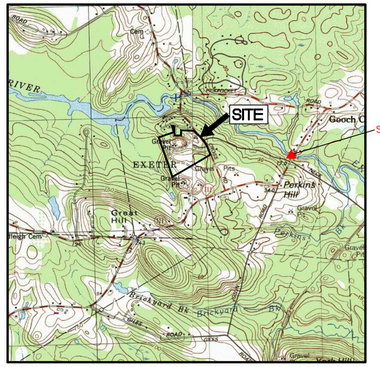
This report contains 32 attached pages.

Complete and return this form by *MARCH 31* to:

NHDES, Waste Management Division, Solid Waste Management Bureau
PO Box 95, 29 Hazen Drive, Concord, NH 03302-0095
FAX: (603) 271-2456 • Email: solidwasteinfo@des.nh.gov

Figure





LOCUS MAP

SCALE: 1" = 2000'±

NOTES:

1. BASE MAP DEVELOPED FROM PROPERTY TAX MAPS PROVIDED BY THE TOWN OF EXETER, NEW HAMPSHIRE INCLUDING TAX MAPS 98, 99, 100 AND 101.
2. LOCUS MAP DEVELOPED FROM UNITED STATES GEOLOGIC SURVEY MAPS, KINGSTON, 1981 PHOTO REVISED 1989 AND EXETER 1985.
3. THE LOCATIONS OF SITE FEATURES INCLUDING WELLS, PIEZOMETERS, AND ROADS ARE BASED ON INFORMATION SHOWN ON PLANS TITLED "TOPOGRAPHIC PLAN OF LAND OF CROSSROAD LANDFILL, PREPARED FOR TOWN OF EXETER, EXETER, NEW HAMPSHIRE," PREPARED BY T.F. MORAN, INC. OF BEDFORD, NEW HAMPSHIRE, DATED JANUARY 24, 1994; "GROUNDWATER ELEVATION CONTOUR MAP–26 APRIL 1990, EXETER LANDFILL, EXETER, NEW HAMPSHIRE," PREPARED BY ROY F. WESTON, INC. (WESTON) OF CONCORD NEW HAMPSHIRE, DATED MAY 1990; "EXPLORATION LOCATION PLAN, EXETER LANDFILL, EXETER, NEW HAMPSHIRE," PREPARED BY GZA GEOENVIRONMENTAL, INC. OF MANCHESTER, NEW HAMPSHIRE, DATED JULY 1997; SITE SKETCH TITLED "PARKER SURVEY" PROVIDED BY THE TOWN OF EXETER, NEW HAMPSHIRE DATED NOVEMBER 1997. THE LOCATIONS OF CERTAIN WELLS, PIEZOMETERS, AND SURFACE WATER SAMPLING LOCATIONS ARE BASED ON TAPED MEASUREMENTS FROM SITE FEATURES BY GZA AND ARE APPROXIMATE.
4. WETLAND LIMITS AND LOCATIONS OF SW–1, NORTH SPRING, SOUTH SPRING, AND P–6 WERE OBTAINED FROM FIGURE 4 OF A REPORT TITLED "REPORT OF HYDROGEOLOGIC INVESTIGATION, EXETER LANDFILL, EXETER, NEW HAMPSHIRE," PREPARED BY ROY F. WESTON, INC. OF CONCORD, NEW HAMPSHIRE, DATED JUNE 1990. THE LOCATIONS ARE APPROXIMATE.
5. THE MONITORING WELL DESIGNATED "LAYNE WELL" WAS INSTALLED BY LAYNE NEW ENGLAND AS DIRECTED BY GIDLEY LABORATORIES, INC. (GIDLAB) OF FAIRHAVEN, MASSACHUSETTS DURING OR BEFORE 1979. PIEZOMETERS P–1 THROUGH P–9 WERE INSTALLED BY GIDLAB DURING OR BEFORE 1979. MONITORING WELLS RFW–1 THROUGH RFW–4 WERE INSTALLED BY WESTON DURING MARCH 27 THROUGH APRIL 4, 1990. MONITORING WELLS MW–1 THROUGH MW–3 LOCATED ON THE BRADSHER PROPERTY WERE INSTALLED BY EXETER ENVIRONMENTAL ASSOCIATES, (EEA) ON DECEMBER 22, 2000. MONITORING WELLS MW–4 THROUGH MW–7, ALSO LOCATED ON THE BRADSHER PROPERTY WERE INSTALLED BY EEA ON MAY 15, 2001. MONITORING WELLS GZ–1U, GZ–1L, GZ–2U, GZ–2L, GZ– 3L, GZ–4, GZ–5 AND GZ–6 AND SOIL GAS MONITORING WELLS GMW10 AND GMW11 WERE INSTALLED BY CAPITAL ENVIRONMENTAL DRILLING SERVICE OF DUNBARTON, NEW HAMPSHIRE DURING JUNE 28 THROUGH JULY 6 2001. WELL POINTS P–2R AND P–3R WERE INSTALLED BY GZA DURING APRIL 2003. GZ–P–5R WAS INSTALLED BY NEW HAMPSHIRE BORING OF LONDONDERRY, NH ON APRIL 20, 2004. MONITORING WELLS GZ–201, GZ–202, AND GZ–202A WERE INSTALLED BY NEW HAMPSHIRE BORING DURING SEPTEMBER AND NOVEMBER 2012.
6. LOCATION OF PHOTO LINEAMENT SHOWN BASED ON THE UNITED STATES GEOLOGIC SURVEY MAP TITLED "LINEAMENT MAP OF AREA 1 OF THE NEW HAMPSHIRE BEDROCK AQUIFER ASSESSMENT, SOUTH EASTERN NEW HAMPSHIRE," DATED 1997.

LEGEND:

GZ–1L	GROUNDWATER MONITORING WELL BY GZA
R.F.W.–4	GROUNDWATER MONITORING WELL
LAYNE WELL	LAYNE WELL FORMER MONITORING WELL BY OTHERS
	MW–1 – OFFSITE OVERBURDEN MONITORING WELL BY OTHERS
WS–1	ABANDONED OVERBURDEN WATER SUPPLY WELL
SW–5	SURFACE WATER SAMPLING LOCATION
GMW4	SOIL GAS MONITORING WELL LOCATION
P–5	PIEZOMETER LOCATION
	STREAM
	OPEN SURFACE WATER
100/4	TOWN OF EXETER, NEW HAMPSHIRE PROPERTY TAX MAP NO./LOT NO.
	TOWN OF EXETER, NEW HAMPSHIRE PROPERTY LOT BOUNDARY
	APPROXIMATE LOCATION OF STRUCTURE
	APPROXIMATE LOCATION OF FORMER STRUCTURE
	CURRENT GROUNDWATER MANAGEMENT PERMIT REQUIRED SAMPLING LOCATION
	APPROXIMATE LOCATION OF PHOTO LINEAMENT IDENTIFIED BY THE UNITED STATES GEOLOGICAL SURVEY
A – A'	LOCATION OF CROSS SECTION LINE

N

0 100' 200' 400' 600'

SCALE IN FEET

2016 ANNUAL POST-CLOSURE REPORT CROSS ROAD LANDFILL

EXETER, NEW HAMPSHIRE

SITE/SITE VICINITY PLAN

PREPARED BY:

GZA GeoEnvironmental, Inc.
Engineers and Scientists
5 COMMERCE PARK NORTH, SUITE 201
BEDFORD, NEW HAMPSHIRE 03110
(603) 623-3600

PREPARED FOR:

PROJ MGR: DMT	REVIEWED BY: JDR	CHECKED BY: JMW	FIGURE	
DESIGNED BY: JMW	DRAWN BY: MR	SCALE: 1" = 200'	1	
DATE: MARCH 2017	PROJECT NO. 04.0021270.28	REVISION NO.	SHEET NO. 1 OF 1	

Tables

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Arsenic (mg/L)

NH AGQS = 0.01 mg/L
WQCTS (Water and Fish Ingestion) = 0.000018 mg/L

	Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring and Residential Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations								Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/1P-2R Southern Spring)	GZ-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	**0.02**	**0.04**	**0.02**	**0.25**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-		-	-	**0.04**
	11/12/1992	<0.01	<0.01	<0.01	**0.0284**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-		-	-	-
	4/6/1993	**0.001**	**0.17**	**0.025**	**0.16**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.001**	-	-	-	-		-	-	**0.03**
	7/1/1993	**0.001**	**0.001**	**0.001**	**0.001**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.001**	-	-	-	-		-	-	-
	11/5/1993	**0.001**	**0.002**	**0.002**	**0.015**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.007**	-	-	-	-		-	-	**0.048**
	4/14/1994	<0.005	**0.06**	**0.058**	**0.263**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.034**	-	-	-	-		-	-	-
	7/15/1994	<0.100	<0.100	<0.100	**0.245**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.100	-	-	-	-		-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	**0.057**
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	**0.002**
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	**0.001**
	11/18/1994	**0.001**	**0.059**	**0.038**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.013**	-	-	-	-		-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	**0.05**
	2/2/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	**0.005**
	4/12/1995	<0.005	**0.039**	**0.022**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-		-	-	<0.005
	7/28/1995	<0.005	**0.021**	**0.011**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-		-	-	**0.018**
	12/8/1995	<0.01	<0.01	**0.042**	**0.22**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.027**	-	-	-	-		-	-	**0.099**
	4/26/1996	<0.01	<0.01	**0.01**	**0.02**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-		-	-	<0.01
	7/25/1996	<0.005	<0.005	<0.005	**0.21**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.04**	-	-	-	-		-	-	-
	11/14/1996	-	**0.015**	**0.17**	**0.13**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	**0.017**	<0.005	-	-	-	-	-		-	-	-
	4/21/1997	-	<0.005	**0.024**	**0.14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	**0.012**	**0.008**	-	-	-	-	-		-	-	-
	7/22/1997	<0.005	<0.005	**0.014**	**0.005**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.005**	-	**0.006**	<0.005	-	-	-	-	-		-	-	-
	11/11/1997	<0.005	**0.011**	**0.04**	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	**0.15**	**0.008**	-	-	-	-	-		-	-	-
	4/15/1998	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.14**	-	-	<0.005	-	-	-	-	-		-	-	-
	7/6/1998	-	<0.005	**0.021**	**0.15**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.75**	-	**4.9**	<0.005	-	-	-	-	-		-	-	-
	11/16/1998	<0.005	**0.012**	**0.001**	**0.19**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	**0.58**	<0.005	-	-	-	-	-		-	-	-
	4/19/1999	<0.005	<0.005	**0.037**	**0.15**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	**0.66**	<0.005	-	-	-	-	-		-	-	-
	7/27/1999	<0.005	<0.005	**0.026**	**0.18**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	**12**	**0.009**	-	-	-	-	-		-	-	-
	11/18/1999	**0.01**	**0.018**	**0.2**	**0.14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.12**	-	**5.9**	**1.2**	-	-	-	-	-		-	-	-
	5/5/2000	<0.005	<0.005	**0.054**	**0.18**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-		-	-	-
	7/7/2000	<0.005	**0.008**	**0.46**	**0.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.009**	-	**0.71**	**0.008**	-	-	-	-	-		-	-	-
	11/16/2000	<0.01	<0.01	**0.13**	**0.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.023**	-	**0.013**	**0.3**	-	-	-	-	-		-	-	-
	4/25/2001	<0.01	**0.014**	**0.21**	**0.28**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.91**	-	**0.032**	**0.047**	-	-	-	-	-		-	-	-
	7/25/2001	<0.005	**0.009**	**0.22**	**0.19**	**0.0124**	-	-	<0.004	**0.0102**	**0.0062**	-	-	-	-	-	-	<0.004	<0.004	<0.004	-	**0.015**	-	**27**	**0.03**	-	-	-	-	-		-	-	-
	8/9/2001	-	-	-	-	<0.004	-	-	-	-	-	-	-	-	-	-	-	**0.008**	**0.006**	<0.004	-	-	-	-	-	-	-	-	-	-		-	-	-
	11/28/2001	<0.01	<0.01	**0.09**	**0.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	**1.9**	-	-	-	-	-		-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.026	-	<0.026	<0.026	<0.026	-		-	-	-
	4/24/2002	<0.02	<0.02	**0.22**	**0.22**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.02	-	<0.02	<0.02	<0.02	-		-	-	-
	11/20/2002	<0.05	<0.05	**0.28**	**0.25**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	<0.01	<0.01	<0.01	-		-	-	-
	4/29/2003	<0.01	<0.01	**0.24**	**0.19**	<0.01	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	<0.01	-	<0.01	<0.01	<0.01	-		-	-	-
	11/17/2003	-	**0.014**	**0.22**	**0.18**	<0.005	-	-	-	-	-	-	-	-	-	-	-	<0.005	**0.011**	<0.005	-	-	-	**0.12**	<0.005	-	<0.005	<0.005	<0.005	-		-	-	-
	4/28/2004	-	**0.01**	**0.20**	**0.22**	<0.005	-	-	-	-	-	**0.01**	-	-	-	-	-	<0.005	**0.005**	<0.005	<0.005	<0.005	**0.005**	**0.043**	<0.005	-	-	-	-	-		-	-	-
	11/15/2004	-	**0.017**	**0.076**	**0.19**	<0.005	-	-	-	-	-	**0.013**	-	-	-	-	-	<0.005	**0.008**	<0.005	-	**0.41**	<0.005	**0.063**	<0.005	-	-	-	-	-		-	-	-
	4/28/2005	-	<0.01	**0.07**	**0.2**	<0.01	-	-	-	-	-	**0.03**	-	-	-	-	-	<0.01	<0.01	<0.01	-	**0.12**	<0.01	**0.03**	<0.01	-	<0.01	<0.01	<0.01	-		-	-	-
	11/8/2005	-	**0.006**	**0.023**	**0.156**	<0.005	-	-	-	-	-	**0.058**	-	-	-	-	-	<0.005	**0.013**	<0.005	-	**0.149**	<0.005	**0.017**	**0.008**	-	<0.005	<0.005	<0.005	-		-	-	-
	4/17/2006	-	<0.005	**0.011**	**0.16**	<0.005	-	-	-	-	-	**0.076**	-	-	-	-	-	<0.005	**0.007**	<0.005	-	**0.034**	<0.005	**0.023**	**1.2**	-	<0.01	<0.01	<0.01	-		-	-	-
	11/20/2006	-	**0.007**	**0.014**	**0.14**	<0.005	-	-	-	-	-	**0.062**	-	-	-	-	-	<0.005	**0.01**	<0.005	-	**0.026**	<0.005	**0.042**	<0.005	-	<0.005	<0.005	<0.005	-		-	-	-
	5/2/2007	-	**0.012**	**0.006**	**0.13**	<0.005	-	-	-	-	-	**0.029**	-	-	-	-	-	-	**0.006**	-	-	**0.011**	<0.005	**0.011**	**0.029**	-	<0.005	<0.005	<0.005	-		-	<0.005	-
	11/14/2007	-	<0.005	**0.006**	**0.13**	<0.005	-	-	-	-	-	**0.032**	-	**0.087**	-	-	-	<0.005	<0.005	**0.007**	-	**0.024**	**0.007**	**0.036**	<0.005	-	<0.005	<0.005	<0.005	-		-	<0.005	-
	4/25/2008	-	**0.007**	**0.007**	**0.17**	<0.005	-	-	-	-	-	**0.040**	-	-	-	-	-	-	<0.005	-	-	**0.016**	<0.005	**0.024**	<0.01	-	-	-	-	<0.01		-	<0.01	-
	11/18/2008	-	**0.005**	**0.009**	**0.16**	**0.006**	-	-	-	-	-	Dry	-	**0.008**	-	-	-	**0.005**	<0.005	-	-	Dry	**0.008**	**0.025**	<0.005	-	-	-	-	**0.010**		-	<0.002	-
	4/27/2009	-	**0.002**	**0.004**	**0.13**	**0.001**	-	-	-	-	-	**0.026**	-	-	-	-	-	-	**0.001**	-	-	**0.024**	**0.003**	**0.023**	**0.009**	-	-	-	-	**0.002**	-	**0.001**	<0.001	-
	11/4/2009	-	**0.002**	**0.001**	**0.13**	<0.001	-	-	-	-	-	Dry	-	**0.009**	-	-	-	**0.002**	**0.003**	<0.001	-	**0.038**	**0.003**	**0.024**	-	-	-	-	-	**0.001**	-	**0.056**	<0.001	-
	4/20/2010	-	**0.004**	**0.002**	**0.16**	**0.001**	-	-	-	-	-	-	-	<0.001	-	-	-	-	<0.001	-	-	**0.017**	**0.002**	**0.008**	-	-	-	-	-	**0.007**	-	**0.009**	<0.001	-
	11/11/2010	-	**0.007**	**0.002**	**0.13**	**0.001**	-	-	-	-	-	-	-	**0.003**	-	-	-	**0.003**	**0.001**	**0.002**	-	**0.022**	**0.003**	**0.042**	-	-	-	-	-	**0.002**	-	**0.007**	<0.001	-
	4/22/2011	-	**0.005**	**0.002**	**0.12**	**0.001**	-	-	-	-	-	-	-	**0.002**	-	-	-	-	<0.001	-	-	**0.014**	**0.002**	**0.032**	-	-	-	-	-	<0.001	-	**0.009**	<0.001	-
	11/14/2011	-	**0.003**	**0.003**	**0.11**	**0.001**	-	-	-	-	-	-	-	**0.012**	-	-	-	**0.002**	<0.001	**0.002**	-	**0.007**	**0.001**	**0.010**	-	-	-	-	-	**0.002**	-	**0.002**	<0.001	-
	4/30/2012	-	**0.003**	**0.012**	**0.13**	**0.002**	-	-	-	-	-	-	-	**0.075**	-	-	-	-	<0.001	-	-	**0.030**	**0.003**	**0.024**	-	-	-	-	-	**0.002**	-	**0.001**	<0.001	-
	11/5/2012	-	<0.001	**0.002**	**0.12**	<0.001	-	-	-	-	-	-	-	**0.020**	-	<0.001	**0.41**	**0.003**	<0.001	-	-	**0.014**	**0.001**	**0.12**	-	-	-	-	-	**0.021**	-	**0.018**	<0.001	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	-	**0.001**	**0.14**	-	**0.001**	**0.49**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2013	-	**0.014**	**0.013**	**0.12**	**0.001**	-	-	-	-	-	-	<0.001	**0.13**	-	**0.004**	**0.28**	**0.003**	**0.006**	**0.003**	-	**0.016**	-	**0.048**	-	-	-	-	-	-	**0.053**	**0.007**	-	-
	4/15/2014	-	**0.019**	**0.010**	**0.14**	<0.001	-	-	-	-	-	-	<0.001	**0.031**	<0.001	**0.002**	**0.31**	**0.002**	**0.007**	-	-	-	-	**0.037**	-	-	-	-	-	-	**0.058**	**0.032**	-	-
	11/3/2014	-	**0.012**	**0.005**	**0.014**	-	-	-	-	-	-	-	<0.001	**0.033**	<0.001	**0.003**	**0.27**	**0.004**	**0.004**	**0.004**	-	-	-	**0.15**	-	-	-	-	-	-	<0.001	**0.059**	-	-
	4/6/2015	-	**0.008**	**0.009**	**0.13**	-	-	-	-	-	-	-	-	**0.26**	-	**0.008**	**0.22**	**0.004**	**0.004**	**0.007**	-	-	-	**0.029**	-	-	-	-	-	-	<0.001	**0.017**	-	-
	11/17/2015	-	**0.007**	**0.280**	**0.14**	-	-	-	-	-	-	-	-	**0.30**	-	**0.001**	**0.17**	**0.004**	**0.002**	**0.003**	-	**0.073**	-	**0.092**	-	-	-	-	-	<0.001	-	**0.004**	-	-
	4/14/2016	-	**0.001**	**0.006**	**0.20**	-	-	-	-	-	-	-	-	**0.060**	-	**0.005**	**0.17**	**0.004**	**0.003**	**0.006**	-	-	-	**0.026**	-	-	-	-	-	-	-	**0.011**	-	-
	11/2/2016	-	**0.007**	**0.015**	**0.089**	-	-	-	-	-	-	-	-	**0.16**	-	**<0.001**	**0.15**	**0.005**	**0.003**	**0.006**	-	-	-	**0.055**	-	-	-	-	-	-	-	**0.004**	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Barium (mg/L)

NH AGQS= 2 mg/L
WQCTS (Water and Fish Ingestion) = 1.0 mg/L

	Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations									Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/1P-2R Southern Spring)	GZ-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	<0.1	**0.2**	**0.1**	**0.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.2**
	11/12/1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/6/1993	<0.1	**1.2**	<0.1	**1.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**8**	-	-	-	-	-	-	**0.7**
	7/1/1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/5/1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/14/1994	**0.015**	**0.034**	**0.105**	**0.256**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.043**	-	-	-	-	-	-	-
	7/15/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.8**
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**11.8**
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**2.3**
	11/18/1994	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2/2/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.2**
	4/12/1995	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	**0.6**
	7/28/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/8/1995	<0.4	<0.4	<0.4	**0.56**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.027**	-	-	-	-	-	-	<0.5
	4/26/1996	<0.4	<0.4	<0.4	<0.4	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.9**	-	-	-	-	-	-	**0.7**
	7/25/1996	**0.025**	**0.036**	**0.1**	**0.21**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.1**	-	-	-	-	-	-	-
	11/14/1996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/21/1997	-	**0.046**	**0.13**	**0.23**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.009**	-	**0.024**	**0.008**	-	-	-	-	-	-	-	-
	7/22/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/15/1998	**0.006**	**0.016**	**0.094**	**0.14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.42**	-	-	**0.01**	-	-	-	-	-	-	-	-
	7/6/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/19/1999	**0.007**	**0.013**	**0.11**	**0.14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.011**	-	**0.064**	**0.071**	-	-	-	-	-	-	-	-
	7/27/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/5/2000	**0.014**	**0.013**	**0.096**	**0.14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.009**	-	-	-	-	-	-	-	-
	7/7/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/25/2001	**0.01**	**0.016**	**0.081**	**0.15**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.11**	-	**0.027**	**0.023**	-	-	-	-	-	-	-	-
	7/25/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/9/2001	-	-	-	-	**0.0418**	-	-	-	-	-	-	-	-	-	-	-	**0.061**	**0.11**	**0.012**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/28/2001	<0.01	<0.01	**0.09**	**0.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	**1.9**	-	-	-	-	-	-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/24/2002	<0.03	<0.03	**0.12**	**0.14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.03	-	-	-	-	-	-	-	-
	11/20/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/29/2003	<0.005	<0.005	**0.12**	**0.15**	<0.05	-	-	-	-	-	-	-	-	-	-	-	<0.05	**0.12**	<0.05	-	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-	-
	11/17/2003	-	<0.005	**0.08**	**0.12**	<0.05	-	-	-	-	-	-	-	-	-	-	-	<0.05	**0.1**	<0.05	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	-
	4/28/2004	-	<0.05	**0.09**	**0.17**	<0.05	-	-	-	-	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	**0.05**	<0.05	<0.05	-	-	-	-	-	-	-	-
	11/15/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/28/2005	-	<0.05	**0.14**	**0.13**	<0.05	-	-	-	-	-	0.06	-	-	-	-	-	<0.05	**0.1**	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-
	11/8/2005	-	<0.05	**0.14**	**0.17**	<0.05	-	-	-	-	-	**0.07**	-	-	-	-	-	<0.05	**0.09**	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-
	4/17/2006	-	<0.05	**0.10**	**0.15**	<0.05	-	-	-	-	-	**0.05**	-	-	-	-	-	<0.05	**0.08**	<0.05	-	<0.05	<0.05	<0.05	**2.3**	-	-	-	-	-	-	-	-
	11/20/2006	-	<0.05	**0.09**	**0.11**	**0.06**	-	-	-	-	-	**0.05**	-	-	-	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-
	5/2/2007	-	<0.05	**0.11**	**0.11**	<0.05	-	-	-	-	-	**0.06**	-	-	-	-	-	-	**0.06**	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	<0.05	-
	11/14/2007	-	<0.05	**0.13**	**0.12**	<0.05	-	-	-	-	-	**0.06**	-	**0.052**	-	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	<0.05	-
	4/25/2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2008	-	<0.05	**0.12**	**0.17**	<0.05	-	-	-	-	-	Dry	-	**0.014**	-	-	-	<0.05	<0.05	-	-	Dry	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	<0.05	-
	11/4/2009	-	**0.027**	**0.11**	**0.16**	**0.015**	-	-	-	-	-	-	-	**0.019**	-	-	-	**0.022**	**0.038**	**0.007**	-	**0.010**	**0.005**	**0.017**	-	-	-	-	-	**0.011**	-	**0.15**	**0.011**	-
	4/20/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/2010	-	**0.022**	**0.077**	**0.13**	**0.019**	-	-	-	-	-	-	-	**0.025**	-	-	-	**0.020**	**0.027**	**0.008**	-	**0.011**	**0.005**	**0.028**	-	-	-	-	-	**0.018**	-	**0.039**	**0.017**	-
	4/22/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/14/2011	-	**0.023**	**0.069**	**0.11**	**0.027**	-	-	-	-	-	-	-	**0.021**	-	-	-	**0.019**	**0.025**	**0.006**	-	**0.020**	**0.006**	**0.025**	-	-	-	-	-	**0.007**	-	**0.031**	0.011	-
	4/30/2012	-	**0.024**	**0.068**	**0.13**	**0.022**	-	-	-	-	-	-	-	**0.035**	-	-	-	-	**0.018**	-	-	**0.009**	**0.005**	**0.011**	-	-	-	-	-	**0.008**	-	**0.032**	**0.010**	-
	11/5/2012	-	**0.030**	**0.062**	**0.12**	**0.021**	-	-	-	-	-	-	-	**0.034**	-	**0.075**	**0.080**	**0.020**	**0.026**	-	-	**0.013**	**0.005**	**0.027**	-	-	-	-	-	**0.025**	-	**0.075**	**0.014**	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	-	**0.030**	**0.039**	-	**0.043**	**0.093**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2013	-	**0.018**	**0.093**	**0.080**	**0.026**	-	-	-	-	-	-	**0.019**	**0.029**	-	**0.077**	**0.065**	**0.019**	**0.048**	**0.012**	-	**0.058**	-	**0.016**	-	-	-	-	-	-	**0.021**	**0.035**	-	-
	4/15/2014	-	-	-	-	-	-	-	-	-	-	-	**0.005**	-	**0.005**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.071**	-	-	-
	11/3/2014	-	-	-	-	-	-	-	-	-	-	-	**0.010**	-	**0.031**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.026**	-	-	-
	4/6/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.27	-	-	-	-	-	-	-	0.011	-	-	-	-
	4/14/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POST-CLOSURE	11/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Cadmium (mg/L)

NH AGQS = 0.005 mg/L
WQCTS (Protection of Aquatic Life - Fresh Water Acute) = 0.21 ug/L

	Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations									Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/1P-2R Southern Spring)	GW-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	<0.005	**0.007**	<0.005	**0.007**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	-	-	<0.005
	11/12/1992	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
	4/6/1993	**0.01**	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	<0.005
	7/1/1993	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-
	11/5/1993	**0.02**	**0.02**	**0.02**	**0.02**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.01**	-	-	-	-	-	-	-	**0.02**
	4/14/1994	**0.015**	<0.01	<0.01	**0.029**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.016**	-	-	-	-	-	-	-	-
	7/15/1994	<0.01	<0.01	**0.017**	**0.028**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.014**
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.022**
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.011**
	11/18/1994	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005
	2/2/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005
	4/12/1995	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	<0.005
	7/28/1995	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	**0.7**
	12/8/1995	<0.004	<0.004	<0.004	<0.004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.004	-	-	-	-	-	-	-	<0.004
	4/26/1996	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	<0.005
	7/25/1996	<0.002	<0.002	<0.002	<0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.002	-	-	-	-	-	-	-	-
	11/14/1996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/21/1997	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-
	7/22/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/15/1998	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-	<0.001	-	-	-	-	-	-	-	-	-
	7/6/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/19/1999	<0.001	<0.001	**0.002**	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.007**	-	**0.012**	<0.001	-	-	-	-	-	-	-	-	-
	7/27/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/5/2000	<0.001	<0.001	**0.002**	**0.001**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-	-	-	-	-	-	-	-
	7/7/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/25/2001	<0.001	<0.001	<0.001	**0.0016**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0078**	-	**0.0042**	**0.0022**	-	-	-	-	-	-	-	-	-
	7/25/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/9/2001	-	-	-	-	<0.004	-	-	-	-	-	-	-	-	-	-	-	<0.004	<0.004	<0.004	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/28/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/24/2002	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.005**	-	-	-	-	-	-	-	-	-
	11/20/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/29/2003	<0.005	**0.01**	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005	-	<0.005	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-
	11/17/2003	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	<0.005	<0.005	<0.005	-	-	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-
	4/28/2004	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	<0.005	-	-	-	-	-	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-
	11/15/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/28/2005	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	<0.005	-	-	-	-	-	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-
	11/8/2005	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	<0.005	-	-	-	-	-	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-
	4/17/2006	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	<0.005	-	-	-	-	-	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-
	11/20/2006	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	<0.005	-	-	-	-	-	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-
	5/2/2007	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	<0.005	-	-	-	-	-	-	<0.005	-	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	<0.005	-
	11/14/2007	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	<0.005	-	-	-	-	-	<0.005	<0.005	<0.005	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	<0.005	-
	4/25/2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2008	-	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	Dry	-	<0.005	-	-	-	<0.005	<0.005	-	-	Dry	<0.005	<0.005	-	-	-	-	-	<0.005	-	-	<0.005	-
	11/4/2009	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	4/20/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/2010	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	**0.010**	-	<0.001	<0.001	-
	4/22/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/14/2011	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	4/30/2012	-	<0.001	<0.001	<0.001	**0.006**	-	-	-	-	-	-	-	<0.001	-	-	-	-	<0.001	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	11/5/2012	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.001	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2013	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	<0.001	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	-	<0.001	-	<0.001	-	-	-	-	-	-	<0.001	<0.001	<0.001	-
	4/15/2014	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-	-
	11/3/2014	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-	-
	4/6/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	-
	4/14/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POST-CLOSURE	11/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Chloride (mg/L)

NH AGQS = NE
SMCL = 250 mg/L
WQTS (Protection of Aquatic Life - Fresh Water Acute) = 230 mg/L

	Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations									Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/1P-2R Southern Spring)	GW-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	17	56	78	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	48	-	-	-	-	-	-	-	-	-	900
	11/12/1992	24	70	78	188	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	64	-	-	-	-	-	-	-	-
	4/6/1993	32	70	34	30	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	40	-	-	-	-	-	-	-	1,150
	7/1/1993	900	700	650	600	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,200	-	-	-	-	-	-	-	-
	11/5/1993	18	52	66	200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	62	-	-	-	-	-	-	-	700
	4/14/1994	6.6	56	52.6	65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	24	-	-	-	-	-	-	-	-
	7/15/1994	5.24	49.7	46.6	147	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	50.1	-	-	-	-	-	-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	350
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	950
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	450
	11/18/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	470
	2/2/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	500
	4/12/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	490
	7/28/1995	10	54	52	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	-	-	-	-	-	-	510
	12/8/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,200
	4/26/1996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	550
	7/25/1996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/14/1996	-	66	35	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	23	-	49	52	-	-	-	-	-	-	-	-	-
	4/21/1997	-	60	32	160	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	23	8	-	-	-	-	-	-	-	-	-
POST-CLOSURE	7/22/1997	17	37	29	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	69	-	49	39	-	-	-	-	-	-	-	-	-
	11/11/1997	78	103	36	220	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	11	-	80	40	-	-	-	-	-	-	-	-	-
	4/15/1998	52	56	22	97	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	-	25	-	-	-	-	-	-	-	-	-
	7/6/1998	-	39	31	39	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	36	-	90	17	-	-	-	-	-	-	-	-	-
	11/16/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/19/1999	28	50	140	7.6	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	32	-	27	44	-	-	-	-	-	-	-	-	-
	7/27/1999	9.9	37	21	120	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	51	67	-	-	-	-	-	-	-	-	-
	11/18/1999	40	47	28	140	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	14	-	47	53	-	-	-	-	-	-	-	-	-
	5/5/2000	83	51	8.1	16	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-
	7/7/2000	420	53	14	59	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	46	-	54	43	-	-	-	-	-	-	-	-	-
	11/16/2000	120	73	44	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	43	-	62	60	-	-	-	-	-	-	-	-	-
	4/25/2001	72	63	34	110	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	44	-	42	39	-	-	-	-	-	-	-	-	-
	7/25/2001	42	63	17	100	94	-	-	77	45	460	-	-	-	-	-	-	81	<5	26	-	11	-	41	37	-	-	-	-	-	-	-	-	-
	8/9/2001	-	-	-	-	51	-	-	-	-	-	-	-	-	-	-	-	120	13	27	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/28/2001	43	74	40	170	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	-	-	96	-	-	-	-	-	-	-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/24/2002	34	68	51	43	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	31	-	-	-	-	-	-	-	-	-
	11/20/2002	28	67	24	34	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	54	-	-	-	-	-	-	-	-	-
	4/29/2003	18	61	6.1	45	48	-	-	-	-	-	-	-	-	-	-	-	140	6.8	22	-	17	-	30	14	-	-	-	-	-	-	-	-	-
	11/17/2003	-	71	33	160	53	-	-	-	-	-	-	-	-	-	-	-	140	5.4	27	-	27	-	62	22	-	-	-	-	-	-	-	-	-
	4/28/2004	-	51	<0.5	94	64	-	-	-	-	-	41	-	-	-	-	-	120	5.5	21	6.8	19	22	45	24	-	-	-	-	-	-	-	-	-
	11/15/2004	-	38	8.8	79	31	-	-	-	-	-	19	-	-	-	-	-	67	7.3	20	-	20	4.0	74	57	-	-	-	-	-	-	-	-	-
	4/28/2005	-	65	24	130	70	-	-	-	-	-	36	-	-	-	-	-	130	14	26	-	11	8.3	45	22	-	-	-	-	-	-	-	-	-
	11/8/2005	-	47	11	120	88	-	-	-	-	-	15	-	-	-	-	-	120	12	34	-	16	6.7	62	39	-	-	-	-	-	-	-	-	-
	4/17/2006	-	51	13	98	51	-	-	-	-	-	35	-	-	-	-	-	130	29 M	36	-	23	19	61	69	-	-	-	-	-	-	-	-	-
	11/20/2006	-	11	5.0	35	63	-	-	-	-	-	4	-	-	-	-	-	50	10	7.9	-	5.2	1.8	18	3.4	-	-	-	-	-	-	-	-	-
	5/2/2007	-	80	56.0	95	68	-	-	-	-	-	32	-	-	-	-	-	-	66	-	-	28	17	41	45	-	-	-	-	-	-	-	22	-
	11/14/2007	-	63	37	98	38	-	-	-	-	-	35	-	-	-	-	-	130	59	14	-	35	13	53 M	55	-	-	-	-	-	-	-	30	-
	4/25/2008	-	74	66	110	75	-	-	-	-	-	48	-	-	-	-	-	-	59	-	-	45	10	46 M	39	-	-	-	-	33	-	-	33	-
	11/18/2008	-	70	45	230	150	-	-	-	-	-	170	-	46	-	-	-	160	39	-	-	Dry	6.1	35	28	-	-	-	-	79	-	-	-	-
	4/27/2009	-	77	52	130	35	-	-	-	-	-	46	-	-	-	-	-	-	33	-	-	25	7	37	29	-	-	-	-	26	-	-	27	-
	11/4/2009	-	75	40	180	53	-	-	-	-	-	-	-	41	-	-	-	120	44	19	-	30	16	72	-	-	-	-	-	29	-	100	30	-
	4/20/2010	-	77	40	140	30	-	-	-	-	-	-	-	6	-	-	-	-	43	-	-	35	33	38	-	-	-	-	-	27	-	87	25	-
	11/11/2010	-	57	43	140	61	-	-	-	-	-	-	-	43	-	-	-	120	52	24	-	35	9	88	-	-	-	-	-	30	-	100	29	-
	4/22/2011	-	54	50	130	39	-	-	-	-	-	-	-	19	-	-	-	-	50	-	-	35	8	50	-	-	-	-	-	24	-	73	28	-
	11/14/2011	-	62	45	160	61	-	-	-	-	-	-	-	42	-	-	-	130	48	24	-	26	5	36	-	-	-	-	-	21	-	75	24	-
	4/30/2012	-	60	39	210	41	-	-	-	-	-	-	-	33	-	-	-	-	32	-	-	27	16	53	-	-	-	-	-	26	-	73	28	-
	11/5/2012	-	77	40	210	46	-	-	-	-	-	-	-	53	-	90	48	120	27	-	-	32	19	87	-	-	-	-	-	37	-	83	30	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	-	60	46	-	79	40	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2013	-	60	42	170	91	-	-	-	-	-	-	41	42	-	96	44	130	15	12	-	28	-	79	-	-	-	-	-	-	46	66	-	-
	4/15/2014	-	64	42	97	110	-	-	-	-	-	-	34	37	6	98	40	130	12	-	-	-	-	51	-	-	-	-	-	-	78	60	-	-
	11/3/2014	-	57	39	170	-	-	-	-	-	-	-	44	47	30	130	40	120	10	23	-	-	-	89	-	-	-	-	-	-	120	50	-	-
	4/6/2015	-	50	43	78	-	-	-	-	-	-	-	-	52	-	170	42	120	10	15	-	-	-	10	-	-	-	-	-	-	82	52	-	-
	11/17/2015	-	57	38	170	-	-	-	-	-	-	-	-	41	170	-	40	120	8	20	-	20	-	85	-	-	-	-	-	44	-	47	-	-
	4/14/2016	-	51	42	86	-	-	-	-	-	-	-	-	57	-	98	44	130	8	13	-	-	-	47	-	-	-	-	-	-	-	50	-	-
	11/2/2016	-	59	40	71	-	-	-	-	-	-	-	-	54	-	220	38	120	9	18	-	-	-	110	-	-	-	-	-	-	-	50	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Chromium (mg/L)

NH AGQS= 0.10 mg/L
WQCTS (Water and Fish Ingestion) = NE

	Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations								Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/1P-2R Southern Spring)	GZ-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	**0.01**	**0.1**	**0.04**	**0.07**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	**0.06**
	11/12/1992	**0.1**	<0.01	**0.02**	**0.03**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.01**	-	-	-	-	-	-	-	-
	4/6/1993	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	**0.08**
	7/1/1993	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-
	11/5/1993	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	<0.05
	4/14/1994	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
	7/15/1994	<0.01	<0.01	**0.016**	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.08**
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.16**
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05
	11/18/1994	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
	2/2/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05
	4/12/1995	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	<0.1
	7/28/1995	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	<0.1
	12/8/1995	<0.03	<0.03	<0.03	<0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.03	-	-	-	-	-	-	-	**0.018**
	4/26/1996	<0.03	<0.03	<0.03	**0.04**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.03	-	-	-	-	-	-	-	<0.03
	7/25/1996	<0.004	<0.004	<0.004	<0.004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.004	-	-	-	-	-	-	-	-
	11/14/1996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/21/1997	-	<0.004	<0.004	<0.004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.004	-	<0.004	<0.004	-	-	-	-	-	-	-	-	-
	7/22/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/15/1998	<0.004	<0.004	<0.004	<0.004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.004	-	-	<0.004	-	-	-	-	-	-	-	-	-
	7/6/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/19/1999	<0.004	<0.004	<0.004	<0.004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.004	-	<0.004	<0.004	-	-	-	-	-	-	-	-	-
	7/27/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/5/2000	<0.004	<0.004	0.008	0.009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.004	-	-	-	-	-	-	-	-	-
	7/7/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/25/2001	<0.004	<0.004	<0.004	**0.006**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.012**	-	**0.0045**	<0.004	-	-	-	-	-	-	-	-	-
	7/25/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/9/2001	-	-	-	-	<0.004	-	-	-	-	-	-	-	-	-	-	-	<0.004	<0.004	<0.004	-		-		-	-	-	-	-	-	-	-	-	-
	11/28/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/24/2002	<0.01	<0.01	<0.01	**0.01**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-
	11/20/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/29/2003	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	11/17/2003	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	4/28/2004	-	<0.05	<0.05	<0.05	<0.05	-	-	-		-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	11/15/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/28/2005	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	11/8/2005	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	4/17/2006	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	**0.26**	-	-	-	-	-	-	-	-	-
	11/20/2006	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	5/2/2007	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	-	-	-	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	11/14/2007	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	4/25/2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2008	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	Dry	-	<0.002	-	-	-	<0.05	<0.05	-	-	Dry	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	-	-
	11/4/2009	-	<0.001	**0.002**	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	**0.007**	<0.001	-
	4/20/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/2010	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	**0.001**	-	<0.001	<0.001	-
	4/22/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/14/2011	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	4/30/2012	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	-	**0.001**	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	11/5/2012	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	**0.002**	<0.001	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	-	**0.008**	<0.001	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2013	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	<0.001	<0.001	-	**0.011**	<0.001	<0.001	<0.001	<0.001	-	**0.002**	-	<0.001	-	-	-	-	-	-	<0.001	<0.001	-	-
	4/15/2014	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.003**	-	-	-
	11/3/2014	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-	-
	4/6/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.01	-	-	-	-	-	-	-	<0.001	-	-	-	-
	4/14/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

POST-CLOSURE

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

1,4-Dioxane (mg/L)

NH AGQS = 3 µg/L
WQCTS (Water and Fish Ingestion) = NE

Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations										Leachate Monitoring Well
	RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/1P-2R Southern Spring)	GZ-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
4/27/2009	-	-	**1**	**6**	-	-	-	-	-	-	<1	-	-	-	-	-	-	<1	-	-	**1**	-	**5**	-	-	-	-	-	-	-	-	-	-
11/4/2009	-	-	**1**	**4**	-	-	-	-	-	-	-	-	<1	-	-	-	-	<1	-	-	**1**	-	**2**	-	-	-	-	-	<1	-	<1	<1	-
4/20/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/11/2010	-	<1	**2**	**4**	<1	-	-	-	-	-	-	-	**1**	-	-	-	<1	<1	<1	-	**1**	<1	**3**	-	-	-	-	-	-	-	-	-	-
4/22/2011	-	<0.25	**1**	**1**	<0.25	-	-	-	-	-	-	-	**0.95**	-	-	-	-	<0.25	-	-	**0.58**	<0.25	**2**	-	-	-	-	-	-	-	-	-	-
11/4/2011	-	<0.25	**1.3**	**1.4**	<0.25	-	-	-	-	-	-	-	**1.6**	-	-	-	<0.25	<0.25	<0.25	-	**0.56**	<0.25	-	-	-	-	-	-	-	-	-	-	-
4/30/2012	-	**0.55**	**1.6**	**2.8**	<0.25	-	-	-	-	-	-	-	**0.83**	-	-	-	-	<0.25	-	-	**1.2**	**0.50**	-	-	-	-	-	-	-	-	-	-	-
11/5/2012	-	<0.25	**1.5**	**1.3**	<0.25	-	-	-	-	-	-	-	**1.7**	-	<0.25	**2.8**	<0.25	<0.25	-	-	**1.4**	**0.55**	**2.1**	-	-	-	-	-	<0.25	-	<0.25	<0.25	-
5/7/2013	-	-	-	-	-	-	-	-	-	-	-	**0.70**	**1.2**	-	<0.25	**2.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/19/2013	-	<0.25	**0.25**	**1.1**	<0.25	-	-	-	-	-	-	**0.79**	**1.2**	-	<0.25	**2.0**	<0.25	<0.25	<0.25	-	-	-	**1.1**	-	-	-	-	-	-	**1.3**	<0.25	-	-
4/15/2014	-	-	-	-	-	-	-	-	-	-	-	<0.25	-	<0.25	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.25	-	-	-	-
11/3/2014	-	-	-	-	-	-	-	-	-	-	-	**0.33**	-	**0.92**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.25	-	-	-
11/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.2**	-	-	-	-	-	-	-	<0.25	-	-	-	-
11/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Iron (mg/L)

NH AGQS = NE
SMCL = 0.30 mg/L

	Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations									Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/1P-2R Southern Spring)	GZ-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	**9.3**	**42**	**19**	**66**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**110**
	11/12/1992	**0.06**	**0.35**	**0.21**	**2.52**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.24**	-	-	-	-	-	-	-
	4/6/1993	**0.16**	**22.8**	**9.8**	**30**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.15**	-	-	-	-	-	-	**174**
	7/1/1993	**0.93**	**3.01**	**25.59**	**4.59**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**3.07**	-	-	-	-	-	-	-
	11/5/1993	**0.81**	**1.6**	**4.4**	**15.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.37**	-	-	-	-	-	-	**49**
	4/14/1994	**2.55**	**8.82**	**3.22**	**46.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**2.25**	-	-	-	-	-	-	-
	7/15/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**400**
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**470**
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**135**
	11/18/1994	**0.98**	**1.75**	**1.28**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.04**	-	-	-	-	-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2/2/1995	-			-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	**43**
	4/12/1995	<0.1	**4.1**	**2.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	**85**
	7/28/1995	<0.1	**1.32**	**0.52**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	**11**
	12/8/1995	<0.04	**0.41**	**3.7**	**31**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.91**	-	-	-	-	-	-	**66**
	4/26/1996	<0.02	**0.55**	**0.55**	**28**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.06**	-	-	-	-	-	-	**3.5**
	7/25/1996	**0.015**	**0.37**	**0.038**	**44**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**2.8**	-	-	-	-	-	-	-
	11/14/1996	-	**0.45**	**12**	**30**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**3.3**	-	**5.9**	**3.7**	-	-	-	-	-	-	-	-
	4/21/1997	-	**0.34**	**1.5**	**32**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.18**	-	**3.3**	**0.49**	-	-	-	-	-	-	-	-
	7/22/1997	**3.4**	**0.66**	**0.036**	**37**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.095**	-	**0.065**	**0.67**	-	-	-	-	-	-	-	-
	11/11/1997	**0.024**	**0.48**	**4.8**	**31**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.41**	-	**26**	**0.4**	-	-	-	-	-	-	-	-
	4/15/1998	**0.012**	**0.59**	**18**	**25**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**12**	-	-	**0.34**	-	-	-	-	-	-	-	-
	7/6/1998	-	**0.24**	**4.1**	**33**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**130**	-	**280**	**1.1**	-	-	-	-	-	-	-	-
	11/16/1998	**0.041**	**0.51**	**0.28**	**36**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.74**	-	**63**	**0.53**	-	-	-	-	-	-	-	-
	4/19/1999	**0.018**	**0.48**	**2.96**	**31**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.85**	-	**110**	**0.64**	-	-	-	-	-	-	-	-
	7/27/1999	**0.032**	**0.29**	**3.8**	**33**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.62**	-	**1500**	**1.3**	-	-	-	-	-	-	-	-
	11/18/1999	**0.019**	**0.51**	**410**	**30**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.36**	-	**1900**	**420**	-	-	-	-	-	-	-	-
	5/5/2000	**0.071**	**0.53**	**12**	**31**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.22**	-	-	-	-	-	-	-	-
	7/7/2000	**0.028**	**0.35**	**62**	**40**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**5.5**	-	**160**	**1**	-	-	-	-	-	-	-	-
	11/16/2000	**0.046**	**0.16**	**10**	**28**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**10**	-	**6.8**	**122**	-	-	-	-	-	-	-	-
	4/25/2001	**0.2**	**2.2**	**16**	**30**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**120**	-	**10**	**7.3**	-	-	-	-	-	-	-	-
	7/25/2001	<0.03	**0.34**	**22**	**38**	<0.004	-	-	<0.044	<0.044	<0.044	<0.044	-	-	-	-	-	**0.291**	<0.044	<0.044	-	**32**	-	**3,700**	**21**	-	-	-	-	-	-	-	-
	8/9/2001	-	-	-	-	<0.044	-	-	-	-	-	-	-	-	-	-	-	<0.044	**0.578**	**0.054**	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/28/2001	<0.05	**0.29**	**7.4**	**16**		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.45**	-	-	**510**	-	-	-	-	-	-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/24/2002	<0.03	**0.78**	**15**	**36**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.77**	-	-	-	-	-	-	-	-
	11/20/2002	<0.05	**3.6**	**58**	**40**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.24**	-	-	-	-	-	-	-	-
	4/29/2003	<0.05	**2.2**	**100**	**38**	<0.05	-	-	-	-	-	-	-	-	-	-	-	<0.05	**28**	<0.05	-	**0.78**	-	**15**	**0.14**	-	-	-	-	-	-	-	-
	11/17/2003	-	**3.1**	**38**	**25**	<0.05	-	-	-	-	-	-	-	-	-	-	-	<0.05	**26**	**0.06**	-	-	-	**7.0**	**0.18**	-	-	-	-	-	-	-	-
	4/28/2004	-	**1.9**	**22**	**37**	<0.05	-	-	-	-	-	**2.1**	-	-	-	-	-	<0.05	**0.21**	<0.05	**0.05**	**0.35**	**2.4**	**0.06**	**0.49**	-	-	-	-	-	-	-	-
	11/15/2004	-	**5.2**	**8.7**	**32**	<0.05	-	-	-	-	-	**5.4**	-	-	-	-	-	<0.05	**2.5**	**0.09**	-	**5.0**	**0.53**	**7.0**	**1.8**	-	-	-	-	-	-	-	-
	4/28/2005	-	**2.0**	**8.6**	**26**	<0.05	-	-	-	-	-	**7.1**	-	-	-	-	-	<0.05	**3.2**	<0.05	-	**0.72**	**0.27**	**2.4**	**0.59**	-	-	-	-	-	-	-	-
	11/8/2005	-	**3.0**	**1.8**	**38**	<0.05	-	-	-	-	-	**13**	-	-	-	-	-	<0.05	**10**	<0.05	-	**2.3**	**0.98**	**6.0**	**4.0**	-	-	-	-	-	-	-	-
	4/17/2006	-	**0.68**	**1.6**	**32**	<0.05	-	-	-	-	-	**12**	-	-	-	-	-	<0.05	**6.8**	<0.05	-	**0.58**	**0.57**	**2.9**	**380.0**	-	-	-	-	-	-	-	-
	11/20/2006	-	**1.1**	**2.9**	**25**	<0.05	-	-	-	-	-	**11**	-	-	-	-	-	<0.05	**0.08**	<0.05	-	**2.0**	**0.39**	**0.45**	**0.49**	-	-	-	-	-	-	-	-
	5/2/2007	-	**2.4**	**2.2**	**25**	<0.05	-	-	-	-	-	**20**	-	-	-	-	-	-	**2.4**	-	-	**4.7**	**0.87**	**5.30**	**5.40**	-	-	-	-	-	-	**0.03**	-
	11/14/2007	-	**1.4**	**2.7**	**37**	<0.05	-	-	-	-	-	**21**	-	**1.7**	-	-	-	**0.43**	<0.05	**0.10**	-	**0.67**	**0.23**	**6.0**	**0.32**	-	-	-	-	-	-	**0.29**	-
	4/25/2008	-	**0.73**	**3.8**	**37**	<0.05	-	-	-	-	-	**22**	-	-	-	-	-	-	**0.32**	-	-	**5.4**	<0.05	**4.7**	**0.31**	-	-	-	-	**0.64**	-	-	**0.38**	-
	11/18/2008	-	**0.85**	**0.50**	**48**	<0.05	-	-	-	-	-	Dry	-	**0.84**	-	-	-	<0.05	<0.05	-	-	Dry	**2.3**	**9.3**	**0.57**	-	-	-	-	**1.7**	-	**0.7**	-
	4/27/2009	-	**0.44**	**0.07**	**32**	<0.05	-	-	-	-	-	**3.2**	-	-	-	-	-	-	<0.05	-	-	**3.4**	**0.39**	**4.2**	**2.7**	-	-	-	-	**0.31**	-	**0.22**	**0.34**	-
	11/4/2009	-	**2.0**	<0.05	**40**	<0.05	-	-	-	-	-	-	-	**0.68**	-	-	-	<0.05	**0.69**	<0.05	-	**6.2**	**0.48**	**8.2**	-	-	-	-	-	**0.61**	-	**26**	**0.39**	-
	4/20/2010	-	**1.0**	**0.31**	**36**	<0.05	-	-	-	-	-	-	-	<0.05	-	-	-	-	<0.05	-	-	**3.2**	**0.16**	**3**	**-**	-	-	-	-	**0.69**	-	**4.5**	**0.20**	-
	11/11/2010	-	**3.7**	**0.17**	**29**	<0.05	-	-	-	-	-	-	-	<0.05	-	-	-	<0.05	<0.05	<0.05	-	**3.4**	**0.41**	**11**	**-**	-	-	-	-	**0.32**	-	**2.8**	**0.30**	-
	4/22/2011	-	**0.62**	**0.27**	**20**	<0.05	-	-	-	-	-	-	-	**0.07**	-	-	-	-	<0.05	-	-	**1.9**	<0.05	**7**	**-**	-	-	-	-	**2.6**	-	**5.1**	**0.23**	-
	11/14/2011	-	**0.43**	**1.1**	**26**	<0.05	-	-	-	-	-	-	-	**2.6**	-	-	-	<0.05	<0.05	<0.05	-	**0.08**	<0.05	**3.3**	**-**	-	-	-	**0.26**	**0.12**	-	**0.53**	**0.25**	-
	4/30/2012	-	**1.8**	**2.1**	**37**	**0.27**	-	-	-	-	-	-	-	**5.9**	-	-	-	-	<0.05	-	-	**6.5**	**0.38**	**15**	**-**	-	-	-	-	**0.42**	-	**0.37**	**0.36**	-
	11/5/2012	-	**0.15**	**0.90**	**31**	<0.05	-	-	-	-	-	-	-	**6.3**	-	<0.05	**46**	<0.05	**0.09**	-	-	**4.1**	**0.12**	**15**	**-**	-	-	-	-	**2.4**	-	**8.5**	**0.35**	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	-	**0.55**	**14**	-	**0.09**	**58**	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-	-	-	-
	12/19/2013	-	**2.4**	**3.1**	**20**	<0.05	-	-	-	-	-	-	**3.1**	**16**	-	**2.8**	**38**	<0.05	**1.4**	**0.46**	-	**6.6**	**-**	**7.8**	-	-	-	-	-	**-**	**6.0**	**3.5**	-	-
	4/15/2014	-	**5.3**	**4.7**	**24**	<0.05	-	-	-	-	-	-	<0.05	**8.7**	**0.06**	**0.81**	**66**	**1.1**	**2.3**	-	-	-	**-**	**14**	-	-	-	-	-	**-**	**4.7**	**24**	-	-
	11/3/2014	-	**3.0**	**7.0**	**20**	-	-	-	-	-	-	-	<0.05	**8.9**	**0.05**	**0.98**	**48**	**1.7**	**2.3**	**4.0**	-	-	**-**	**8.3**	-	-	-	-	-	**-**	<0.05	**5.4**	-	-
	4/6/2015	-	**2.1**	**10.0**	**41**	-	-	-	-	-	-	-	-	**18**	**-**	**7.3**	**43**	**0.96**	**2.2**	**8.3**	-	-	-	**1.6**	-	-	-	-	-	-	0.17	**3.4**	-	-
	11/17/2015	-	**1.6**	**59.0**	**19**	-	-	-	-	-	-	-	-	**24**	-	**0.2**	**35**	**0.91**	**0.81**	**1.9**	-	**31**	-	**6.7**	-	-	-	-	-	0.09	-	**0.12**	-	-
	4/14/2016	-	**0.19**	**6.0**	**22**	-	-	-	-	-	-	-	-	**6.1**	-	**3.1**	**21**	**0.27**	**1.5**	**6.3**	-	-	-	**3.0**	-	-	-	-	-	-	-	**0.76**	-	-
POST-CLOSURE	11/2/2016	-	**4.9**	**16**	**55**	-	-	-	-	-	-	-	-	**20**	-	**<0.05**	**30**	**2.2**	**1.9**	**9.9**	-	-	-	**14**	-	-	-	-	-	-	-	**0.18**	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Lead (mg/L)

NH AGQS = 0.015 mg/L
WQCTS (Water and Fish Ingestion) = NE

	Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations									Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/1P-2R Southern Spring)	GZ-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	**0.006**	**0.031**	**0.011**	**0.025**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	-	-	**0.03**
	11/12/1992	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
	4/6/1993	**0.001**	**0.001**	**0.001**	**0.001**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.001**	-	-	-	-	-	-	-	**0.018**
	7/1/1993	<0.1	<0.1	**9.06**	<0.1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.78**	-	-	-	-	-	-	-	-
	11/5/1993	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	<0.01
	4/14/1994	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	-
	7/15/1994	<0.05	**0.052**	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.1
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.9**
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.03**
	11/18/1994	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-	-	-	-	-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005
	2/2/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001
	4/12/1995	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	<0.005
	7/28/1995	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	<0.005
	12/8/1995	<0.002	**0.003**	**0.006**	**0.004**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.003**	-	-	-	-	-	-	-	**0.009**
	4/26/1996	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.02	-	-	-	-	-	-	-	<0.02
	7/25/1996	<0.005	**0.053**	<0.005	**0.007**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	-
	11/14/1996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/21/1997	-	**0.004**	**0.004**	**0.004**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.18**	-	**0.012**	**0.003**	-	-	-	-	-	-	-	-	-
	7/22/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POST-CLOSURE	4/15/1998	<0.002	<0.002	**18**	<0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.002	-	-	<0.002	-	-	-	-	-	-	-	-	-
	7/6/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/19/1999	<0.002	<0.002	<0.002	<0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.002**	-	**0.003**	<0.002	-	-	-	-	-	-	-	-	-
	7/27/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/5/2000	<0.002	<0.002	<0.002	<0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.002	-	-	-	-	-	-	-	-	-
	7/7/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/25/2001	<0.002	<0.002	<0.002	<0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.002	-	<0.002	<0.002	-	-	-	-	-	-	-	-	-
	7/25/2001	-	-	-	-		-	-														-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/9/2001	-	-	-	-	<0.016	-	-	-	-	-	-	-	-	-	-	-	<0.016	<0.016	<0.016	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/28/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/24/2002	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-
	11/20/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/29/2003	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	<0.01	-	<0.01	-	<0.01	<0.01	-	-	-	-	-	-	-	-	-
	11/17/2003	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-	-	-	<0.01	<0.01	<0.01	-	-	-	<0.01	<0.01	-	-	-	-	-	-	-	-	-
	4/28/2004	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	<0.01	-	-	-	-	-	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-
	11/15/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/28/2005	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	<0.01	-	-	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-
	11/8/2005	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	<0.01	-	-	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-
	4/17/2006	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	<0.01	-	-	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	**0.36**	-	-	-	-	-	-	-	-	-
	11/20/2006	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	<0.01	-	-	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-
	5/2/2007	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	<0.01	-	-	-	-	-	-	<0.01	-	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	<0.01	-
	11/14/2007	-	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	<0.01	-	-	-	-	-	<0.01	<0.01	<0.01	-	<0.01	<0.01	<0.01	**0.01**	-	-	-	-	-	-	-	<0.01	-
	4/25/2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2008	-	<0.008	<0.008	<0.008	<0.008	-	-	-	-	-	Dry	-	<0.001	-	-	-	<0.008	<0.008	-	-	Dry	<0.008	<0.008	-	-	-	-	-	-	<0.008	-	-	<0.008	-
	11/4/2009	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	<0.001	-	**0.012**	<0.001	-
	4/20/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/2010	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	**0.058**	-	<0.001	<0.001	-
	4/22/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/14/2011	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	4/30/2012	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	**0.002**	-	-	-	-	<0.001	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	11/5/2012	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	**0.001**	-	**0.003**	<0.001	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.001	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2013	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	<0.001	<0.001	-	**0.004**	<0.001	<0.001	<0.001	<0.001	-	**0.009**	-	<0.001	-	-	-	-	-	-	-	<0.001	**0.001**	-	-
	4/15/2014	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.003**	-	-
	11/3/2014	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-
	4/6/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.041	-	-	-	-	-	-	-	-	<0.001	-	-	-	-
	4/14/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Mercury (mg/L)

NH AGQS = 0.002 mg/L
WQCTS (Water and Fish Ingestion) = 0.00005 mg/L

	Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations									Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/1P-2R Southern Spring)	GW-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	<0.0003	<0.0003	<0.0003	<0.0003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0003	-	-	-	-	-	-	-	-	-	<0.0003
	11/12/1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/6/1993	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	-	-	-	-	-	-	-	<0.0002
	7/1/1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/5/1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/14/1994	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	-	-	-	-	-	-	-	-
	7/15/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002
	11/18/1994	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	-	-	-	-	-	-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0003
	2/2/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002
	4/12/1995	<0.001	<0.001	<0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.002	-	-	-	-	-	-	-	<0.001
	7/28/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001
	12/8/1995	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	-	-	-	-	-	-	-	<0.0002
	4/26/1996	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	-	-	-	-	-	-	-	<0.0002
	7/25/1996	**0.0008**	**0.0007**	**0.0007**	**0.0012**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.0012**	-	-	-	-	-	-	-	-
	11/14/1996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/21/1997	-	**0.0003**	<0.0002	0.0002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	-	<0.0002	<0.0002	-	-	-	-	-	-	-	-	-
	7/22/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POST-CLOSURE	4/15/1998	<0.0002	<0.0002	<0.0003	<0.0005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	-	-	<0.0002	-	-	-	-	-	-	-	-	-
	7/6/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/19/1999	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	-	<0.0002	<0.0002	-	-	-	-	-	-	-	-	-
	7/27/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/5/2000	<0.0002	<0.0002	<0.0002	<0.0002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0002	-	-	-	-	-	-	-	-	-
	7/7/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/25/2001	<0.00035	<0.00035	<0.00035	<0.00035	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.00035	-	<0.00035	<0.00035	-	-	-	-	-	-	-	-	-
	7/25/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/9/2001	-	-	-	-	<0.0005	-	-	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/28/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/24/2002	<0.0004	<0.0004	<0.0004	<0.0004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0004	-	-	-	-	-	-	-	-
	11/20/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/29/2003	<0.0005	<0.0005	<0.0005	<0.0005	**0.0005**	-	-	-	-	-	-	-	-	-	-	-	<0.0005	<0.0005	<0.0005	-	<0.0005	-	<0.0005	<0.0005	-	-	-	-	-	-	-	-	-
	11/17/2003	-	<0.0005	<0.0005	<0.0005	<0.0009	-	-	-	-	-	-	-	-	-	-	-	<0.0009	<0.0009	<0.0009	-	-	-	<0.0009	<0.0009	-	-	-	-	-	-	-	-	-
	4/28/2004	-	<0.0009	<0.0009	<0.0009	<0.0009	-	-	-	-	-	<0.0009	-	-	-	-	-	<0.0009	<0.0009	<0.0009	<0.0009	<0.0009	**0.0013**	<0.0009	<0.0009	-	-	-	-	-	-	-	-	-
	11/15/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/28/2005	-	<0.0009	<0.0009	<0.0009	<0.0009	-	-	-	-	-	<0.0009	-	-	-	-	-	<0.0009	<0.0009	<0.0009	-	<0.0009	<0.0009	<0.0009	<0.0009	-	-	-	-	-	-	-	-	-
	11/8/2005	-	<0.0009	<0.0009	<0.0009	<0.0009	-	-	-	-	-	<0.0009	-	-	-	-	-	<0.0009	<0.0009	<0.0009	-	<0.0009	<0.0009	<0.0009	<0.0009	-	-	-	-	-	-	-	-	-
	4/17/2006	-	<0.0009	<0.0009	<0.0009	<0.0009	-	-	-	-	-	<0.0009	-	-	-	-	-	<0.0009	<0.0009	<0.0009	-	<0.0009	<0.0009	<0.0009	<0.0009	-	-	-	-	-	-	-	-	-
	11/20/2006	-	<0.0009	<0.0009	<0.0009	<0.0009	-	-	-	-	-	<0.0009	-	-	-	-	-	<0.0009	<0.0009	<0.0009	-	<0.0009	<0.0009	<0.0009	<0.0009	-	-	-	-	-	-	-	-	-
	5/2/2007	-	<0.0009	<0.0009	<0.0009	<0.0009	-	-	-	-	-	<0.0009	-	-	-	-	-	-	<0.0009	-	-	<0.0009	<0.0009	<0.0009	<0.0009	-	-	-	-	-	-	-	<0.0009	-
	11/14/2007	-	<0.0009	<0.0009	<0.0009	<0.0009	-	-	-	-	-	-	-	-	-	-	-	-	<0.0009	-	-	<0.0009	<0.0009	<0.0009	-	-	-	-	-	-	-	-	-	-
	4/25/2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2008	-	<0.0009	<0.0009	<0.0009	<0.0009	-	-	-	-	-	Dry	-	<0.01	-	-	-	<0.0009	<0.0009	-	-	Dry	<0.0009	<0.0009	-	-	-	-	-	<0.0009	-	-	<0.0009	-
	11/4/2009	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	**0.0002**	**0.0002**	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	4/20/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/2010	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-	-	-	<0.0001	-	-	-	<0.0001	<0.0001	**0.0001**	-	<0.0001	<0.0001	<0.0001	-	-	-	-	-	<0.0001	-	<0.0001	<0.0001	-
	4/22/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/14/2011	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-	-	-	<0.0001	-	-	-	<0.0001	**0.0002**	**0.0002**	-	<0.0001	-	<0.0001	-	-	-	-	-	<0.0001	-	<0.0001	<0.0001	-
	4/30/2012	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-	-	-	<0.0001	-	-	-	-	**0.0003**	-	-	<0.0001	<0.0001	<0.0001	-	-	-	-	-	<0.0001	-	<0.0001	<0.0001	-
	11/5/2012	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-	-	-	<0.0001	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	<0.0001	<0.0001	<0.0001	-	-	-	-	-	<0.0001	-	<0.0001	<0.0001	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	-	<0.0001	<0.0001	-	<0.0001	<0.0001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2013	-	<0.0001	<0.0001	<0.0001	<0.0001	-	-	-	-	-	-	<0.0001	<0.0001	-	<0.0001	<0.0001	<0.0001	**0.0001**	<0.0001	-	<0.0001	-	<0.0001	-	-	-	-	-	-	<0.0001	<0.0001	-	-
	4/15/2014	-	-	-	-	-	-	-	-	-	-	-	<0.0001	-	<0.0001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0001	-	-
	11/3/2014	-	-	-	-	-	-	-	-	-	-	-	<0.0001	-	<0.0001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0001	-	-
	4/6/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.0001	-	-	-	-	-	-	-	-	-	<0.0001	-	-	-
	4/14/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Manganese (mg/L)

NH AGQS = 0.840 mg/L
WQCTS (Water and Fish Ingestion) = 0.05 mg/L

	Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations									Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/1P-2R Southern Spring)	GW-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	**0.14**	**0.93**	**4.9**	**4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.16**	-	-	-	-	-	-	-	-	-	**6.4**
	11/12/1992	**0.01**	**0.01**	**4.75**	**0.965**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**2.53**	-	-	-	-	-	-	-	-
	4/6/1993	<0.01	**0.56**	**6.62**	**4.32**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.04**	-	-	-	-	-	-	-	**1.56**
	7/1/1993	**0.59**	**0.39**	**6.24**	**5.24**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
	11/5/1993	**0.12**	**0.34**	**10.8**	**4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**3.7**	-	-	-	-	-	-	-	**0.78**
	4/14/1994	**1.31**	**1.07**	**11.3**	**4.75**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**4.29**	-	-	-	-	-	-	-	-
	7/15/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/1994	**0.05**	**0.19**	**9.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.08**	-	-	-	-	-	-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2/2/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/12/1995	<0.05	**0.68**	**10.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-
	7/28/1995	<0.05	**0.26**	**12.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**7.3**	-	-	-	-	-	-	-	-
	12/8/1995	<0.01	**0.56**	**13**	**3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**6.1**	-	-	-	-	-	-	-	-
	4/26/1996	<0.01	**0.61**	**9.2**	**3.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-
	7/25/1996	<0.02	**0.66**	**15**	**5.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**8.4**	-	-	-	-	-	-	-	-
	11/14/1996	-	**0.77**	**16**	**3.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.37**	-	**1.8**	**0.54**	-	-	-	-	-	-	-	-	-
	4/21/1997	-	**0.4**	**14**	**3.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.01**	-	**1.4**	**0.11**	-	-	-	-	-	-	-	-	-
	7/22/1997	**0.8**	**0.47**	**0.36**	**3.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.42**	-	**2.8**	**0.8**	-	-	-	-	-	-	-	-	-
	11/11/1997	<0.005	**0.73**	**19**	**3.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.031**	-	**4.4**	**0.14**	-	-	-	-	-	-	-	-	-
	4/15/1998	<0.005	**0.67**	**14**	**3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**5.5**	-	-	**0.055**	-	-	-	-	-	-	-	-	-
	7/6/1998	-	**0.52**	**21**	**4.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**10**	-	**3.6**	**0.17**	-	-	-	-	-	-	-	-	-
	11/16/1998	<0.005	**0.64**	**3.9**	**3.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.028**	-	**3**	**0.065**	-	-	-	-	-	-	-	-	-
	4/19/1999	<0.005	**0.57**	**6.8**	**3.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.01**	-	**3.4**	**3.8**	-	-	-	-	-	-	-	-	-
	7/27/1999	<0.005	**0.51**	**6.3**	**3.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**16**	-	**54**	**1.8**	-	-	-	-	-	-	-	-	-
	11/18/1999	<0.005	**0.61**	**7.8**	**3.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.32**	-	**320**	**94**	-	-	-	-	-	-	-	-	-
	5/5/2000	**0.018**	**0.55**	**7.8**	**4.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.096**	-	-	-	-	-	-	-	-	-
	7/7/2000	**0.16**	**0.56**	**7**	**5.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**8.5**	-	**50**	**2.1**	-	-	-	-	-	-	-	-	-
	11/16/2000	<0.005	**0.51**	**4.8**	**4.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**4.5**	-	**2.6**	**51**	-	-	-	-	-	-	-	-	-
	4/25/2001	<0.005	**0.97**	**2.9**	**5.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**5.6**	-	**1.7**	**1.8**	-	-	-	-	-	-	-	-	-
	7/25/2001	<0.003	**0.62**	**2.5**	**4.8**	**1.53**	-	-	**0.0946**	**0.893**	**0.0834**	-	-	-	-	-	-	**0.413**	**0.404**	**0.175**	-	**1.2**	-	**100**	**5.7**	-	-	-	-	-	-	-	-	-
	8/9/2001	-	-	-	-	**0.902**	-	-	-	-	-	-	-	-	-	-	-	**0.399**	**1.730**	**0.195**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/28/2001	<0.03	**0.42**	**1.2**	**2.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.03**	-	-	**110**	-	-	-	-	-	-	-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/24/2002	<0.03	**0.81**	**2.1**	**6.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.39**	-	-	-	-	-	-	-	-	-
	11/20/2002	<0.03	**1.1**	**4.8**	**5.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.05**	-	-	-	-	-	-	-	-	-
	4/29/2003	<0.03	**0.89**	**6.8**	**2.8**	**0.23**	-	-	-	-	-	-	-	-	-	-	-	**0.34**	**9.9**	**0.11**	-	**0.52**	-	**3.5**	**0.05**	-	-	-	-	-	-	-	-	-
	11/17/2003	-	**1.1**	**3.0**	**3.6**	**0.2**	-	-	-	-	-	-	-	-	-	-	-	**0.45**	**19**	**0.16**	-	-	-	**2.5**	**0.1**	-	-	-	-	-	-	-	-	-
	4/28/2004	-	**0.75**	**1.9**	**5.5**	**0.08**	-	-	-	-	-	**4.9**	-	-	-	-	-	**0.48**	**5.8**	**0.12**	<0.05	**0.84**	**1.1**	**0.64**	<0.05	-	-	-	-	-	-	-	-	-
	11/15/2004	-	**0.81**	**1.0**	**5.2**	<0.03	-	-	-	-	-	**4.6**	-	-	-	-	-	**0.09**	**14**	**0.17**	-	**1.1**	**0.66**	**2.0**	**0.17**	-	-	-	-	-	-	-	-	-
	4/28/2005	-	**0.86**	**0.88**	**4.7**	**0.04**	-	-	-	-	-	**6.8**	-	-	-	-	-	**0.05**	**18**	**0.16**	-	**0.53**	**0.29**	**1.1**	<0.03	-	-	-	-	-	-	-	-	-
	11/8/2005	-	**0.71**	**0.21**	**3.8**	<0.03	-	-	-	-	-	**5.3**	-	-	-	-	-	<0.03	**10**	**0.10**		**1.1**	**0.63**	**2.5**	**1.9**	-	-	-	-	-	-	-	-	-
	4/17/2006	-	**0.72**	**0.33**	**3.0**	<0.03	-	-	-	-	-	**4.2**	-	-	-	-	-	<0.03	**11**	**0.07**	-	**0.94**	**0.68**	**1.4**	**260**	-	-	-	-	-	-	-	-	-
	11/20/2006	-	**0.78**	**0.36**	**2.3**	**1.5**	-	-	-	-	-	**2.7**	-	-	-	-	-	**0.03**	**7.5**	**0.10**	-	**1.1**	**0.48**	**1.5**	**0.19**	-	-	-	-	-	-	-	-	-
	5/2/2007	-	**1**	**4.1**	**2.5**	**1.1**	-	-	-	-	-	**3.2**	-	-	-	-	-	-	**8.5**	-	-	**1.6**	**0.74**	**2.3**	**2.7**	-	-	-	-	-	-	-	**0.05**	-
	11/14/2007	-	**1**	**1.9**	**3.4**	**0.54**	-	-	-	-	-	**3.8**	-	**4.0**	-	-	-	**0.13**	**4**	**0.12**	-	**1.0**	**0.39**	**2.8**	**0.26**	-	-	-	-	-	-	-	**0.06**	-
	4/25/2008	-	**1.1**	**6.1**	**3.9**	**2.9**	-	-	-	-	-	**4.0**	-	-	-	-	-	-	**6.1**	-	-	**1.8**	**0.41**	**2.4**	**0.13**	-	-	-	-	**0.30**	-	-	**0.10**	-
	11/18/2008	-	**1.2**	**0.75**	**4.7**	**4.2**	-	-	-	-	-	Dry	-	**0.27**	-	-	-	<0.03	**0.70**	-	-	Dry	**0.63**	**2.5**	**0.05**	-	-	-	-	**3.2**	-	-	**0.15**	-
	4/27/2009	-	**1.2**	**0.35**	**3.5**	**3.7**	-	-	-	-	-	**1.5**	-	-	-	-	-	-	**0.93**	-	-	**1.2**	**0.31**	**1.5**	**0.77**	-	-	-	-	**0.11**	-	**0.17**	**0.12**	-
	11/4/2009	-	**1.2**	**0.11**	**4.2**	**2.2**	-	-	-	-	-	-	-	**0.94**	-	-	-	**0.038**	**4.9**	**0.11**	-	**1.8**	**0.48**	**2.8**	-	-	-	-	-	**0.29**	-	**3.6**	**0.035**	-
	4/20/2010	-	**1.0**	**0.89**	**3.2**	**0.24**	-	-	-	-	-	-	-	**0.037**	-	-	-	-	**0.60**	-	-	**0.85**	**0.29**	**0.92**	**-**	-	-	-	-	**0.15**	-	**0.69**	**0.031**	-
	11/11/2010	-	**0.91**	**0.27**	**3.2**	**4.6**	-	-	-	-	-	-	-	**0.31**	-	-	-	**0.007**	**1.7**	**0.028**	-	**1.2**	**0.27**	**2.6**	**-**	-	-	-	-	**0.15**	-	**0.14**	**0.045**	-
	4/22/2011	-	**0.7**	**0.42**	**2.8**	**3.6**	-	-	-	-	-	-	-	**0.10**	-	-	-	-	**1.6**	-	-	**0.64**	**0.21**	**1.6**	**-**	-	-	-	-	**0.054**	-	**0.39**	**0.042**	-
	11/14/2011	-	**0.87**	**1.8**	**3.1**	**6.9**	-	-	-	-	-	-	-	**1.1**	-	-	-	**0.009**	**3.8**	**0.009**	-	**1.5**	**0.31**	**2.1**	**-**	-	-	-	**0.026**	**0.061**	-	**0.082**	**0.031**	-
	4/30/2012	-	**0.92**	**1.6**	**4.1**	**6.2**	-	-	-	-	-	-	-	**1.2**	-	-	-	-	**2.2**	-	-	**1.6**	**0.33**	**2.4**	**-**	-	-	-	-	**0.13**	-	**0.069**	**0.066**	-
	11/5/2012	-	**0.98**	**1.9**	**3.9**	**5.5**	-	-	-	-	-	-	-	**3.5**	-	**1.2**	**2.8**	**0.024**	**2.8**	-	-	**1.6**	**0.064**	**1.9**	**-**	-	-	-	-	**1.1**	-	**1.1**	**0.036**	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	**5.9**	**3.6**	-	**0.13**	**3.5**	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-	-	-	-	-
	12/19/2013	-	**0.81**	**3.1**	**3.6**	**6.4**	-	-	-	-	-	-	**3.8**	**3.4**	-	**0.19**	**3.2**	<0.005	**20**	**0.056**	-	**2.0**	-	**1.4**	-	-	-	-	-	-	**1.3**	**0.25**	-	-
	4/15/2014	-	**1.1**	**2.3**	**6.0**	**8.3**	-	-	-	-	-	-	**0.052**	**1.7**	**0.018**	**0.15**	**5.6**	**0.27**	**20**	-	-	-	-	**1.6**	**-**	-	-	-	-	-	**1.6**	**3.9**	-	-
	11/3/2014	-	**0.77**	**2.9**	**3.8**	-	-	-	-	-	-	**1.6**	**4.1**	**0.15**	**0.21**	**3.8**	**0.21**	**25**	**0.14**	-	-	-	-	**1.5**	**-**	-	-	-	-	-	<0.005	**2.2**	-	-
	4/6/2015	-	**0.70**	**2.5**	**5.6**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**3.9**	**-**	**0.51**	**3.6**	**0.13**	**19**	**0.20**	**-**	**-**	**-**	**0.37**	**-**	**-**	**-**	**-**	**-**	**-**	**0.59**	**1.4**	-	-
	11/17/2015	-	**0.83**	**2**	**4.1**	-	-	-	-	-	-	-	**3.6**	-	**0.39**	**2.8**	**0.23**	**17**	**0.13**	-	**2.8**	-	**1.6**	-	-	-	-	-	-	**0.018**	-	**1.7**	-	-
	4/14/2016	-	**0.64**	**1.3**	**3.9**	-	-	-	-	-	-	-	**1.6**	-	**0.43**	**2.1**	**0.089**	**11**	**0.19**	-	-	-	**0.68**	-	-	-	-	-	-	-	-	**1.5**	-	-
	11/2/2016	-	**0.76**	**2.8**	**3.9**	-	-	-	-	-	-	-	**3.0**	-	**0.71**	**2.2**	**0.16**	**11**	**0.26**	-	-	-	**1.2**	-	-	-	-	-	-	-	-	**2.2**	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Nitrate (mg/L)

NH AGQS = 10 mg/L
WQCTS (Water and Fish Ingestion) = 10 mg/L

	Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations									Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/1P-2R Southern Spring)	GW-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-	-	<0.05
	11/12/1992	**1.35**	**0.36**	**2.15**	**0.38**	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	**0.34**	-	-	-	-	-	-	-	-
	4/6/1993	**0.5**	**0.5**	**0.5**	**0.5**	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	**0.5**	-	-	-	-	-	-	-	**1.5**
	7/1/1993	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-
	11/5/1993	**0.6**	**0.5**	**0.5**	**0.5**	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	**0.5**	-	-	-	-	-	-	-	**1.5**
	4/14/1994	**0.197**	**0.091**	**0.226**	<0.03	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	<0.03	-	-	-	-	-	-	-	-
	7/15/1994	<0.03	<0.03	<0.03	<0.03	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	<0.03	-	-	-	-	-	-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/1994	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2/2/1995	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/12/1995	**0.52**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-
	7/28/1995	**0.7**	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-
	12/8/1995	**0.17**	<0.05	**0.16**	**0.078**	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-
	4/26/1996	**0.1**	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-
	7/25/1996	**0.17**	<0.05	<0.05	**0.07**	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	-
	11/14/1996	-	**0.6**	**0.47**	**19**	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	**3.2**	-	**0.74**	**0.49**	-	-	-	-	-	-	-	-	-
	4/21/1997	-	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	**0.34**	-	**2.1**	**1.4**	-	-	-	-	-	-	-	-	-
	7/22/1997	**0.35**	<0.05	**0.06**	<0.05	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	11/11/1997	**0.89**	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	4/15/1998	**0.46**	<0.05	**0.06**	<0.05	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	<0.05	-	-	<0.05	-	-	-	-	-	-	-	-	-
	7/6/1998	-	<0.05	<0.05	**5.6**	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	**4.1**	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	11/16/1998	**0.52**	<0.05	**0.31**	<0.05	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	**0.08**	-	<0.05	**0.12**	-	-	-	-	-	-	-	-	-
	4/19/1999	**0.39**	<0.05	<0.1	<0.1	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	7/27/1999	**0.096**	<0.05	**0.37**	<0.05	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	<0.05	-	<0.05	**0.18**	-	-	-	-	-	-	-	-	-
	11/18/1999	**0.51**	<0.05	<0.05	<0.3	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	**0.09**	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
	5/5/2000	**2.7**	**0.1**	**0.39**	**0.1**	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	**0.1**	-	-	-	-	-	-	-	-	-
	7/7/2000	**7**	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	**0.43**	-	<0.05	**0.06**	-	-	-	-	-	-	-	-	-
	11/16/2000	**2.1**	**0.051**	**0.55**	<0.1	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	<0.05	-	<0.05	**0.38**	-	-	-	-	-	-	-	-	-
	4/25/2001	**0.98**	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	<0.05	-	**0.12**	<0.05	-	-	-	-	-	-	-	-	-
	7/25/2001	**1**	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	<0.5	-	<0.5	<0.5	-	-	-	-	-	-	-	-	-
	8/9/2001	**-**	-	-	-	**1.3**	-	-	-	-	-	-	-	-		-	-	<0.100	<0.100	**0.140**	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/28/2001	**1.3**	**0.16**	**0.44**	**3**	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	**0.26**	-	-	<0.05	-	-	-	-	-	-	-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/24/2002	**1**	**0.2**	**0.3**	**0.2**	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	**0.2**	-	-	-	-	-	-	-	-	-
	11/20/2002	**0.8**	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-	<0.1	-	-	-	-	-	-	-	-	-
	4/29/2003	**0.7**	<0.1	**0.2**	<0.1	**1.8**	-	-	-	-	-	-	-	-		-	-	<0.1	<0.1	**0.2**	-	<0.1	-	<0.1	**0.3**	-	-	-	-	-	-	-	-	-
	11/17/2003	-	<0.1	<0.1	<0.1	**3.6**	-	-	-	-	-	-	-	-		-	-	**0.1**	<0.1	**0.2**	-	<0.1	-	<0.1	<0.1	-	-	-	-	-	-	-	-	-
	4/28/2004	**-**	<0.1	**0.3**	<0.1	**2.6**	-	-	-	-	-	**0.4**	-	-		-	-	**0.1**	<0.1	**0.1**	<0.1	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-
	11/15/2004	**-**	<0.1	**0.9**	<0.1	**0.8**	-	-	-	-	-	**0.2**	-	-		-	-	**0.2**	<0.1	**0.2**	-	<0.1	<0.1	<0.1	**2.1**	-	-	-	-	-	-	-	-	-
	4/28/2005	**-**	<0.1	**0.1**	<0.1	**2.0**	-	-	-	-	-	**0.2**	-	-		-	-	**0.1**	<0.1	**0.1**	-	**0.8**	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-
	11/8/2005	-	<0.1	**1.2**	<0.1	**1.0**	-	-	-	-	-	<0.1	-	-		-	-	**0.3**	<0.1	**0.2**	-	<0.5	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-
	4/17/2006	**-**	<0.1	<0.1	<0.1	**0.4**	-	-	-	-	-	<0.1	-	-		-	-	**0.2**	<0.1	**0.2**	-	<0.1	<0.1	<0.1	**0.1**	-	-	-	-	-	-	-	-	-
	11/20/2006	**-**	<0.1	<0.1	<0.1	**0.2**	-	-	-	-	-	<0.1	-	-		-	-	<0.1	<0.1	**0.1**	-	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	-	-
	5/2/2007	-	<0.1	**0.2**	<0.1	**0.2**	-	-	-	-	-	<0.1	-	-		-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	-	-	-	-	-	-	<0.1	-
	11/14/2007	**-**	<0.1	**0.6**	<0.1	<0.1	-	-	-	-	-	<0.1	-	<0.5		-	-	**0.4**	**0.2**	**0.1**	-	<0.1	**0.1**	<0.1	<0.1	-	-	-	-	-	-	-	**0.2**	-
	4/25/2008	-	<0.1	**0.2**	<0.1	**0.2**	-	-	-	-	-	<0.1	-	-	-	-	-	-	<0.1	-	-	<0.1	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	-	<0.1	-
	11/18/2008	-	<0.1	**1.1**	<0.1	<0.1	-	-	-	-	-	<0.1	-	**0.27**	-	-	-	**0.2**	<0.1	**-**	-	Dry	<0.1	<0.1	<0.1	-	-	-	-	<0.1	-	-	-	-
	4/27/2009	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	**0.7**	-	-	-	-	-	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	-	<0.5	-
	11/4/2009	-	<0.5	**0.6**	<0.5	<0.5	-	-	-	-	-	-	-	**0.7**	-	-	-	<0.5	<0.5	<0.5	-	<0.5	<0.5	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	-
	4/20/2010	-	<0.5	**1.3**	<0.5	**1.4**	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	-	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	<0.5	-	<0.5	<0.5	-
	11/11/2010	-	<0.5	**1.0**	<0.5	<0.5	-	-	-	-	-	-	-	**0.7**	-	-	-	<0.5	**0.6**	<0.5	-	<0.5	<0.5	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	-
	4/22/2011	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	-	-	-	**1.0**	-	-	<0.5	<0.5	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	-
	11/14/2011	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	-	-	<0.5	**0.8**	<0.5	-	<0.5	<0.5	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	-
	4/30/2012	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	-	-		<0.5	-	-	<0.5	<0.5	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	-
	11/5/2012	-	<0.5	**1.3**	<0.5	<0.5	-	-	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	**0.6**	-	-	<0.5	<0.5	<0.5	-	-	-	-	-	<0.5	-	<0.5	<0.5	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	-	<0.5	<0.5	-	<0.5	<0.5	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2013	-	<0.5	<0.5	<0.5	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	**0.6**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	4/15/2014	-	<0.5	**0.8**	<0.5	<0.5	-	-	-	-	-	-	**0.8**	<0.5	<0.5	**0.7**	<0.5	<0.5	<0.5	<0.5	-	<0.5	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	11/3/2014	-	<0.5	**3.3**	<0.5	-	-	-	-	-	-	-	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	**0.8**	**1.1**	-	<0.5	-	<0.5	-	-	-	-	-	-	**1.2**	<0.5	-	-
	4/6/2015	-	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	**0.9**	<0.5	<0.5	**0.9**	**0.5**	-	-	-	<0.5	-	-	-	-	-	-	<0.5	<0.5	-	-
	11/17/2015	-	<0.5	0.7	<0.5	-	-	-	-	-	-	-	-	<0.5	-	**0.8**	<0.5	<0.5	**<0.5**	**0.5**	-	<0.5	-	<0.5	-	-	-	-	-	<0.5	-	<0.5	-	-
	4/14/2016	-	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	<0.5	<0.5	<0.5	<0.5	<0.5	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5	-	-
POST-CLOSURE	11/2/2016	-	<0.5	<0.5	<0.5	-	-	-	-	-	-	-	-	<0.5	-	**2.0**	<0.5	**1.0**	**1.4**	**1.1**	-	-	-	<0.5	-	-	-	-	-	-	-	<0.5	-	-

See last page for notes.

TABLE 1
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Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

pH (mg/L)

NH AGQS = NE
WQCTS (Water and Fish Ingestion) = NE

Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations				Surface Water Monitoring Stations									Leachate Monitoring Well
	RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/ South Spring)	SW-P-2 (P-2/1P-2R Southern Spring)	GW-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
5/27/1992	6.51	6.42	6.53	6.56	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.58	-	-	-	-	-	-	-	-	-	-	-
11/12/1992	7.00	6.50	6.30	6.50	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.70	-	-	-	-	-	-	-	-
4/6/1993	6.95	6.41	6.51	6.47	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7.15	-	-	-	-	-	-	-	6.90
4/25/1996	6.34	7.15	6.42	6.46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.72	-	-	-	-	-	-	-	6.84
7/25/1996	6.48	6.67	7.05	6.41	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.58	-	-	-	-	-	-	-	-
4/21/1997	-	6.70	6.70	6.60	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.10	7.10	-	6.60	-		-	-	-	-	-	-	-	-
7/22/1997	6.42	6.96	6.46	6.55	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.19	7.08	-	6.72	-		-	-	-	-	-	-	-	-
7/27/1999	6.68	6.52	6.37	6.53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.92	7.04	-	7.36	-		-	-	-	-	-	-	-	-
4/25/2001	6.81	6.86	6.60	6.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.44	6.77	-	7.02	-		-	-	-	-	-	-	-	-
7/25/2001	6.40	6.61	6.51	6.43	5.90	-	-	5.80	5.90	5.50	-	-	-	-	-	-	7.10	7.40	7.10	-	7.08	7.03	-	6.63	-		-	-	-	-	-	-	-	-
8/9/2001	-	-	-	-	6.60	-	-	7.00	7.10	6.10	-	-	-	-	-	-	7.10	7.40	7.60	-	-	-	-	-	-		-	-	-	-	-	-	-	-
11/28/2001	6.22	6.41	6.40	6.26	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.69	6.96	-	6.90	-		-	-	-	-	-	-	-	-
4/24/2002	6.94	6.88	6.70	6.73	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6.10	-		-	-	-	-	-	-	-	-
11/20/2002	6.19	6.29	6.26	6.42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	5.94	-		-	-	-	-	-	-	-	-
4/29/2003	6.37	6.19	6.51	6.57	6.16	-	-	-	-	-	-	-	-	-	-	-	9.20	6.95	6.78	-	6.37	6.38	-	6.77	-	-	-	-	-	-	-	-	-	-
11/17/2003	-	6.72	6.47	6.66	6.35	-	-	-	-	-	-	-	-	-	-	-	7.26	6.70	6.80	-	6.59	6.82	-	6.88	-	-	-	-	-	-	-	-	-	-
4/28/2004	-	6.43	6.46	6.90	6.53	-	-	-	-	-	6.80	-	-	-	-	-	7.46	8.23	7.62	7.69	-	6.76	6.58	6.81	-	-	-	-	-	-	-	-	-	-
11/15/2004	-	6.44	6.52	6.50	6.39	-	-	-	-	-	6.45	-	-	-	-	-	7.38	7.06	6.86	-	-	6.72	6.56	6.97	-	-	-	-	-	-	-	-	-	-
4/28/2005	-	6.39	6.33	6.81	6.48	-	-	-	-	-	6.77	-	-	-	-	-	7.44	8.04	7.51	-	-	6.70	6.49	6.74	-	-	-	-	-	-	-	-	-	-
11/8/2005	-	6.45	6.67	6.65	6.42	-	-	-	-	-	6.63	-	-	-	-	-	7.41	6.86	6.88	-	-	7.08	6.64	7.23	-	-	-	-	-	-	-	-	-	-
4/17/2006	-	6.29	6.60	6.46	6.24	-	-	-	-	-	6.43	-	-	-	-	-	6.98	7.36	6.77	-	-	6.64	6.41	7.06	7.12	-	-	-	-	-	-	-	-	-
11/20/2006	-	6.10	6.35	6.46	6.23	-	-	-	-	-	6.34	-	-	-	-	-	7.13	7.32	7.28	-	-	6.46	6.33	7.11	7.62	-	-	-	-	-	-	-	-	-
5/2/2007	-	6.40	6.35	6.54	6.41	-	-	-	-	-	6.50	-	-	-	-	-	-	6.90	-	-	-	6.76	6.56	6.91	6.95	-	-	-	-	-	-	-	7.09	-
11/14/2007	-	6.29	6.38	6.49	6.35	-	-	-	-	-	6.47	-	-	-	-	-	7.09	6.87	7.16	-	-	6.61	6.44	6.98	6.90	-	-	-	-	-	-	-	7.04	-
4/25/2008		6.01	5.91	6.05	6.33	-	-	-	-	-	6.64	-	-	-	-	-	6.65	-	-	-	-	6.37	6.39	6.77	6.65	-	6.64	-	-	6.83	-	-	6.71	-
11/18/2008	-	5.96	5.97	6.11	6.37	-	-	-	-	-	Dry	-	6.56	-	-	-	7.02	6.68	-	-	-	-	6.44	6.80	6.77	-	-	-	-	6.88	-	-	6.69	-
4/27/2009	-	6.00	5.89	6.08	6.26	-	-	-	-	-	6.70	-	-	-	-	-	-	6.61	-	-	-	6.38	6.41	6.73	6.81	-	-	-	-	6.88	-	6.69	6.76	-
11/4/2009	-	5.88	6.42	6.35	6.51	-	-	-	-	-	-	-	6.42	-	-	-	7.44	6.81	7.17	-	-	6.42	6.14	6.68	-	-	-	-	-	6.83	-	6.72	6.71	-
4/20/2010	-	5.84	6.45	6.31	6.57	-	-	-	-	-	-	-	6.49	-	-	-	-	6.87	-	-	-	6.40	6.12	6.73	-	-	-	-	-	6.86	-	6.70	6.70	-
11/11/2010	-	5.83	6.51	6.41	6.56	-	-	-	-	-	-	-	6.36	-	-	-	7.31	6.77	7.13	-	-	6.39	6.08	6.56	-	-	-	-	-	6.81	-	6.77	6.63	-
4/22/2011	-	5.93	6.55	6.39	6.61	-	-	-	-	-	-	-	6.44	-	-	-	-	6.83	-	-	-	6.38	6.06	6.67	-	-	-	-	-	6.8	-	6.72	6.63	-
11/14/2011	-	5.91	6.58	6.49	6.61	-	-	-	-	-	-	-	6.29	-	-	-	7.27	6.7	7.06	-	-	6.34	6.11	6.63	-	-	-	-	-	6.78	-	6.68	6.68	-
4/30/2012	-	5.96	6.38	6.41	6.38	-	-	-	-	-	-	-	6.44	-	-	-	-	6.84	-	-	-	6.49	6.4	6.83	-	-	-	-	-	6.59	-	6.77	6.68	-
11/5/2012	-	6.02	5.66	6.48	6.38	-	-	-	-	-	-	-	6.18	-	6.23	6.7	7.68	6.84	7.16	-	-	6.51	6.33	6.9	-	-	-	-	-	6.01	-	6.85	5.87	-
5/7/2013	-	-	-	-	-	-	-	-	-	-	-	6.40	6.53	-	6.29	6.65	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/19/2013	-	6.34	6.6	6.81	6.81	-	-	-	-	-	-	6.68	6.97	-	6.55	6.79	7.91	7.16	7.21	-	-	6.98	-	7.18	-	-	-	-	-	7.45	7.48	-	-
11/3/2014	-	6.35	6.15	6.53	-	-	-	-	-	-	-	6.55	6.77	6.92	6.19	6.67	7.50	6.72	7.02	-	-	-	-	6.94	-	-	-	-	-	7.22	7.35	-	-
4/6/2015	-	7.1	6.5	6.72	-	-	-	-	-	-	-	-	6.89	-	6.36	6.75	7.75	8.1	8.15	-	-	-	-	8.05	-	-	-	-	-	-	7.41	7.46	-	-
11/17/2015	-	6.91	6.77	6.89	-	-	-	-	-	-	-	-	7.03	-	7.03	6.97	7.27	6.99	7.58	-	-	6.99	-	7.64	-	-	-	-	-	8.24	-	7.83	-	-
4/14/2016	-	6.50	6.51	6.63	-	-	-	-	-	-	-	-	6.82	-	6.39	6.78	7.17	6.99	7.78	-	-	-	-	7.48	-	-	-	-	-	-	-	7.46	-	-
11/2/2016	-	6.91	6.40	7.41	-	-	-	-	-	-	-	-	6.56	-	6.37	6.78	6.92	6.70	7.12	-	-	-	-	8.95	-	-	-	-	-	-	-	6.37	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Selenium (mg/L)

NH AGQS = 0.05 mg/L
WQCTS (Water and Fish Ingestion) = 0.170 mg/L

	Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations									Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/1P-2R Southern Spring)	GW-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	-	-	<0.01
	11/12/1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/6/1993	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	<0.01
	7/1/1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/5/1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/14/1994	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	-
	7/15/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.002
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.002
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.002
	11/18/1994	<0.002	**0.005**	<0.002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.002	-	-	-	-	-	-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01
	2/2/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.002
	4/12/1995	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	<0.005
	7/28/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005
	12/8/1995	<0.005	<0.005	**0.01**	**0.009**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.006**	-	-	-	-	-	-	-	**0.019**
	4/26/1996	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	<0.01
	7/25/1996	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.007	-	-	-	-	-	-	-	-
	11/14/1996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/21/1997	-	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-
	7/22/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/15/1998	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	**0.006**	-	-	-	-	-	-	-	-	-
	7/6/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/19/1999	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	<0.005	<0.005	-	-	-	-	-	-	-	-	-
	7/27/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/5/2000	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	-	-
	7/7/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/25/2001	**0.018**	**0.013**	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	**0.012**	<0.005	-	-	-	-	-	-	-	-	-
	7/25/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/9/2001	-	-	-	-	**0.0711**	-	-	-	-	-	-	-	-	-	-	-	**0.082**	**0.101**	<0.034	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/28/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/24/2002	<0.03	<0.03	<0.03	<0.03	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.03	-	-	-	-	-	-	-	-	-
	11/20/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/29/2003	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	<0.05	<0.05	<0.05	-	<0.05	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	11/17/2003	-	<0.05	**0.06**	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	<0.05	**0.05**	<0.05	-	-	-	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	4/28/2004	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	11/15/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/28/2005	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	11/8/2005	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	4/17/2006	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	**0.13**	-	-	-	-	-	-	-	-	-
	11/20/2006	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-
	5/2/2007	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	-	-	-	-	<0.05	-	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	-
	11/14/2007	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	-	-	-	<0.05	<0.05	<0.05	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	<0.05	-
	4/25/2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2008	-	<0.05	<0.05	<0.05	<0.05	-	-	-	-	-	Dry	-	<0.002	-	-	-	<0.05	<0.05	-	-	Dry	<0.05	<0.05	-	-	-	-	-	<0.05	-	-	<0.05	-
	11/4/2009	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	4/20/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/2010	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	4/22/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/14/2011	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	4/30/2012	-	<0.0001	<0.0001	<0.0001	<0.001	-	-	-	-	-	-	-	<0.0001	-	-	-	-	<0.0001	-	-	<0.0001	<0.0001	<0.0001	-	-	-	-	-	<0.0001	-	<0.0001	<0.0001	-
	11/5/2012	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.001	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2013	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	<0.001	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	-	<0.001	-	<0.001	-	-	-	-	-	-	<0.001	<0.001	-	-
	4/15/2014	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-	-
	11/3/2014	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-	-
	4/6/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	-
	4/14/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POST-CLOSURE	11/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Silver (mg/L)

NH AGQS = 0.10 mg/L
WQCTS (Water and Fish Ingestion) = 0.05 mg/L

	Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations									Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/1P-2R Southern Spring)	GW-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	<0.02	<0.02	<0.02	<0.02	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.02	-	-	-	-	-	-	-	-	-	<0.02
	11/12/1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/6/1993	<0.01	<0.01	<0.01	<0.01	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.01	-	-	-	-	-	-	-	<0.01
	7/1/1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/5/1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/14/1994	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.007	-	-	-	-	-	-	-	-
	7/15/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.02**
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.03**
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.01**
	11/18/1994	**0.06**	**0.03**	**0.04**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.04**	-	-	-	-	-	-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.02
	2/2/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.01**
	4/12/1995	<0.05	<0.05	<0.05	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05	-	-	-	-	-	-	-	<0.05
	7/28/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.05
	12/8/1995	<0.008	<0.008	<0.008	<0.008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.008	-	-	-	-	-	-	-	**0.011**
	4/26/1996	<0.008	<0.008	<0.008	<0.008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.008	-	-	-	-	-	-	-	<0.008
	7/25/1996	<0.003	<0.003	<0.003	<0.003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.003	-	-	-	-	-	-	-	-
	11/14/1996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/21/1997	-	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-
	7/22/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POST-CLOSURE	4/15/1998	<0.001	**0.019**	<0.001	0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-	<0.001	-	-	-	-	-	-	-	-	-
	7/6/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/19/1999	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	**0.001**	<0.001	-	-	-	-	-	-	-	-	-
	7/27/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/5/2000	**0.005**	**0.002**	**0.005**	**0.005**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.004**	-	-	-	-	-	-	-	-	-
	7/7/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/25/2001	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-
	7/25/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/9/2001	-	-	-	-	<0.013	-	-	-	-	-	-	-	-	-	-	-	<0.013	<0.013	<0.013	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/28/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/24/2002	<0.005	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	-	-	-	-
	11/20/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/29/2003	<0.007	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	-	-	-	-	-	-	<0.007	<0.007	<0.007	-	<0.007	-	<0.007	<0.007	-	-	-	-	-	-	-	-	-
	11/17/2003	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	-	-	-	-	-	-	<0.007	<0.007	<0.007	-	-	-	<0.007	<0.007	-	-	-	-	-	-	-	-	-
	4/28/2004	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	<0.007	-	-	-	-	-	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	-	-	-	-
	11/15/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/28/2005	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	<0.007	-	-	-	-	-	<0.007	<0.007	<0.007	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	-	-	-	-
	11/8/2005	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	<0.007	-	-	-	-	-	<0.007	<0.007	<0.007	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	-	-	-	-
	4/17/2006	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	<0.007	-	-	-	-	-	<0.007	<0.007	<0.007	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	-	-	-	-
	11/20/2006	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	<0.007	-	-	-	-	-	<0.007	<0.007	<0.007	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	-	-	-	-
	5/2/2007	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	<0.007	-	-	-	-	-	-	<0.007	-	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	-	-	<0.007	-
	11/14/2007	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	<0.007	-	-	-	-	-	<0.007	<0.007	<0.007	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	-	-	<0.007	-
	4/25/2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2008	-	<0.007	<0.007	<0.007	<0.007	-	-	-	-	-	Dry	-	<0.001	-	-	-	<0.007	<0.007	-	-	Dry	<0.007	<0.007	-	-	-	-	-	-	<0.007	-	-	<0.007	-
	11/4/2009	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	4/20/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/2010	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	4/22/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/14/2011	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	<0.001	<0.001	<0.001	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	4/30/2012	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	-	<0.001	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	11/5/2012	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	-	<0.001	-	<0.001	<0.001	<0.001	<0.001	-	-	<0.001	<0.001	<0.001	-	-	-	-	-	<0.001	-	<0.001	<0.001	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	-	<0.001	<0.001	-	<0.001	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2013	-	<0.001	<0.001	<0.001	<0.001	-	-	-	-	-	-	<0.001	<0.001	-	<0.001	<0.001	<0.001	<0.001	<0.001	-	<0.001	-	<0.001	-	-	-	-	-	-	<0.001	<0.001	-	-
	4/15/2014	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-	-	-
	11/3/2014	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	<0.001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-	-	-
	4/6/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001	-	-	-	-	-	-	-	<0.001	-	-	-	-
	4/14/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Specific Conductance (mg/L)

NH AGQS = NE
WQCTS (Water and Fish Ingestion) = NE

Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations				Surface Water Monitoring Stations									Leachate Monitoring Well
	RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/ Southern Spring)	SW-P-2 (P-2/1P-2R Southern Spring)	GW-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
5/27/1992	150	370	910	1,400	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	510	-	-	-	-	-	-	-	-	-	-	7,500
11/12/1992	130	347	858	1,270	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	630	-	-	-	-	-	-	-	-
4/6/1993	180	340	699	855	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	148	-	-	-	-	-	-	-	6,790
7/1/1993	134	368	991	1,350	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	721	-	-	-	-	-	-	-	-
11/5/1993	136	352	943	1,310	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	727	-	-	-	-	-	-	-	5,830
4/14/1994	69	350	710	958	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	280	-	-	-	-	-	-	-	-
7/15/1994	77	335	740	1,200	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	665	-	-	-	-	-	-	-	-
11/18/1994	140	340	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	800	-	-	-	-	-	-	-	-
7/22/1997	189	1,024	202	156	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1,274	1,107	-	166	-	-	-	-	-	-	-	-	-	-
7/22/1999	117	325	1,076	1,100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	615	1,045	-	610	-	-	-	-	-	-	-	-	-	-
4/25/2001	261	327	887	847	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	314	274	-	371	-	-	-	-	-	-	-	-	-	-
7/25/2001	229	301	1,390	982	810	-	-	504	296	805	-	-	-	-	-	-	530	290	585	-	131	494	-	261	-	-	-	-	-	-	-	-	-	-
8/9/2001	-	-	-	-	662	-	-	435	225	-	-	-	-	-	-	-	603	769	279	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
11/28/2001	590	387	1,610	984	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	470	477	-	398	-	-	-	-	-	-	-	-	-	-
4/24/2002	266	349	912	940	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	307	-	-	-	-	-	-	-	-	-	-
11/20/2002	192	355	822	782	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	291	-	-	-	-	-	-	-	-	-	-
4/29/2003	535	94	1,003	431	346	-	-	-	-	-	-	-	-	-	-	-	586	696	224	-	259	573	-	140	-	-	-	-	-	-	-	-	-	-
11/17/2003	-	117	968	412	362	-	-	-	-	-	-	-	-	-	-	-	613	712	242	-	230	508	-	103	-	-	-	-	-	-	-	-	-	-
4/28/2004	-	542	1,017	760	405	-	-	-	-	-	936	-	-	-	-	-	596	553	382	342	-	247	270	762	-	-	-	-	-	-	-	-	-	-
11/15/2004	-	226	1,262	794	251	-	-	-	-	-	580	-	-	-	-	-	436	402	204	-	-	199	180	406	-	-	-	-	-	-	-	-	-	-
4/28/2005	-	558	1,093	717	390	-	-	-	-	-	909	-	-	-	-	-	559	561	366	-	-	240	235	723	-	-	-	-	-	-	-	-	-	-
11/8/2005	-	268	1,330	905	554	-	-	-	-	-	855	-	-	-	-	-	623	711	284	-	-	265	397	581	-	-	-	-	-	-	-	-	-	-
4/17/2006	-	205	1,231	606	301	-	-	-	-	-	548	-	-	-	-	-	393	324	218	-	-	170	255	464	320	-	-	-	-	-	-	-	-	-
11/20/2006	-	274	796	756	1,050	-	-	-	-	-	718	-	-	-	-	-	582	308	257	-	-	197	363	442	113	-	-	-	-	-	-	-	-	-
5/2/2007	-	358	603	707	508	-	-	-	-	-	121	-	-	-	-	-	-	627	-	-	-	308	363	517	347	-	-	-	-	-	-	-	119	-
11/14/2007	-	303	633	715	510	-	-	-	-	-	975	-	-	-	-	-	525	605	229	-	-	217	344	485	208	-	-	-	-	-	-	-	97	-
4/25/2008	-	367	681	856	700	-	-	-	-	-	913	-	-	-	-	-	-	668	-	-	-	325	246	517	257	-	-	-	-	165	-	-	155	-
11/18/2008	-	341	634	871	765	-	-	-	-	-	-	-	417	-	-	-	487	677	-	-	-	-	255	492	249	-	-	-	-	137	-	-	131	-
4/27/2009	-	367	636	835	712	-	-	-	-	-	938	-	-	-	-	-	-	625	-	-	-	317	226	502	117	-	-	-	-	131	-	248	130	-
11/4/2009	-	350	1,062	1,070	338	-	-	-	-	-	-	-	607	-	-	-	668	554	217	-	-	330	264	481	-	-	-	-	-	114	-	262	106	-
4/20/2010	-	347	1,071	1,019	321	-	-	-	-	-	-	-	618	-	-	-	-	568	-	-	-	322	249	446	-	-	-	-	-	105	-	250	93	-
11/11/2010	-	344	1,138	1,048	322	-	-	-	-	-	-	-	592	-	-	-	683	561	202	-	-	338	246	456	-	-	-	-	-	119	-	240	98	-
4/22/2011	-	339	1033	987	337	-	-	-	-	-	-	-	641	-	-	-	-	554	-	-	-	308	228	461	-	-	-	-	-	96	-	227	67	-
11/14/2011	-	267	628	692	416	-	-	-	-	-	-	-	568	-	-	-	515	626	214	-	-	304	234	422	-	-	-	-	-	174	-	212	151	-
4/30/2012	-	290	918	844	301	-	-	-	-	-	-	-	509	-	-	-	-	500	-	-	-	288	251	426	-	-	-	-	-	133	-	71	92	-
11/5/2012	-	248	467	703	286	-	-	-	-	-	-	-	546	-	421	649	446	500	228	-	-	231	212	408	-	-	-	-	-	151	-	88	100	-
5/7/2013	-	-	-	-	-	-	-	-	-	-	-	559	579	-	449	691	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/19/2013	-	346	880	808	595	-	-	-	-	-	-	614	588	-	578	570	605	819	221	-	-	339	-	498	-	-	-	-	-	-	496	520	-	-
11/3/2014	-	344	612	786	-	-	-	-	-	-	-	547	688	329	676	610	583	839	241	-	-	-	-	577	-	-	-	-	-	-	528	510	-	-
4/6/2015	-	306	482	786	-	-	-	-	-	-	-	-	571	-	828	629	571	897	834	-	-	-	-	275	-	-	-	-	-	-	712	478	-	-
11/17/2015	-	235	469	537	-	-	-	-	-	-	-	-	495	-	625	482	404	239	155	-	-	239	-	410	-	-	-	-	-	167	-	345	-	-
4/14/2016	-	211	381	537	-	-	-	-	-	-	-	-	543	-	543	411	452	698	195.7	-	-	-	-	292	-	-	-	-	-	-	-	407	-	-
11/2/2016	-	277	435	632	-	-	-	-	-	-	-	-	538	-	762	383	490	518	190	-	-	-	-	518	-	-	-	-	-	-	-	392	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

VOCs (mg/L)

	Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations									Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/ South Spring)	GZ-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	BDL	BDL	BDL	**6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-	**-**	-	-	-	-	-	-	-	-	-	**11,122**
	11/12/1992	BDL	BDL	BDL	**3.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	-	-	-	-	-	-	-
	4/6/1993	BDL	BDL	BDL	BDL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	-	-	-	-	-	-	**1,338.6**
	7/1/1993	BDL	BDL	**25.17**	**5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	-	-	-	-	-	-	-
	11/5/1993	BDL	BDL	BDL	BDL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	-	-	-	-	-	-	**154.6**
	4/14/1994	BDL	BDL	**3.5**	**17**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	-	-	-	-	-	-	-
	7/15/1994	BDL	BDL	BDL	**7.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	-	-	-	-	-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**697.1**
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**801.5**
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**731.5**
	11/18/1994	BDL	BDL	**6.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	-	-	-	-	-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1,443**
	2/2/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**283.4**
	4/12/1995	BDL	BDL	BDL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	-	-	-	-	-	-	**235.5**
	7/28/1995	BDL	BDL	DA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	DA	-	-	-	-	-	-	-	**260.3**
	12/8/1995	BDL	BDL	**4**	**11**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**4**	-	-	-	-	-	-	-	**201.5**
	4/26/1996	BDL	BDL	**14.2**	**39.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	-	-	-	-	-	-	**2,279.6**
	7/25/1996	BDL	BDL	**4.1**	**49.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	-	-	-	-	-	-	-
	11/14/1996	-	BDL	**4.7**	**332.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	BDL	BDL	-	-	-	-	-	-	-	-	-
	4/21/1997	-	BDL	**2.9**	**24.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	BDL	BDL	-	-	-	-	-	-	-	-	-
	7/22/1997	BDL	BDL	**3**	BDL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	BDL	BDL	-	-	-	-	-	-	-	-	-
	11/11/1997	**4.6**	BDL	BDL	**26.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	BDL	BDL	-	-	-	-	-	-	-	-	-
	4/15/1998	BDL	**3**	BDL	**27**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**11**	-	-	BDL	-	-	-	-	-	-	-	-	-
POST-CLOSURE	7/6/1998	-	**4**	BDL	**93.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**8.2**	-	**2.1**	BDL	-	-	-	-	-	-	-	-	-
	11/16/1998	DA	**19.9**	DA	**27.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**6.2**	-	DA		-	-	-	-	-	-	-	-	-
	4/19/1999	BDL	BDL	**2.8**	**7.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	**2.4**	BDL	-	-	-	-	-	-	-	-	-
	7/27/1999	BDL	BDL	BDL	**4.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	BDL	BDL	-	-	-	-	-	-	-	-	-
	11/18/1999	BDL	BDL	**4.6**	BDL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	**2.1**	BDL	-	-	-	-	-	-	-	-	-
	5/5/2000	BDL	BDL	BDL	**10.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	-	-	-	-	-	-	-	-
	7/7/2000	BDL	BDL	BDL	**2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	BDL	BDL	-	-	-	-	-	-	-	-	-
	11/16/2000	BDL	BDL	BDL	**3.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	BDL	BDL	-	-	-	-	-	-	-	-	-
	4/25/2001	BDL	BDL	**2.1**	**6.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**76**	-	BDL	BDL	-	-	-	-	-	-	-	-	-
	7/25/2001	BDL	BDL	BDL	**10**	BDL	-	-	BDL	BDL	BDL	-	-	-	-	-	-	**17**	BDL	BDL	-	BDL	-	BDL	BDL	-	-	-	-	-	-	-	-	-
	8/9/2001	-	-	-	-	BDL	-	-	BDL	BDL	BDL	-	-	-	-	-	-	**3.1**	**2**	BDL	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/28/2001	BDL	BDL	BDL	**6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	BDL	BDL	-	-	-	-	-	-	-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		-	-	-	-	-	-	-	-	-
	4/24/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/20/2002	BDL	BDL	BDL	**11**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	-	-	-	-	-	-	-	-
	4/29/2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2003	-	BDL	BDL	**2**	BDL	-	-	-	-	-	-	-	-	-	-	-	BDL	**3**	BDL	-	BDL	-	BDL	BDL	-	-	-	-	-	-	-	-	-
	4/28/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/15/2004	-	BDL	BDL	**5**	BDL	-	-	-		-	BDL	-	-	-	-	-	BDL	BDL	BDL	-	**10**	BDL	BDL	BDL	-	-	-	-	-	-	-	-	-
	4/28/2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/8/2005	-	BDL	BDL	**2.2**	BDL	-	-	-	-	-	BDL	-	-	-	-	-	BDL	BDL	BDL	-	**8.7**	BDL	BDL	**14**	-	-	-	-	-	-	-	-	-
	4/17/2006	-	-	-	**-**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-	-	**-**	-	-	-	-	-	-	-	-	-
	11/20/2006	-	BDL	**3**	BDL	BDL	-	-	-	-	-	**6**	-	**-**	-	**-**	**-**	BDL	**23**	BDL	-	**19**	BDL	**21**	BLD	-	-	-	-	-	-	-	-	-
	5/2/2007	-	-	**-**	-	-	-	-	-	-	-	**-**	-	**-**	-	**-**	**-**	-	**-**	-	-	-	-	**-**	-	-	-	-	-	-	-	-	-	-
	11/14/2007	-	BDL	BDL	BDL	BDL	-	-	-	-	-	**8**	-	**-**	-	**-**	**-**	BDL	BDL	BDL	-	BDL	BDL	**14**	BDL	-	-	-	-	-	-	-	BDL	-
	4/25/2008	-	**-**	**-**	**-**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2008	-	BDL	BDL	BDL	BDL	-	-	-	-	-	**13**	-	**2.5**	-	**-**	**-**	BDL	BDL	**-**	-	Dry	BDL	**4**	BDL	-	-	-	-	BDL	-	-	-	-
	11/4/2009	-	BDL	BDL	BDL	BDL	-	-	-	-	-	-	-	BDL	-	**-**	**-**	BDL	BDL	BDL	-	BDL	BDL	BDL	BDL	-	-	-	-	BDL	-	BDL	-	-
	4/20/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/2010	-	BDL	BDL	BDL	BDL	-	-	-	-	-	-	-	BDL	-	**-**	**-**	BDL	BDL	BDL	-	BDL	BDL	BDL	-	-	-	-	-	BDL	-	BDL	BDL	-
	4/22/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	**-**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/14/2011	-	BDL	BDL	BDL	BDL	-	-	-	-	-	-	-	BDL	-	**-**	**-**	BDL	BDL	BDL	-	BDL	BDL	**21**	-	-	-	-	-	BDL	-	BDL	BDL	-
	4/30/2012	-	BDL	BDL	BDL	BDL	-	-	-	-	-	-	-	BDL	-	**-**	**-**	-	BDL	-	-	**1**	BDL	BDL	-	-	-	-	-	BDL	-	BDL	BDL	-
	11/5/2012	-	BDL	BDL	BDL	BDL	-	-	-	-	-	-	-	BDL	-	BDL	BDL	BDL	BDL	-	-	BDL	BDL	**3**	-	-	-	-	-	BDL	-	BDL	BDL	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	-	BDL	BDL	-	BDL	**5**	-	-	-	-	-	-	**-**	-	-	-	-	-	-	-	-	-	-
	12/19/2013	-	BDL	BDL	BDL	BDL	-	-	-	-	-	-	BDL	BDL	-	BDL	**2**	BDL	BDL	BDL	-	**8**	-	**11**	-	-	-	-	-	-	BDL	BDL	-	-
	4/15/2014	-	-	-	-	-	-	-	-	-	-	-	BDL	-	BDL	-	**-**	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	-	-
	11/3/2014	-	-	-	-	-	-	-	-	-	-	-	BDL	-	BDL	-	**-**	-	-	-	-	-	-	-	-	-	-	-	-	-	BDL	-	-	-
	4/6/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2015	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**-**	-	-	-	-	BDL	-	-	-	-	-	-	-	BDL	-	-	-	-
	4/14/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/2/2016	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

TKN (mg/L)

NH AGQS = NE
WQCTS = NE

	Sampling Date	Overburden Monitoring Wells																Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations			Surface Water Monitoring Stations									Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-102	GZ-104	GZ-106	GZ-201	GZ-202A	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/ South Spring)	GZ-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	SW-16	SW-17	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	**0.5**	**0.5**	**1.2**	**8.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**150**
	11/12/1992	**0.665**	**0.904**	**0.477**	**7.50**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.425**	-	-	-	-	-	-	-
	4/6/1993	**2.09**	**1.39**	**1.39**	**7.65**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.39**	-	-	-	-	-	-	**207**
	7/1/1993	<1.0	<1.0	**24**	**10**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**9.1**	-	-	-	-	-	-	-
	11/5/1993	**0.164**	**0.164**	**0.789**	**8.24**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**2.2**	-	-	-	-	-	-	**213**
	4/14/1994	**0.393**	**0.241**	**1.24**	**7.08**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.685**	-	-	-	-	-	-	-
	7/15/1994	**0.317**	**0.099**	**0.404**	**6.47**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.343**	-	-	-	-	-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	2/2/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/12/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/28/1995	**1.64**	<1	**3.47**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<1	-	-	-	-	-	-	-
	12/8/1995	**0.56**	**0.31**	**3.8**	**7.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**8.7**	-	-	-	-	-	-	-
	4/26/1996	<1	**0.24**	**2.5**	**1.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.28**	-	-	-	-	-	-	-
	7/25/1996	**0.05**	**0.15**	**2.6**	**7.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.4**	-	-	-	-	-	-	-
	11/14/1996	-	**0.69**	**11**	**19**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.12**	-	**0.74**	**0.52**	-	-	-	-	-	-	-	-
	4/21/1997	-	**0.61**	**1.5**	**14**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.34**	-	**2.1**	**1.4**	-	-	-	-	-	-	-	-
	7/22/1997	**0.27**	**0.61**	**1.29**	**10.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**2.45**	-	**3.36**	**0.44**	-	-	-	-	-	-	-	-
	11/11/1997	**0.3**	**1.9**	**0.2**	**0.2**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.4**	-	**1.5**	**0.8**	-	-	-	-	-	-	-	-
	4/15/1998	<0.1	**0.95**	**1.5**	**2.7**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.5**	-	-	**1.1**	-	-	-	-	-	-	-	-
	7/6/1998	-	**1.8**	**1.4**	**2.9**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**3.2**	-	**4.3**	**0.3**	-	-	-	-	-	-	-	-
	11/16/1998	**2.2**	**0.27**	**1.8**	**6.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.16**	-	**0.47**	**3.6**	-	-	-	-	-	-	-	-
	4/19/1999	<0.5	<0.5	**1.6**	**4.1**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.6**	-	<0.5	<0.5	-	-	-	-	-	-	-	-
	7/27/1999	<0.01	<0.01	**1.9**	**5.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1.3**	-	**1.5**	**0.8**	-	-	-	-	-	-	-	-
	11/18/1999	<0.5	<0.5	**5.3**	**4.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	**2.4**	**2**	-	-	-	-	-	-	-	-
	5/5/2000	<0.5	<0.5	**2.7**	**5.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.5	-	-	-	-	-	-	-	-
	7/7/2000	<0.5	<0.5	**3.5**	**3.4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.5**	-	**0.5**	<0.5	-	-	-	-	-	-	-	-
	11/16/2000	**1.3**	**0.5**	**2.5**	**3.6**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1**	-	**4.1**	**45.2**	-	-	-	-	-	-	-	-
	4/25/2001	**0.7**	ND	**1.8**	**5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**4**	-	**5**	**2.2**	-	-	-	-	-	-	-	-
	7/25/2001	**0.8**	<0.3	**1.1**	**4.3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**1**	-	**4**	**16**	-	-	-	-	-	-	-	-
	8/9/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/28/2001	**0.6**	**0.3**	**1.2**	**4**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.4**	-	-	**77**	-	-	-	-	-	-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/24/2002	**0.4**	**0.2**	**1.1**	**3**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.8**	-	-	-	-	-	-	-	-
	11/20/2002	**0.4**	**0.5**	**1.3**	**3.5**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.8**	-	-	-	-	-	-	-	-
	4/29/2003	<0.3	<0.3	**1.2**	**3.8**	**0.4**	-	-	-	-	-	-	-	-	-	-	-	**1.1**	**0.5**	<0.3	-	**1.3**	-	**1.1**	<0.3	-	-	-	-	-	-	-	-
	11/17/2003	-	**0.7**	**1.2**	**2.6**	**1.1**	-	-	-	-	-	-	-	-	-	-	-	**1.1**	**3.1**	<0.3	-	-	-	**3.5**	**0.4**	-	-	-	-	-	-	-	-
	4/28/2004	-	**5.0**	**0.8**	**2.8**	**1.2**	-	-	-	-	-	**2.0**	-	-	-	-	-	**0.4**	**3.0**	<0.3	<0.3	**5.1**	**1.2**	**1.5**	**0.7**	-	-	-	-	-	-	-	-
	11/15/2004	-	**0.8**	**2.2**	**3.2**	**0.4**	-	-	-	-	-	**3.5**	-	-	-	-	-	<0.3	**0.8**	<0.3	-	**3.9**	<1.5	**2.5**	**1.2**	-	-	-	-	-	-	-	-
	4/28/2005	-	**0.8**	**0.5**	**1.9**	**0.4**	-	-	-	-	-	**1.5**	-	-	-	-	-	<0.3	**0.4**	<0.3	-	**4.3**	**0.4**	**1.8**	**0.7**	-	-	-	-	-	-	-	-
	11/8/2005	-	**0.5**	**0.5**	**6.2**	**0.4**	-	-	-	-	-	**1.7**	-	-	-	-	-	<0.3	**14.7**	**0.3**	-	**5.8**	**1.2**	**5.1**	**1.2**	-	-	-	-	-	-	-	-
	4/17/2006	-	**0.3**	**0.6**	**5.4**	**0.6**	-	-	-	-	-	**2.4**	-	-	-	-	-	**0.3**	**3.5**	**1.1**	-	**12.1**	**2.2**	**4.9**	**20.0**	-	-	-	-	-	-	-	-
	11/20/2006	-	**1.3**	**1.7**	**6.2**	<1	-	-	-	-	-	**2.2**	-	-	-	-	-	<1	**14**	**1.3**	-	**77**	**6.0**	**110**	<1	-	-	-	-	-	-	-	-
	5/2/2007	-	<0.5	**0.7**	**4**	<0.5	-	-	-	-	-	**3.9**	-	-	-	-	-	-	**1.5**	-	-	**36**	**2.1**	**7**	<0.5	-	-	-	-	-	-	<0.5	-
	11/14/2007	-	<0.5	<0.5	**3.9**	**0.5**	-	-	-	-	-	**1.3**	-	**0.6**	-	-	-	<0.5	<0.5	**1.0**	-	**17**	**2.1**	**7.1**	**1.4**	-	-	-	-	-	-	**1.0**	-
	4/25/2008	-	<0.5	**1.1**	**3.6**	**0.6**	-	-	-	-	-	**1.3**	-	-	-	-	-	-	<0.5	-	-	**1.9**	**0.9**	**0.8**	<0.5	-	-	-	-	<0.5	-	<0.5	-
	11/18/2008	-	<0.5	**0.6**	**6.1**	<0.5	-	-	-	-	-	**2.7**	-	**0.91**	-	-	-	<0.5	**2.8**	-	-	Dry	<0.5	**0.8 M**	<0.5	-	-	-	-	<0.5	-	-	-
	4/27/2009	-	<0.5	<0.5	**4.3**	**0.7**	-	-	-	-	-	<0.5	-	-	-	-	-	-	<0.5	-	-	**4.0**	<0.5	**1.7**	**0.9**	-	-	-	-	<0.5	-	<0.5	-
	11/4/2009	-	<0.5	<0.5	**4.6**	<0.5	-	-	-	-	-	-	-	<0.5	-	-	-	<0.5	**1.3**	<0.5	-	**2.2**	<0.5	**1.6**	-	-	-	-	-	**0.7**	-	<0.5	<0.5	-
	4/20/2010	-	<0.5	**0.7**	**3.4**	**0.6**	-	-	-	-	-	-	-	<0.5	-	-	-	-	**0.7**	-	-	**4.8**	<0.5	**0.9**	-	-	-	-	-	<0.5	-	<0.5	<0.5	-
	11/11/2010	-	**0.6**	<0.5	**4.0**	<0.5	-	-	-	-	-	-	-	<0.5	-	-	-	<0.5	**<0.5**	<0.5	-	**2.8**	<0.5	**1.9**	-	-	-	-	-	<0.5	-	<0.5	**0.6**	-
	4/22/2011	-	<0.5	<0.5	**1.8**	<0.5	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	-	-	**2.9**	<0.5	**1.5**	-	-	-	-	-	<0.5	-	<0.5	<0.5	-
	11/14/2011	-	**0.5**	**0.8**	**2.9**	**0.6**	-	-	-	-	-	-	-	<0.5	-	-	-	<0.5	**0.5**	<0.5	-	**2.9**	<0.5	**17**	-	-	-	-	-	<0.5	-	<0.5	<0.5	-
	4/30/2012	-	<0.5	**0.6**	**3.5**	<0.5	-	-	-	-	-	-	-	<0.5	-	-	-	-	<0.5	-	-	**3.2**	<0.5	**2.1**	-	-	-	-	-	<0.5	-	<0.5	<0.5	-
	11/5/2012	-	<0.5	**0.8**	**3.1**	**0.6**	-	-	-	-	-	-	-	**1.2**	-	<0.5	**3.7**	<0.5	**0.5**	-	-	**1.8**	<0.5	**2.2**	-	-	-	-	-	**0.7**	-	<0.5	**0.6**	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	-	**0.8**	**0.8**	-	<0.5	**1.8**	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2013	-	**5.8**	**1.1**	**2.2**	**1.6**	-	-	-	-	-	-	**0.5**	**2.0**	-	**0.6**	**1.4**	**0.8**	**0.7**	**0.7**	-	**2.0**	-	**1.8**	-	-	-	-	-	-	**1.3**	<0.5	-	-
	4/15/2014	-	**7.3**	<0.5	**2.1**	**0.9**	-	-	-	-	-	-	<0.5	**0.9**	<0.5	<0.5	**2.0**	<0.5	**0.5**	-	-	-	**-**	**2.2**	-	-	-	-	-	**-**	<0.5	**0.7**	-	-
	11/3/2014	-	**13**	**0.5**	**1.4**	**-**	-	-	-	-	-	-	<0.5	**1.3**	**0.6**	<0.5	**1.5**	<0.5	**3.9**	<0.5	-	-	**-**	**3.0**	-	-	-	-	-	**-**	<0.5	**0.7**	-	-
	4/6/2015	-	**8.9**	**0.5**	**3.9**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	-	**1.2**	-	<0.5	**2.6**	<0.5	**1.2**	<0.5	-	-	-	**1.3**	-	-	-	-	-	-	<0.5	<0.5	-	-
	11/17/2015	-	**3.4**	**1.2**	**1.4**	-	-	-	-	-	-	-	-	**1.2**	-	<0.5	**2.6**	<0.5	**0.5**	<0.5	-	**2.7**	-	**1.5**	-	-	-	-	-	**0.7**	-	**0.5**	-	-
	4/14/2016	-	<0.5	<0.5	**2.3**	-	-	-	-	-	-	-	-	<0.5	-	<0.5	**1.8**	**0.6**	**0.6**	<0.5	-	-	-	**0.8**	-	-	-	-	-	-	-	**0.5**	-	-
POST-CLOSURE	11/2/2016	-	**4.2**	**0.6**	**5.1**	-	-	-	-	-	-	-	-	**0.9**	-	<0.5	**0.9**	<0.5	**3.1**	<0.5	-	-	-	**2.4**	-	-	-	-	-	-	-	<0.5	-	-

See last page for notes.

TABLE 1
HISTORIC WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Thallium (mg/L)

NH AGQS = 0.002 mg/L
WQCTS (Water and Fish Ingestion) = 0.0017 mg/L

	Sampling Date	Overburden Monitoring Wells												Bedrock Monitoring Wells				Groundwater Seep Monitoring Stations		Surface Water Monitoring Locations								Leachate Monitoring Well
		RFW-1	RFW-2	RFW-3	RFW-4	GZ-1U	GZ-2	GZ-3	GZ-4	GZ-5	GZ-6	GZWP-1	GZ-104	GZ-1L	GZ-2L	GZ-3L	Giancola Residence	SW-P-2 (P-2/1P-2R Southern Spring)	GZ-P-5R	SW-P-9 (P-9/1P-9R Northern Spring)	SW-1	SW-5	SW-10	SW-11	SW-12	SW-13	Exeter River	MW-6
PRE-CLOSURE	5/27/1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/12/1992	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/6/1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/1/1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/5/1993	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/14/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/15/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/30/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.023**
	9/6/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.001**
	10/11/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001
	11/18/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/23/1994	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.04
	2/2/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.001
	4/12/1995	<0.005	<0.005	<0.005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005	-	-	-	-	-	<0.005
	7/28/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	<0.005
	12/8/1995	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.24**
	4/26/1996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	**0.06**
	7/25/1996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/14/1996	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/21/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
POST-CLOSURE	7/22/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/1997	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/15/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/6/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/1998	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/19/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/27/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/1999	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/5/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/7/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/16/2000	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/25/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	7/25/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	8/9/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/28/2001	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	1/17/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/24/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/20/2002	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/29/2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/17/2003	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/28/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/15/2004	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/28/2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/8/2005	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/17/2006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/20/2006	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/2/2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/14/2007	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/25/2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/18/2008	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/27/2009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/4/2009	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/20/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/11/2010	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/22/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/14/2011	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/30/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/5/2012	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	5/7/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	12/19/2013	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	4/15/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	11/3/2014	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

See last page for notes.

TABLE 1
HISTORICAL WATER QUALITY DATA SUMMARY
Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

NOTES:

1. Concentrations are in milligrams per liter (mg/L) or micrograms per liter (µg/L) as indicated.
2. "-" indicates that measurement were not made/not applicable.
3. "< " indicates the parameter was not detected above the detection limit shown.
4. **Bold** face print indicates detection.
5. "NH AGQS" indicates New Hampshire Ambient Groundwater Quality Standards as defined in the New Hampshire Code of Administrative Rules Env-Or 603.03 revised October 22, 2016.
6. Shading indicates that the measured level exceeds its NH AGQS, Secondary Maximum Contaminant Level (SMCL), or Water Quality Criteria for Toxic Substances (WQCTS) as defined by the New Hampshire Code of Administrative Rules Env-Wq 1703.23, adopted November 17, 2016. For groundwater monitoring locations where NH AGQS are not established for the referenced parameter SMCLs are used to shade data. For surface water monitoring locations where WQCTS are not established for the referenced parameter NH AGQS are used to shade data.
7. "NE" indicates none established.
8. "DA" indicates that the Chain-of-Custody indicates a sample taken and a volatile organic compound (VOC) laboratory report was not available.
9. Water quality data were compiled by GZA GeoEnvironmental, Inc. from analytical laboratory reports provided by the Town of Exeter.
10. "BDL" indicates target VOCs for the method used were below laboratory detection limits.
11. "µS/cm" indicates microseimens per centimeter.
12. “M” indicates that the percent recovery for the matrix was outside of the acceptance criteria. Refer to analytical reports for additional information.
13. The analytical laboratory reports provided by Resource Environmental Group for groundwater monitoring wells RFW-2, RFW-3 and RFW-4 during November 2006 are mislabeled GZ-2, GZ-3 and GZ-4, respectively.
14. The groundwater elevation data provided by Resource Environmental Group for GZ-2U during November 2006 is mislabeled GZ-2M.
15. For 11/14/2007 the percent recovery for sample P-9R for chloride was 85.
16. Please note that based on review of historic chain-of-custody forms, samples for metals analyses collected from groundwater monitoring wells have been field filtered and represent dissolved metals analyses. Samples collected from surface water location SW-1 have not been field filtered and represent total metals analyses. Samples collected at P-2 (southern spring) and P-9 (northern spring) through 2002 were also not field filtered and represent total metals analyses. Samples collected from the replacement well points (P-2R, P-5R, and P-9R) during 2006 were field filtered. For further information regarding historic sampling procedures, please refer to Section 5.2.4 (Review of Historic Total Metals and Dissolved Metals Analyses) of GZA’s May 10, 2002 report.
17. Landfill water quality monitoring associated with the samples labeled P-2 and P-9 has been performed by Mr. Tom Walker of REG. Based on conversations with Mr. Walker during a site visit on April 17, 2002, the samples designated P-2 and P-9 on laboratory reports and chain-of-custody forms since November 1996 (the start of routine sampling of P-2 and P-9) were collected from surface water proximate to P-2 and about 300 feet south of P-9 from November 1996 through November 2001. The locations sampled from November 1996 through November 2001 are designated SW-P-2 and SW-P-9 on ***Figure 1***. The data from these locations represent total metals analyses of surface water. Replacement groundwater well points designated P-2R and P-9R have been sampled since November 2001.

TABLE 2A
LANDFILL GAS DATA SUMMARY
(Historical Monitoring Locations)

Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Sample Date	Air Temperature (°C)	Barometric Pressure (mb)	Sampled By	GMW-1						GMW-2						GMW-3					
				CGI		Infrared Detector				CGI		Infrared Detector				CGI		Infrared Detector			
				O_2%	LEL%	LEL%	CH_4%	CO_2%	O_2%	O_2%	LEL%	LEL%	CH_4%	CO_2%	O_2%	O_2%	LEL%	LEL%	CH_4%	CO_2%	O_2%
11-14-96[1]	-	-	RLI	-	12.0	-	-	-	-	-	42.0	-	-	-	-	-	52.0	-	-	-	-
04-21-97[2]	-	-	RLI	9.5	92.0	-	-	-	-	6.3	95.0	-	-	-	-	20.6	0.0	-	-	-	-
05-16-97	-	-	GZA	1.3	31.0	-	-	-	-	3.0	44.0	-	-	-	-	2.0	44.0	-	-	-	-
05-19-97[3]	-	-	GZA	-	-	-	54.4	35.6	0.9	-	-	-	23.4	24.3	2.8	-	-	-	0.9	0.7	20.0
07-08-97[4]	-	-	GZA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
07-09-97[3]	-	-	GZA	-	-	-	56.1	41.3	0.0	-	-	-	12.4	2.7	19.3	-	-	-	3.3	1.9	19.3
07-14-97[3]	-	-	GZA	-	-	-	51.5	39.0	0.0	-	-	-	25.4	28.4	2.1	-	-	-	0.0	0.0	20.7
07-23-97[3]	-	-	GZA	-	-	-	50.1	38.7	0.0	-	-	-	10.3	2.6	18.6	-	-	-	0.0	0.0	20.3
08-29-97[6]	-	-	GZA	-	-	-	54.4	38.5	0.1	-	-	-	17.0	24.5	6.0	-	-	-	0.0	0.0	20.0
11-03-97[7]	-	-	GZA	-	-	-	47.5	35.1	0.1	-	-	-	22.8	26.0	3.3	-	-	-	14.4	24.7	0.8
01-08-98[8]	-	-	GZA	-	-	-	49.3	31.3	0.0	-	-	-	10.2	10.8	10.5	-	-	-	20.1	23.0	0.0
03-23-98[8]	-	-	GZA	-	-	-	52.8	32.8	0.8	-	-	-	30.1	28.1	1.0	-	-	-	26.2	25.9	1.5
04-14-98[9]	-	-	GZA	-	-	-	51.7	35.5	0.0	-	-	-	23.7	27.9	0.0	-	-	-	25.9	27.1	0.0
06-24-98[10]	-	-	GZA	-	-	-	56.7	35.5	0.0	-	-	-	3.8	5.5	15.8	-	-	-	27.9	29.3	0.0
08-26-98[10]	-	-	GZA	-	-	-	52.2	39.8	0.2	-	-	-	4.8	17.3	6.5	-	-	-	0.0	0.2	20.9
01/12/99[11]	-	-	GZA	-	-	-	42.5	34.4	0.2	-	-	-	19.3	27.2	0.6	-	-	-	21.3	27.4	0.8
04/19/99[8]	-	-	GZA	-	-	-	44.5	29.5	0.0	-	-	-	5.8	9.0	12.4	-	-	-	24.3	24.2	2.6
04/02/01[12]	-	-	GZA	-	-	-	25.0	15.3	11.3	-	-	-	1.8	2.6	19.5	-	-	-	38.5	26.7	0.0
08/20/02[12]	-	-	GZA	-	-	-	38.0	32.0	0.2	-	-	-	3.1	5.6	12.2	-	-	-	0.0	7.1	11.7
06/17/03[12]	-	-	GZA	-	-	-	43.0	28.0	0.0	-	-	-	1.9	8.1	11.4	-	-	-	24.5	24.0	0.1
05/19/04[12]	17.2	1009 - 1013	GZA	-	-	-	14.0	9.4	9.6	-	-	-	0.0	1.5	19.2	-	-	-	29.0	26.0	1.2
09/14/04[12]	22.2	1009 - 1011	GZA	-	-	-	47.5	27.0	0.0	-	-	-	0.0	2.7	17.5	-	-	-	24.5	27.0	0.0
10/5/04[12]	10.0	1014 - 1019	GZA	-	-	-	48.5	29.0	0.0	-	-	-	1.5	8.3	12.0	-	-	-	25.0	25.0	0.0
10/21/04[12]	8.9	1024	GZA	-	-	-	43.5	27.0	0.0	-	-	-	0.1	8.3	11.4	-	-	-	23.0	23.0	0.0
12/17/04[12]	-	1008 - 1011	GZA	-	-	-	0.6	2.5	19.3	-	-	-	6.4	7.1	14.3	-	-	-	30.5	24.0	0.2
6/20/05[12]	-	1014 - 1019	GZA	-	-	-	43.0	26.0	0.0	-	-	-	0.0	4.0	15.5	-	-	-	30.0	24.0	0.0
11/7/05[12]	-	982 - 997	GZA	-	-	-	-	-	-	-	-	-	0.0	4.3	15.4	-	-	-	19.5	25.0	0.0
5/1/06[12]	-	1001 - 1005	GZA	-	-	-	39.0	25.0	0.0	-	-	-	7.1	19.0	0.9	-	-	-	25.5	21.0	0.0
11/28/06[12]	-	1024 - 1026	GZA	-	-	-	18.0	11.0	5.9	-	-	-	11.0	19.0	1.5	-	-	-	32.0	27.0	0.4
1/12/07[12]	-	1015 - 1019	GZA	-	-	-	34.5	24.0	0.0	-	-	-	23.0	25.0	0.0	-	-	-	13.0	19.0	0.0
3/12/07[12]	-	1012 - 1016	GZA	-	-	-	35.5	24.0	0.0	-	-	-	24.0	24.0	0.0	-	-	-	17.5	19.0	0.0
5/1/07[12]	-	1001 - 1005	GZA	-	-	-	39.0	25.0	0.0	-	-	-	7.1	19.0	0.9	-	-	-	25.5	21.0	0.0
9/11/07[12]	-	996 - 999	GZA	-	-	-	40.0	21.0	0.0	-	-	-	12.0	20.0	0.1	-	-	-	10.5	19.0	0.0
9/14/07[12]	-	1010 - 1013	GZA	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
12/28/07[12]	-	1016 - 1023	GZA	-	-	-	17.5	11.0	7.8	-	-	-	9.6	18.0	0.6	-	-	-	17.5	18.0	0.3
4/7/08[12]	-	1022 - 1024	GZA	-	-	-	18.0	9.1	13.0	-	-	-	1.7	13.0	9.4	-	-	-	20.0	18.0	4.6
8/28/08	-	1007-1009	GZA	-	-	-	45.0	24.0	0.0	-	-	-	0.0	5.7	14.2	-	-	-	13.0	21.0	2.1
12/18/08	-	1016-1021	GZA	-	-	-	37.0	25.0	6.5	-	-	-	22.5	26.0	3.5	-	-	-	17.0	23.0	0.0
2/23/09	-	1003-1005	GZA	-	-	-	9.3	6.6	13.7	-	-	-	7.8	16.0	7.4	-	-	-	17.0	17.0	2.3
4/3/09	-	1001 -1004	GZA	-	-	-	38.0	25.0	0.0	-	-	-	15.5	24.0	0.0	-	-	-	21.0	20.0	0.0
7/15/09	-	1002 - 1007	GZA	-	-	-	43.0	23.0	0.0	-	-	-	0.2	0.1	11.6	-	-	-	19.5	23.0	0.0
10/12/09	-	1116 - 1119	GZA	-	-	-	36.0	27.0	0.0	-	-	-	0.0	6.0	15.4	-	-	-	4.2	11.0	9.7
2/8/10	-	999 - 1001	GZA	-	-	-	44.0	29.0	10.2	-	-	-	16.5	23.0	15.6	-	-	-	13.0	20.0	10.0
7/23/10	-	1003-1007	GZA	-	-	-	42.5	23.0	0.0	-	-	-	0.0	0.9	19.2	-	-	-	0.0	0.0	20.1
10/29/10	-	1005-1009	GZA	-	-	-	42.5	28.0	0.0	-	-	-	0.0	12.7	9.8	-	-	-	9.6	20.7	0.0
5/9/11	-	1004-1008	GZA	-	-	-	39.0	25.0	0.0	-	-	-	0.0	9.7	9.4	-	-	-	12.5	20.0	0.1
6/15/11	-	997-1000	GZA	-	-	-	41.0	27.0	0.4	-	-	-	0.0	4.8	14.9	-	-	-	11.5	16.0	2.8
9/9/11	-	1004	GZA	-	-	-	34.6	24.4	0.1	-	-	-	0.0	6.6	11.7	-	-	-	7.3	18.1	0.1
12/27/11	-	1007-1010	GZA	-	-	-	26.5	19.0	0.0	-	-	-	23.0	21.5	0.0	-	-	-	10.5	18.0	0.0
3/21/12	-	1013-1020	GZA	-	-	-	32.5	24.0	0.0	-	-	-	0.0	5.5	15.7	-	-	-	8.3	13.0	4.8
7/26/12	-	995-997	GZA	-	-	-	46.0	25.0	0.0	-	-	-	0.0	1.9	18.8	-	-	-	0.1	8.8	8.9
10/18/12	-	1007-1011	GZA	-	-	-	44.5	27.0	0.4	-	-	-	0.0	6.3	13.8	-	-	-	0.9	12.0	9.4
1/17/13	-	1007-1013	GZA	-	-	-	30.0	17.0	3.6	-	-	-	13.5	21.0	1.0	-	-	-	3.8	7.8	10.9
4/8/13	-	1007-1013	GZA	-	>100	-	6.2	8.2	15	-	>100	-	7.5	14.0	7.4	-	>100	-	6.2	7.6	10.6
8/12/13	-	1006-1008	GZA	-	-	-	36.9	28.0	0.4	-	-	-	0	5.9	13.7	-	-	-	0.9	21.7	10.1
12/2/13	-	1010	GZA	-	>100	-	32.8	27.3	0	-	65.5	-	13.1	23.6	1.3	-	21.5	-	4.3	17.6	1.9
4/11/14	-	1003	GZA	-	>100	-	47.0	33.0	0	-	>100	-	6.8	14.0	6.1	-	>100	-	10	16	0.1
4/14/15	-	1006	GZA	-	>100	-	44.2	24.0	0.2	-	>100	-	0	14.5	5.8	-	>100	-	6.5	16.5	4.1
8/18/15	-	1004	GZA	-	67	-	32.9	22.6	0.4	-	46.9	-	2.6	14.9	5.2	-	>100	-	4.2	15.9	4.6
12/17/15	-	1005	GZA	-	49	-	33.5	29.0	0	-	66.4	-	0	16.2	4.5	-	66.7	-	6.4	16.4	3.8
04/05/16	-	1018	GZA	-	-	55.0	2.8	4.2	16.8	-	-	7.0	0.4	7.1	14.7	-	-	0.0	0.0	7.4	12.6
08/31/16	-	1006	GZA	-	-	>100	31.8	25.1	0.1	-	-	0.0	0.0	2.6	17.9	-	-	0.0	0.0	4.0	15.8
11/11/16	-	998-999	GZA	-	-	18.0	0.9	3.1	19.1	-	-	0.0	0.0	7.8	16.7	-	-	0.0	0.0	9.5	9.9

Sample Date	GMW-4						GMW-5						GMW-6						GMW-7						GMW-8					
	CGI		Infrared Detector				CGI		Infrared Detector				CGI		Infrared Detector				CGI		Infrared Detector				CGI		Infrared Detector			
	O_2%	LEL%	LEL%	CH_4%	CO_2%	O_2%	O_2%	LEL%	LEL%	CH_4%	CO_2%	O_2%	O_2%	LEL%	LEL%	CH_4%	CO_2%	O_2%	O_2%	LEL%	LEL%	CH_4%	CO_2%	O_2%	O_2%	LEL%	LEL%	CH_4%	CO_2%	O_2%
11-14-96[1]	-	32.0	-	-	-	-	-	4.0	-	-	-	-	-	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
04-21-97[2]	8.6	94.0	-	-	-	-	19.8	10.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05-16-97	9.0	0.0	-	-	-	-	20.0	0.0	-	-	-	-	20.3	0.0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
05-19-97[3]	-	-	-	0.0	9.3	9.6	-	-	-	0.1	0.1	20.2	-	-	-	0.0	0.0	19.1	-	-	-	-	-	-	-	-	-	-	-	-
07-08-97[4]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	18.6	0.0	-	-	-	-	3.3	3.0	-	-	-	-
07-09-97[3]	-	-	-	0.6	0.1	20.5	-	-	-	0.0	0.0	20.4	-	-	-	0.1	0.0	20.7	-	-	-	0.0	0.0	20.7	-	-	-	0.2	9.8	8.6
07-14-97[3]	-	-	-	0.1	11.0	7.8	-	-	-	0.1	2.2	17.9	-	-	-	0.0	0.0	20.6	-	-	-	0.3	0.0	20.5	-	-	-	0.2	4.7	15.3
07-23-97[3]	-	-	-	0.5	0.1	20.2	-	-	-	0.0	0.0	21.3	-	-	-	0.0	0.0	21.3	-	-	-	0.1	0.0	20.9	-	-	-	0.2	0.1	20.5
08-29-97[6]	-	-	-	0.0	10.2	9.6	-	-	-	0.0	0.0	20.3	-	-	-	0.0	0.0	20.3	-	-	-	0.0	0.0	20.3	-	-	-	0.0	0.0	20.3
11-03-97[7]	-	-	-	0.0	10.0	9.5	-	-	-	0.0	2.6	17.8	-	-	-	0.0	0.9	19.7	-	-	-	0.0	0.0	20.6	-	-	-	0.0	0.0	20.7
01-08-98[8]	-	-	-	0.0	8.2	10.8	-	-	-	0.0	2.4	16.7	-	-	-	0.0	0.8	19.4	-	-	-	0.0	4.3	15.1	-	-	-	0.0	2.1	17.1
03-23-98[8]	-	-	-	0.0	8.5	12.1	-	-	-	0.0	0.3	20.8	-	-	-	0.0	0.9	20.2	-	-	-	0.0	5.1	15.8	-	-	-	0.0	0.3	20.8
04-14-98[9]	-	-	-	0.1	7.0	12.5	-	-	-	0.1	2.1	18.2	-	-	-	0.1	0.9	19.5	-	-	-	0.0	6.6	13.2	-	-	-	0.0	4.5	14.5
06-24-98[10]	-	-	-	0.0	5.5	12.9	-	-	-	0.0	1.8	18.5	-	-	-	0.0	0.8	19.7	-	-	-	0.0	0.0	20.6	-	-	-	0.0	5.7	11.9
08-26-98[10]	-	-	-	0.0	6.4	13.0	-	-	-	0.0	2.2	18.2	-	-	-	0.0	0.0	20.9	-	-	-	0.0	0.1	20.8	-	-	-	0.0	5.4	15.6
01/12/99[11]	-	-	-	0.0	7.9	13.8	-	-	-	0.0	1.6	20.7	-	-	-	0.0	1.2	21.6	-	-	-	0.0	8.0	15.5	-	-	-	0.0	2.7	19.8
04/19/99[8]	-	-	-	0.0	6.3	12.3	-	-	-	0.0	0.1	19.5	-	-	-	0.0	0.3	19.2	-	-	-	0.0	0.0	19.8	-	-	-	0.0	0.0	19.8
04/02/01[12]	-	-	-	0.0	3.7	16.8	-	-	-	0.0	0.8	20.5	-	-	-	0.0	0.8	20.6	-	-	-	0.0	3.4	18.1	-	-	-	0.0	2.1	18.2
08/20/02[12]	-	-	-	0.0	7.2	13.0	-	-	-	0.0	1.0	19.6	-	-	-	0.0	0.4	20.2	-	-	-	0.0	0.5	20.0	-	-	-	0.0	3.9	16.1
06/17/03[12]	-	-	-	0.0	6.1	14.0	-	-	-	0.0	1.3	19.6	-	-	-	0.0	1.2	19.8	-	-	-	0.0	5.4	13.7	-	-	-	0.0	5.3	13.0
05/19/04[12]	-	-	-	0.0	7.9	11.6	-	-	-	0.0	1.3	19.4	-	-	-	0.0	1.2	19.8	-	-	-	0.0	1.7	18.8	-	-	-	0.0	4.4	14.1
09/14/04[12]	-	-	-	0.0	10.9	10.3	-	-	-	-	-	-	-	-	-	0.0	2.0	19.1	-	-	-	0.0	1.2	19.0	-	-	-	0.0	4.3	16.1
10/5/04[12]	-	-	-	0.0	9.7	9.1	-	-	-	-	-	-	-	-	-	0.0	2.0	18.8	-	-	-	0.0	2.4	17.5	-	-	-	0.0	4.2	16.3
10/21/04[12]	-	-	-	0.0	8.4	10.7	-	-	-	0.0	0.9	19.5	-	-	-	0.0	2.2	19.0	-	-	-	0.0	3.9	16.1	-	-	-	0.0	2.9	17.7
12/17/04[12]	-	-	-	0.0	2.4	18.2	-	-	-	0.0	0.4	20.4	-	-	-	0.0	1.9	19.2	-	-	-	0.0	3.8	16.8	-	-	-	0.0	1.2	19.1
6/20/05[12]	-	-	-	0.0	7.0	13.4	-	-	-	0.0	2.8	17.7	-	-	-	0.0	2.9	18.3	-	-	-	0.0	2.0	18.3	-	-	-	0.0	6.3	11.6
11/7/05[12]	-	-	-	0.0	4.8	15.4	-	-	-	-	-	-	-	-	-	0.0	3.8	17.7	-	-	-	0.0	2.1	18.2	-	-	-	0.0	7.5	10.5
5/1/06[12]	-	-	-	0.0	8.0	13.2	-	-	-	0.0	1.0	20.0	-	-	-	0.0	4.8	16.8	-	-	-	0.0	4.7	14.3	-	-	-	0.0	4.1	14.7
11/28/06[12]	-	-	-	0.0	12.0	6.6	-	-	-	0.0	1.2	19.1	-	-	-	0.0	3.0	18.1	-	-	-	0.0	5.6	13.1	-	-	-	0.0	2.6	17.3
1/12/07[12]	-	-	-	0.0	4.6	15.2	-	-	-	0.1	0.1	20.6	-	-	-	0.0	6.1	15.1	-	-	-	0.0	6.4	12.7	-	-	-	0.0	3.1	17.1
3/12/07[12]	-	-	-	0.0	3.3	16.4	-	-	-	0.0	0.2	20.5	-	-	-	0.0	5.9	15.7	-	-	-	0.0	5.5	15.0	-	-	-	0.0	4.6	15.1
5/1/07[12]	-	-	-	0.0	8.0	13.2	-	-	-	0.0	1.0	20.0	-	-	-	0.0	4.8	16.8	-	-	-	0.0	4.7	14.3	-	-	-	0.0	4.1	14.7
9/11/07[12]	-	-	-	0.0	12.0	6.4	-	-	-	0.0	2.7	15.4	-	-	-	0.0	3.7	17.6	-	-	-	0.1*	2.3	18.8	-	-	-	0.1*	5.7	14.1
9/14/07[12]	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0.0	4.4	16.0	-	-	-	0.0	3.0	17.5
12/28/07[12]	-	-	-	0.0	4.6	16.0	-	-	-	0.0	0.2	20.1	-	-	-	0.0	1.0	19.4	-	-	-	0.0	4.7	14.2	-	-	-	0.0	1.6	18.6
4/7/08[12]	-	-	-	0.0	6.2	13.0	-	-	-	0.0	0.6	20.2	-	-	-	0.0	1.9	19.5	-	-	-	0.0	4.2	15.9	-	-	-	0.0	1.7	18.3
8/28/08	-	-	-	0.0	8.0	13.2	-	-	-	0.0	3.9	16.9	-	-	-	0.0	2.9	18.3	-	-	-	0.0	2.0	18.0	-	-	-	0.0	5.0	15.0
12/18/08	-	-	-	0.0	7.2	12.9	-	-	-	0.0	0.6	20.2	-	-	-	0.0	4.3	17.2	-	-	-	0.3	6.7	6.0	-	-	-	0.0	2.3	18.3
2/23/09	-	-	-	0.0	4.6	13.7	-	-	-	0.0	0.2	20.5	-	-	-	0.0	2.9	17.9	-	-	-	0.0	3.6	17.3	-	-	-	0.0	1.8	18.2
4/3/09	-	-	-	0.0	7.7	11.1	-	-	-	0.0	1.2	18.8	-	-	-	0.0	4.8	15.4	-	-	-	0.0	7.7	15.5	-	-	-	0.0	5.2	14.1
7/15/09	-	-	-	see note 16			-	-	-	0.0	2.4	17.5	-	-	-	0.0	4.4	17.3	-	-	-	0.0	4.0	15.1	-	-	-	0.0	5.0	13.1
10/12/09	-	-	-	0.0	6.6	14.6	-	-	-	0.0	0.7	19.9	-	-	-	0.0	3.0	18.5	-	-	-	0.0	4.6	15.3	-	-	-	0.0	3.7	17.3
2/8/10	-	-	-	0.0	2.8	1.0	-	-	-	0.0	0.3	0.6	-	-	-	0.0	3.3	0.2	-	-	-	0.0	3.6	21.0	-	-	-	0.0	1.3	22.2
7/23/10	-	-	-	0.0	3.1	15.9	-	-	-	-	-	-	-	-	-	0.0	1.6	18.8	-	-	-	0.0	0.5	19.7	-	-	-	0.0	4.1	15.6
10/29/10	-	-	-	0.0	12.1	5.2	-	-	-	0.0	1.1	19.9	-	-	-	0.0	0.0	21.2	-	-	-	0.0	5.5	15.3	-	-	-	0.0	3.3	18.2
5/9/11	-	-	-	0.0	6.8	12.0	-	-	-	0.0	1.3	19.0	-	-	-	0.0	2.4	18.6	-	-	-	0.0	6.4	12.5	-	-	-	0.0	7.0	11.0
6/15/11	-	-	-	0.0	0.2	20.5	-	-	-	0.0	4.9	14.9	-	-	-	0.0	0.0	21.1	-	-	-	0.0	1.8	18.6	-	-	-	0.0	4.6	14.1
9/9/11	-	-	-	0.0	8.0	10.5	-	-	-	0.0	7.5	9.3	-	-	-	0.0	3.1	17.8	-	-	-	0.0	2.1	18.3	-	-	-	0.0	4.8	15.9
12/27/11	-	-	-	0.0	8.0	12.4	-	-	-	0.0	1.0	20.0	-	-	-	0.0	4.7	15.5	-	-	-	0.0	8.4	10.1	-	-	-	0.0	5.9	14.4
3/21/12	-	-	-	0.0	2.3	19.9	-	-	-	0.0	0.9	20.2	-	-	-	0.0	2.8	18.6	-	-	-	0.0	4.9	15.6	-	-	-	0.0	5.3	14.9
7/26/12	-	-	-	0.0	4.0	14.4	-	-	-	0.0	0.1	20.8	-	-	-	0.0	4.3	17.8	-	-	-	0.0	1.9	19.3	-	-	-	0.0	4.4	16.0
10/18/12	-	-	-	0.0	12.0	13.0	-	-	-	0.0	1.2	19.8	-	-	-	0.0	3.2	18.6	-	-	-	0.0	2.2	18.4	-	-	-	0.0	3.5	17.5
1/17/13	-	-	-	0.0	8.1	12.7	-	-	-	0.0	0.8	19.8	-	-	-	0.0	3.4	17.9	-	-	-	0.0	3.4	16.7	-	-	-	0.0	2.3	18.0
4/8/13	-	0	-	0.0	0.2	20.2	-	-	-	0.4	20.4	0.0	-	0	-	0.0	4.6	17.2	-	-	-	0.0	3.2	17.4	-	-	-	0.0	1.9	18.0
8/12/13	-	-	-	0.3	7.4	11.7	-	-	-	0.5	0.8	20.6	-	-	-	0.0	5.3	16.7	-	-	-	0.0	2	18.4	-	-	-	0.0	5.3	15.0
12/2/13	-	-	-	0.1	11	6.5	-	-	-	0.1	1.5	19.4	-	-	-	0.1	4.5	18.4	-	-	-	0.1	5.4	17.1	-	-	-	0.1	1.7	20.6
4/11/14	-	0	-	0.0	5.3	16.7	-	0	-	0.0	0.1	21.1	-	0	-	0.0	5.4	15.3	-	0	-	0.0	4.4	16.1	-	0	-	0.0	3.0	16.6
4/14/15	-	0	-	0.0	3.2	17.2	-	0	-	0.0	0.1	20.1	-	0	-	0.0	5.1	15.6	-	0	-	0.0	4.8	15.7	-		-	0.0	3.9	16.0
8/18/15	-	0	-	0.0	1.5	18.8	-	0	-	0.2	1.2	20.1	-	0	-	0.0	2.6	17.8	-	0	-	0.0	5.2	15	-	-	-	0.0	4.2	16.5
12/17/15	-	0	-	0.0	6.1	13.4	-	0	-	0.0	1.6	19.8	-	0	-	0.0	3.9	16.1	-	0	-	0.0	5.4	15.6	-	-	-	0.0	1.9	17.8
04/05/16	0.0	9.6	10.5	-	-	0.0	0.0	0.4	19.8	-	-	0.0	0.0	1.2	19.2	-	-	0.0	0.0	3.2	17.9	-	-	0.0	0.0	1.0	19.9			
08/31/16	0.0	8.5	11.5	Could not locate						-	-	0.0	0.0	2.1	19.3	-	-	0.0	0.0	4.0	16.7	-	-	0.0	0.0	5.2	16.4			
11/11/16	0.0	15.2	5.0	-	-	0.0	0.0	1.2	20.4	-	-	0.0	0.0	3.1	18.6	-	-	0.0	0.0	3.0	18.6	-	-	0.0	0.0	1.6	20.2			

See last page for table notes.

TABLE 2A
LANDFILL GAS DATA SUMMARY
(Historical Monitoring Locations)

Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Sample Date	Air Temperature (°C)	Barometric Pressure (mb)	Sampled By	GMW-9					
				CGI		Infrared Detector			
				O_2%	LEL%	LEL%	CH_4%	CO_2%	O_2%
11-14-96[1]	-	-	RLI	-	-	-	-	-	-
04-21-97[2]	-	-	RLI	-	-	-	-	-	-
05-16-97	-	-	GZA	-	-	-	-	-	-
05-19-97[3]	-	-	GZA	-	-	-	-	-	-
07-08-97[4]	-	-	GZA	17.0	33.0	-	-	-	-
07-09-97[3]	-	-	GZA	-	-	-	0.7	0.6	18.4
07-14-97[3]	-	-	GZA	-	-	-	0.0	0.0	20.6
07-23-97[3]	-	-	GZA	-	-	-	0.0	0.1	20.8
08-29-97[6]	-	-	GZA	-	-	-	0.0	0.0	20.2
11-03-97[7]	-	-	GZA	-	-	-	0.0	0.0	20.6
01-08-98[8]	-	-	GZA	-	-	-	0.5	6.2	12.6
03-23-98[8]	-	-	GZA	-	-	-	0.0	0.5	20.4
04-14-98[9]	-	-	GZA	-	-	-	2.5	16.9	3.1
06-24-98[10]	-	-	GZA	-	-	-	0.0	0.3	20.0
08-26-98[10]	-	-	GZA	-	-	-	0.0	5.1	15.7
01/12/99[11]	-	-	GZA	-	-	-	0.0	17.6	4.9
04/19/99[8]	-	-	GZA	-	-	-	0.0	0.0	19.8
04/02/01[12]	-	-	GZA	-	-	-	0.0	1.5	18.6
08/20/02[12]	-	-	GZA	-	-	-	0.0	1.2	18.7
06/17/03[12]	-	-	GZA	-	-	-	0.0	5.5	13.6
05/19/04[12]	17.2	1009 - 1013	GZA	-	-	-	0.0	0.7	19.9
09/14/04[12]	22.2	1009 - 1011	GZA	-	-	-	0.0	0.9	19.5
10/5/04[12]	10.0	1014 - 1019	GZA	-	-	-	0.0	5.1	13.8
10/21/04[12]	8.9	1024	GZA	-	-	-	0.0	3.7	16.2
12/17/04[12]	-	1008 - 1011	GZA	-	-	-	0.0	4.4	15.2
6/20/05[12]	-	1014 - 1019	GZA	-	-	-	0.0	1.8	18.4
11/7/05[12]	-	982 - 997	GZA	-	-	-	0.0	3.4	16.4
5/1/06[12]	-	1001 - 1005	GZA	-	-	-	0.0	4.2	14.9
11/28/06[12]	-	1024 - 1026	GZA	-	-	-	0.0	7.9	10.8
1/12/07[12]	-	1015 - 1019	GZA	-	-	-	0.0	2.1	17.9
3/12/07[12]	-	1012 - 1016	GZA	-	-	-	0.0	9.8	8.6
5/1/07[12]	-	1001 - 1005	GZA	-	-	-	0.0	4.2	14.9
9/11/07[12]	-	996 - 999	GZA	-	-	-	0.1*	4.8	14.3
9/14/07[12]	-	1010 - 1013	GZA	-	-	-	0.0	2.0	18.0
12/28/07[12]	-	1016 - 1023	GZA	-	-	-	0.0	5.0	14.5
4/7/08[12]	-	1022 - 1024	GZA	-	-	-	0.0	6.9	12.2
8/28/08	-	1007-1009	GZA	-	-	-	0.0	0.0	20.8
12/18/08	-	1016-1021	GZA	-	-	-	0.0	2.0	18.1
2/23/09	-	1003-1005	GZA	-	-	-	0.0	5.2	13.9
4/3/09	-	1001 -1004	GZA	-	-	-	0.0	12.0	6.2
7/15/09	-	1002 - 1007	GZA	-	-	-	0.0	3.7	16.5
10/12/09	-	1116 - 1119	GZA	-	-	-	0.0	0.2	20.6
2/8/10	-	999 - 1001	GZA	-	-	-	0.0	6.9	18.8
7/23/10	-	1003-1007	GZA	-	-	-	0.0	0.8	19.3
10/29/10	-	1005-1009	GZA	-	-	-	0.0	4.4	16.4
5/9/11	-	1004-1008	GZA	-	-	-	0.0	3.7	17.0
6/15/11	-	997-1000	GZA	-	-	-	0.0	0.9	19.7
9/9/11	-	1004	GZA	-	-	-	0.0	1.9	18.4
12/27/11	-	1007-1010	GZA	-	-	-	1.1	15.0	2.4
3/21/12	-	1013-1020	GZA	-	-	-	0.0	6.1	14.4
7/26/12	-	995-997	GZA	-	-	-	0.0	3.7	16.4
10/18/12	-	1007-1011	GZA	-	-	-	0.0	3.5	16.6
1/17/13	-	1007-1013	GZA	-	-	-	0.0	6.2	14.1
4/8/13	-	1007-1013	GZA	-	-	-	0.0	2.6	17.8
8/12/13	-	1006-1008	GZA	-	-	-	0.0	1.5	18.7
12/2/13	-	1010	GZA	-	-	-	0.1	5.3	16.3
4/11/14	-	1003	GZA	-	0	-	0.0	6.8	11.7
4/14/15	-	1006	GZA	-		-	0.0	5.6	12.4
8/18/15	-	1004	GZA	-		-	0.0	5.9	12.6
12/17/15	-	1005	GZA	-		-	0.0	6.1	13
04/05/16	-	1018	GZA	-	-	0.0	0.0	5.0	15.3
08/31/16	-	1006	GZA	-	-	0.0	0.0	2.0	18.6
11/11/16	-	998-999	GZA	-	-	0.0	0.0	3.0	17.9

See last page for table notes.

TABLE 2A
LANDFILL GAS DATA SUMMARY
(Historical Monitoring Locations)

Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Notes:

UEL - Methane = 15% LEL - Methane = 5% CGI = Combustible Gas Indicator

Lower explosive limit (LEL) should not exceed 50% of the gases at the property boundary.

1. Analysis by Resource Laboratories (RLI) with Ecolyzer System 400 Combustible Gas/Oxygen Monitor.
2. Analysis by RLI with Neotronics Exotox Model 50 Gas Monitor.
3. Analysis by GZA GeoEnvironmental, Inc. (GZA) with Geotechnical Instruments Infrared-Gas Analyzer S/N 684.
4. GMW-7, GMW-8, GMW-9 installed 7/8/97, sampled at end of day following installation with O2/LEL meter.
5. Readings on 5/19 and 7/9/97 were taken with tube inserted in open top of PVC well. Readings were taken after values appeared to stabilize. Readings on 7/14/97 and after were taken with a cap and tube adapter installed on the top of the well to prevent infiltration of ambient air from the top of the well.
6. Analysis by GZA with Geotechnical Instruments Infrared-Gas Analyzer Model No. GA94A, S/N G2578.
7. Analysis by GZA with Landtec Infrared-Gas Analyzer Model No. GEM-500, S/N 587.
8. Analysis by GZA with Landtec Infrared-Gas Analyzer Model No. GA 90, S/N 1132.
9. Analysis by GZA with Landtec Infrared-Gas Analyzer Model No. GA 90, S/N 1457.
10. Analysis by GZA with Landtec Infrared-Gas Analyzer Model No. GA 90, S/N 1388.
11. Analysis by GZA with Landtec Infrared-Gas Analyzer Model No. GA 90, S/N 1256.
12. Analysis by GZA with Gas Data Model LMSx multi gas meter.
13. Oxygen (O2)% / Lower Explosive Limit % readings were taken with a combustible gas indicator that may not provide accurate readings if O2% is below ambient air (i.e., 18-19%).
14. Methane% / Carbon Dioxide% / O2% readings were taken with an infrared gas analyzer that is not dependent on oxygen concentration for readings of methane or carbon dioxide.
15. * indicates background readings increased to 0.1 % measurement suspect.

\\GZAMAN1\Jobs\JOBS\21000s\21270\04.0021270.28\Report\Post Closure Report\Table 2 - Gas Data Notes.doc

TABLE 2B
LANDFILL GAS DATA SUMMARY
(Supplemental Monitoring Locations)

Cross Road Landfill - Exeter, New Hampshire
NHDES No. 198401081

Date	Air Temperature (°C)	Barometric Pressure (mb)	GMW-10				GMW-11				GMW-11R				GMW-12			
			Infrared Detector				Infrared Detector				Infrared Detector				Infrared Detector			
			LEL%	CH_4%	CO_2%	O_2%	LEL%	CH_4%	CO_2%	O_2%	LEL%	CH_4%	CO_2%	O_2%	LEL%	CH_4%	CO_2%	O_2%
7/24/2001[2, 4]	-	-	-	1.1	3.0	15.4	-	1.3	2.6	17.8	-	-	-	-	-	-	-	-
8/9/2001[2, 4]	-	-	-	0.1	6.9	15.0	-	0.6	2.0	17.2	-	-	-	-	-	-	-	-
8/20/2002[2]	-	-	-	0.0	2.4	18.7	-	0.0	0.8	19.8	-	-	-	-	-	-	-	-
06/17/03[3]	-	-	-	6.0/0.0	0.0	20.8	-	0.0	1.5	19.3	-	-	-	-	-	-	-	-
05/19/04[3]	21.1	1009 - 1013	-	6.0/0.0	6.7	11.7	-	0.0	0.9	18.0	-	-	-	-	-	-	-	-
09/13/04[3]	22.8	1009 - 1011	-	54.0	14.0	1.6	-	0.0	0.8	18.9	-	-	-	-	-	-	-	-
9/14/04[3]	17.7	1020 - 1022	-	35.0	12.0	6.1	-	0.0	2.3	17.5	-	-	-	-	-	-	-	-
9/21/04[3]	17.8	1014 - 1015	-	43.0	14.0	7.3	-	0.0	2.3	14.2	-	-	-	-	-	-	-	-
9/28/04[3]	17.8	1004 - 1006	-	37.5	13.0	8.2	-	0.0	2.4	17.5	-	-	-	-	-	-	-	-
10/5/04[3]	12.8	1014 - 1019	-	13.5	6.1	13.3	-	0.0	2.2	17.5	-	-	-	-	-	-	-	-
10/21/04[3]	8.9	1024	-	41.5	11.0	7.9	-	0.0	1.9	18.0	-	-	-	-	-	-	-	-
12/17/04[3]	-	1008 - 1011	-	6.3/3.8	1.9	18.4	-	0.0	1.6	17.5	-	-	-	-	-	-	-	-
6/20/05[3]	-	1014 - 1019	-	2.3	5.5	8.3	-	0.0	0.0	20.6	-	-	-	-	-	-	-	-
9/2/05[3]	-	997 - 998	-	-	-	-	-	-	-	-	-	0.0	2.1	19.0	-	0.0	1.5	15.0
11/7/05[3]	-	982 - 997	-	6.4	5.2	11.1	-	-	-	-	-	0.0	3.2	17.3	-	0.2	9.8	10.0
5/1/06[3]	-	1001 - 1005	-	5.1	0.9	19.6	-	-	-	-	-	0.0	0.3	20.6	-	0.1	4.4	9.6
11/28/06[3]	-	1024 - 1026	-	28.0	13.0	6.7	-	-	-	-	-	0.0	4.4	16.1	-	0.0	0.0	20.3
1/12/07[3]	-	1015 - 1019	-	15.0	14.0	2.7	-	-	-	-	-	0.0	4.4	16.9	-	0.0	9.0	2.3
3/12/07[3]	-	1012 - 1016	-	9.2	5.9	12.8	-	-	-	-	-	0.0	3.5	17.7	-	0.0	7.6	4.4
5/1/07[3]	-	1001 - 1005	-	3.1	0.9	19.6	-	-	-	-	-	0.1	4.4	9.6	-	0	0.3	20.6
9/11/07[3]	-	996 - 999	-	0.0	2.0	18.0	-	-	-	-	-	0.0	5.3	11.3	-	0.0	0.0	19.0
12/28/07[3]	-	1016 - 1023	-	0.0	0.0	20.5	-	-	-	-	-	0.0	3.6	13.2	-	0.0	3.6	17.2
4/7/08[3]	-	1022 - 1024	-	0.1	0.1	20.5	-	-	-	-	-	0.0	0.0	20.8	-	0.0	2.2	18.6
8/28/08	-	1007-1009	-	0.0	0.6	19.6	-	-	-	-	-	0.0	5.6	8.9	-	0.0	2.1	18.6
12/18/08	-	1016-1021	-	0.0	2.0	18.0	-	-	-	-	-	0.0	0.3	20.3	-	0.0	0.3	20.4
2/23/09	-	1003-1005	-	0.0	0.2	20.1	-	-	-	-	-	0.0	3.7	17.4	-	0.0	5.1	19.7
4/3/09	-	1002	-	0.0	0.0	20.4	-	-	-	-	-	0.9	9.6	0.7	-	0.0	3.1	18.0
7/15/09	-	1002	-	0.0	0.2	20.0	-	-	-	-	-	0.0	0.0	20.7	-	0.0	7.2	4.9
10/12/09	-	1116 - 1117	-	0.0	4.6	16.3	-	-	-	-	-	0.0	5.4	11.1	-	0.0	2.4	18.5
2/8/10	-	1001 - 1002	-	14.0	5.2	19.2	-	-	-	-	-	1.5	4.8	17.5	-	0.0	3.8	19.8
7/23/10	-	1003-1007	-	0.0	4.0	16.1	-	-	-	-	-	0.0	0.0	20.2	-	0.0	3.4	12.9
10/29/10	-	1005-1009	-	21.3	17.3	1.5	-	-	-	-	-	0.0	0.5	20.9	-	0.0	5.2	12.2
5/9/11	-	1004-1008	-	0.0	0.0	20.7	-	-	-	-	-	0.0	1.5	19.6	-	0.0	5.4	8.6
6/15/11	-	997-1000	-	0.2	0.0	20.8	-	-	-	-	-	0.1	0.0	20.8	-	0.0	0.2	20.4
9/9/11	-	1004	-	0.5	0.5	20.1	-	-	-	-	-	0.0	2.1	18.9	-	0.0	8.9	4.0
12/27/11	-	1007-1010	-	0.0	0.0	20.8	-	-	-	-	-	0.0	3.8	17.1	-	0.0	9.1	3.4
3/21/12	-	1013-1020	-	0.0	0.2	20.6	-	-	-	-	-	0.0	1.7	19.5	-	0.0	7.1	6.6
7/26/12	-	995	-	0.0	4.3	16.5	-	-	-	-	-	0.0	1.5	19.3	-	0.0	6.3	9.3
10/18/12	-	1007-1011	-	0.0	4.3	16.2	-	-	-	-	-	0.0	2.1	19.0	-	0.0	5.3	13.0
1/17/13*	-	1007-1013	-	2.2	1.2	14.6	-	-	-	-	-	0.0	2.2	18.8	-	0.0	4.0	13.8
4/8/13	-	1007-1013	-	0.0	0.8	16.3	-	-	-	-	-	0.0	0.9	19.9	-	0.0	2.4	15.8
8/12/13	-	1006-1008	-	-	-	-	-	-	-	-	-	0.0	1.7	19.2	-	0.0	7.7	7.7
12/2/13	-	1010	-	19.7	16.7	2.2	-	-	-	-	-	0.1	2.9	19.9	-	0.1	7.1	11.8
4/11/14	-	1003	-	5.7	2.3	12.7	-	-	-	-	-	0.0	1.7	19.1	-	0.0	6.1	8.9
4/14/15	-	1006	-	6.1	2.8	13.2	-	-	-	-	-	0.0	1.6	19.0	-	0.0	7.1	11.4
8/18/15	-	1004	-	15.4	1.8	14.1	-	-	-	-	-	0.0	1.8	19.0	-	0.0	7.2	11.9
12/17/15	-	1005	-	5.1	1.6	14.3	-	-	-	-	-	0.0	2.4	18.1	-	0.0	6.1	12.4
04/05/16	-	1018	0.0	0.0	0.6	18.7	-	-	-	-	Not Accessible				0.0	0.0	3.9	13.8
08/31/16	-	1006	0.0	0.0	3.3	18.0	-	-	-	-	0.0	0.0	1.1	20.2	0.0	0.0	5.1	14.7
11/11/16	-	998-999	>100	17.1	16.7	2.1	-	-	-	-	0.0	0.0	1.3	20.6	0.0	0.0	0.2	21.3

Notes:

1. Lower explosive limit (LEL) should not exceed 50% of the gases at the property boundary.
2. Analysis by GZA GeoEnvironmental, Inc. (GZA) with Geotechnical Instruments Infrared -Gas Analyzer S/N 684.
3. Analysis by GZA with Gas Data Model LMSx Multi Gas Meter.
4. Readings on 7/24/01 and 8/09/01 were taken with tube inserted in open top of PVC well. Readings were taken after values stabilized and with a cap and tube adapter installed on the top of the well to prevent infiltration of ambient air from the top of the well.
5. Upper Explosive Limit (UEL) Methane = 15%
6. LEL Methane = 5%
7. "-" indicates that the parameter was not measured.
8. Methane% / Carbon Dioxide% / Oxygen% readings were taken with an infrared gas analyzer that is not dependent on oxygen concentration for readings of methane or carbon dioxide.
9 . "6.0/0.0" indicates methane reading after 1 minute and approximately 5 minutes, respectively.

Photographic Log 2016

GZA GeoEnvironmental, Inc.		PHOTOGRAPHIC LOG
Client Name: The Town of Exeter, New Hampshire	**Site Location:** 2016 Annual Post Closure Report Cross Road Landfill, Exeter, New Hampshire	**Project No.:** 04.0021270.28

Photo No.: 1	**Date:** August 2016
Description: Southeastern portion of the access road, facing west.	

Photo No.: 2	**Date:** August 2016
Description: Southern portion of the landfill, facing north.	

GZA GeoEnvironmental, Inc.		PHOTOGRAPHIC LOG
Client Name: The Town of Exeter, New Hampshire	**Site Location:** 2016 Annual Post Closure Report Cross Road Landfill, Exeter, New Hampshire	**Project No.:** 04.0021270.28

Photo No.: 3	**Date:** August 2016

Description:

Stormwater drainage swale and piping located in the southern portion of the landfill.

Photo No.: 4	**Date:** August 2016

Description:

Sedimentation basin to the south of the landfill.

GZA GeoEnvironmental, Inc.		PHOTOGRAPHIC LOG
Client Name: The Town of Exeter, New Hampshire	**Site Location:** 2016 Annual Post Closure Report Cross Road Landfill, Exeter, New Hampshire	**Project No.:** 04.0021270.28

Photo No.: 5	**Date:** August 2016
Description: Photo taken proximate to GMW-4 facing southwest.	

Photo No.: 6	**Date:** August 2016
Description: Photo taken at GZ-2U facing northeast.	

GZA GeoEnvironmental, Inc.		PHOTOGRAPHIC LOG
Client Name: The Town of Exeter, New Hampshire	**Site Location:** 2016 Annual Post Closure Report Cross Road Landfill, Exeter, New Hampshire	**Project No.:** 04.0021270.28

Photo No.: 7	**Date:** August 2016

Description:

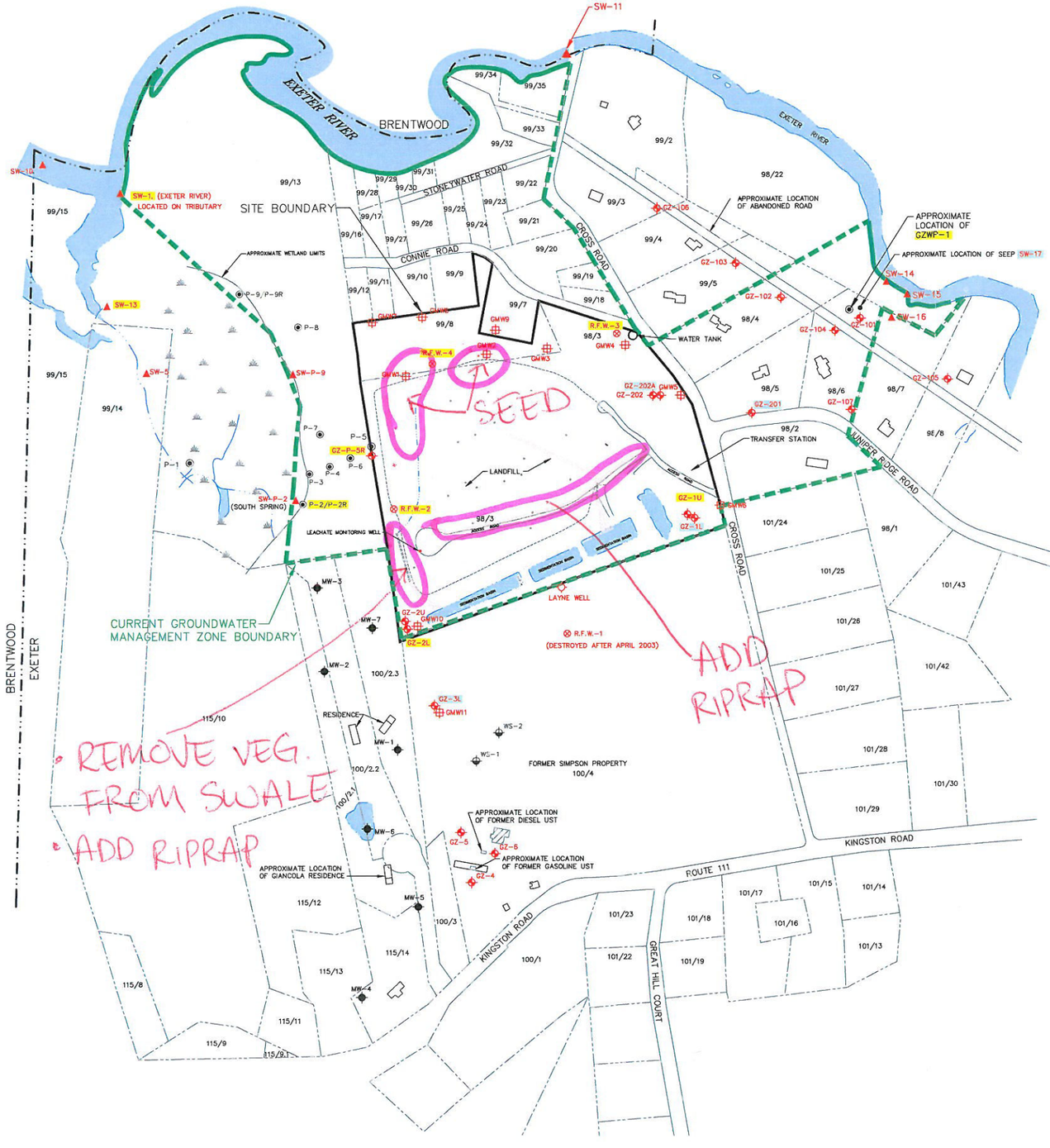
Photo taken at GZ-2L facing south.

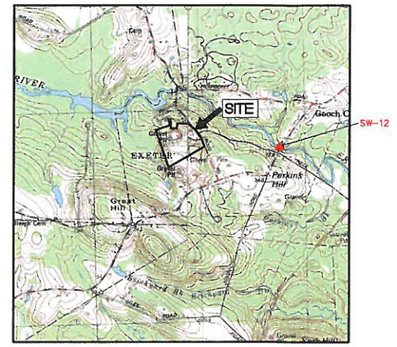
Photo No.: 8	**Date:** August 2016

Description:

Photo taken at GZ-2L facing east.

NHDES Inspection Notes


SW-11
EXETER RIVER
BRENTWOOD
SW-10
SW-1, (EXETER RIVER) LOCATED ON TRIBUTARY
SITE BOUNDARY
STONEYWATER ROAD
CONNIE ROAD
CROSS ROAD
APPROXIMATE WETLAND LIMITS
APPROXIMATE LOCATION OF ABANDONED ROAD
APPROXIMATE LOCATION OF GZWP-1
APPROXIMATE LOCATION OF SEEP SW-17
SW-13
SW-5
SW-P-9
SW-P-2
(SOUTH SPRING)
P-2/P-2R
GZ-P-5R
SW-14
SW-15
SW-16
GZ-106
GZ-103
GZ-102
GZ-104
GZ-101
GZ-105
GZ-107
GZ-201
GZ-202A
GZ-202
WATER TANK
R.F.W.-3
R.F.W.-4
R.F.W.-2
R.F.W.-1
(DESTROYED AFTER APRIL 2003)
LANDFILL
LEACHATE MONITORING WELL
TRANSFER STATION
JUNIPER RIDGE ROAD
GZ-1U
GZ-1L
GZ-2U
GZ-2L
GZ-3L
LAYNE WELL
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
RESIDENCE
FORMER SIMPSON PROPERTY
100/4
APPROXIMATE LOCATION OF FORMER DIESEL UST
APPROXIMATE LOCATION OF FORMER GASOLINE UST
APPROXIMATE LOCATION OF GIANCOLA RESIDENCE
GZ-5
GZ-6
GZ-4
ROUTE 111
KINGSTON ROAD
GREAT HILL COURT
CROSS ROAD
CURRENT GROUNDWATER MANAGEMENT ZONE BOUNDARY
BRENTWOOD
EXETER
RESEED
ADD RIPRAP
REMOVE VEG. FROM SWALE
ADD RIPRAP


SITE
SW-12
EXETER
RIVER
Great Hill
Perkins Hill

LOCUS MAP
SCALE: 1" = 2000'±

NOTES:

1) BASE MAP DEVELOPED FROM PROPERTY TAX MAPS PROVIDED BY THE TOWN OF EXETER, NEW HAMPSHIRE INCLUDING TAX MAPS 98, 99, 100 AND 101.

2) LOCUS MAP DEVELOPED FROM UNITED STATES GEOLOGIC SURVEY MAPS, KINGSTON, 1981 PHOTO REVISED 1989 AND EXETER 1985.

3) THE LOCATIONS OF SITE FEATURES INCLUDING WELLS, PIEZOMETERS, AND ROADS ARE BASED ON INFORMATION SHOWN ON PLANS TITLED "TOPOGRAPHIC PLAN OF LAND OF CROSSROAD LANDFILL, PREPARED FOR TOWN OF EXETER, EXETER, NEW HAMPSHIRE," PREPARED BY T.F. MORAN, INC. OF BEDFORD, NEW HAMPSHIRE, DATED JANUARY 24, 1994; "GROUNDWATER ELEVATION CONTOUR MAP–26 APRIL 1990, EXETER LANDFILL, EXETER, NEW HAMPSHIRE," PREPARED BY ROY F. WESTON, INC. (WESTON) OF CONCORD NEW HAMPSHIRE, DATED MAY 1990; "EXPLORATION LOCATION PLAN, EXETER LANDFILL, EXETER, NEW HAMPSHIRE," PREPARED BY GZA GEOENVIRONMENTAL, INC. OF MANCHESTER, NEW HAMPSHIRE, DATED JULY 1997; SITE SKETCH TITLED "PARKER SURVEY" PROVIDED BY THE TOWN OF EXETER, NEW HAMPSHIRE DATED NOVEMBER 1997. THE LOCATIONS OF CERTAIN WELLS, PIEZOMETERS, AND SURFACE WATER SAMPLING LOCATIONS ARE BASED ON TAPED MEASUREMENTS FROM SITE FEATURES BY GZA AND ARE APPROXIMATE.

4) WETLAND LIMITS AND LOCATIONS OF SW–1, NORTH SPRING, SOUTH SPRING, AND P–6 WERE OBTAINED FROM FIGURE 4 OF A REPORT TITLED "REPORT OF HYDROGEOLOGIC INVESTIGATION, EXETER LANDFILL, EXETER, NEW HAMPSHIRE," PREPARED BY ROY F. WESTON, INC. OF CONCORD, NEW HAMPSHIRE, DATED JUNE 1990. THE LOCATIONS ARE APPROXIMATE.

5) THE MONITORING WELL DESIGNATED "LAYNE WELL" WAS INSTALLED BY LAYNE NEW ENGLAND AS DIRECTED BY GIDLEY LABORATORIES, INC. (GIDLAB) OF FAIRHAVEN, MASSACHUSETTS DURING OR BEFORE 1979. PIEZOMETERS P–1 THROUGH P–9 WERE INSTALLED BY GIDLAB DURING OR BEFORE 1979. MONITORING WELLS RFW–1 THROUGH RFW–4 WERE INSTALLED BY WESTON DURING MARCH 27 THROUGH APRIL 4, 1990. MONITORING WELLS MW–1 THROUGH MW–3 LOCATED ON THE BRADSHER PROPERTY WERE INSTALLED BY EXETER ENVIRONMENTAL ASSOCIATES, (EEA) ON DECEMBER 22, 2000. MONITORING WELLS MW–4 THROUGH MW–7, ALSO LOCATED ON THE BRADSHER PROPERTY WERE INSTALLED BY EEA ON MAY 15, 2001. MONITORING WELLS GZ–1U, GZ–1L, GZ–2U, GZ–2L, GZ– 3L, GZ–4, GZ–5 AND GZ–6 AND SOIL GAS MONITORING WELLS GMW10 AND GMW11 WERE INSTALLED BY CAPITAL ENVIRONMENTAL DRILLING SERVICE OF DUNBARTON, NEW HAMPSHIRE DURING JUNE 28 THROUGH JULY 6 2001. WELL POINTS P–2R AND P–9R WERE INSTALLED BY GZA DURING APRIL 2003. GZ–P–5R WAS INSTALLED BY NEW HAMPSHIRE BORING OF LONDONDERRY, NH ON APRIL 20, 2004. MONITORING WELLS GZ–201, GZ–202, AND GZ–202A WERE INSTALLED BY NEW HAMPSHIRE BORING DURING SEPTEMBER AND NOVEMBER 2012.

LEGEND:

	PROPOSED GROUNDWATER MONITORING WELL LOCATION AND DESIGNATION
GZ-1L	GROUNDWATER MONITORING WELL BY GZA
R.F.W.-4	GROUNDWATER MONITORING WELL
LAYNE WELL	LAYNE WELL FORMER MONITORING WELL BY OTHERS
	MW-1 – OFFSITE OVERBURDEN MONITORING WELL BY OTHERS
WS-1	ABANDONED OVERBURDEN WATER SUPPLY WELL
SW-5	SURFACE WATER SAMPLING LOCATION
GMW4	SOIL GAS MONITORING WELL LOCATION
P-5	PIEZOMETER LOCATION
	STREAM
	OPEN SURFACE WATER
100/4	TOWN OF EXETER, NEW HAMPSHIRE PROPERTY TAX MAP NO./LOT NO.
	TOWN OF EXETER, NEW HAMPSHIRE PROPERTY LOT BOUNDARY
	APPROXIMATE LOCATION OF STRUCTURE
	APPROXIMATE LOCATION OF FORMER STRUCTURE
	CURRENT GROUNDWATER MANAGEMENT PERMIT REQUIRED SAMPLING LOCATION
	SUPPLEMENTAL SAMPLING LOCATION (2010–2012)

N

0 100' 200' 400' 600'
SCALE IN FEET

NO.	ISSUE/DESCRIPTION	BY	DATE

CROSS ROAD LANDFILL
GWP-198401081-E-003
EXETER, NEW HAMPSHIRE

GROUNDWATER MANAGEMENT ZONE PLAN

PREPARED BY:
GZA GeoEnvironmental, Inc.
Engineers and Scientists
380 HARVEY ROAD
MANCHESTER, NEW HAMPSHIRE 03103
(603) 623-7900

PREPARED FOR:

PROJ MGR: JMW	REVIEWED BY: SRL	CHECKED BY: JMW	FIGURE 1
DESIGNED BY: JMW	DRAWN BY: MR	SCALE: AS SHOWN	
DATE: DECEMBER 2013	PROJECT NO. 04.0021270.23	REVISION NO.	SHEET NO.