



Transmitted via Overnight Courier

July 19, 2016

Mr. Richard Fisher (OSRR07-1)
U.S. Environmental Protection Agency
EPA New England (MC HBO)
5 Post Office Square – Suite 100
Boston, MA 02109-3912

**Re: GE-Pittsfield/Housatonic River Site
Groundwater Management Area 5 (GECD420)
Post-Certification Inspection Report for 2016**

Dear Mr. Fisher:

On June 22, 2016, a representative of the General Electric Company (GE), accompanied by a representative of the U.S. Environmental Protection Agency (EPA), performed the third annual monitoring well inspection for the remaining wells at Groundwater Management Area 5 (also known and referred to herein as GMA 5). As required by EPA in its April 19, 2013 conditional approval letter and described in GE's September 16, 2013 *Final Completion Report for the Groundwater Management Area 5 Removal Action* (Final Completion Report), wells within GMA 5 that are designated for post-certification activities are to be inspected on an annual basis to identify any potential maintenance issues. The last prior inspection of these wells was conducted in June 2015, with a report on it submitted to EPA on June 30, 2015.

This letter documents the results of the June 2016 inspection activities at these monitoring points. In addition, as required by EPA in its April 19, 2013 conditional approval letter and described in the Final Completion Report, this report describes recent documents in the files of the Massachusetts Department of Environmental Protection (MDEP) relating to activities conducted by others at sites designated under the Massachusetts Contingency Plan (MCP) that are adjacent to GMA 5 – namely, the Barbalunga Enterprises Site and the Former Elm Street Mobil Site.

Summary of Inspection Activities

As shown on attached Figure 1, seven monitoring wells within GMA 5 (i.e., wells GMA5-1, GMA5-3, GMA5-4, GMA5-6, GMA5-7, GMA5-9, and GMA5-10) are subject to annual inspections in accordance with the Post-Certification Site Monitoring (PCSM) Plan contained in the Final Completion Report. Each of these wells was inspected on June 22, 2016. The monitoring well inspections involved a visual inspection of each monitoring well to identify any potential security or maintenance issues. The wells were also gauged and the total depth measurements were compared to the listed well specifications (included in attached Table 1) to

determine if the integrity of the wells may have been compromised or if excessive sedimentation has occurred.

The observations made regarding the condition of these wells during the inspection were recorded on the attached field forms (Attachment A). These observations are summarized in Table 1, along with a description of follow-up actions that have been conducted to address certain identified maintenance issues.

Summary of Observations During Inspection

All wells inspected were noted to be in good condition and no issues requiring immediate action were identified. Each well contained groundwater at depths similar to those measured during prior monitoring events at GMA 5. No non-aqueous phase liquids (NAPLs) were observed in any of the wells, consistent with prior observations at this GMA. All total depth measurements were within one foot of the listed well specifications and the depth measurements collected during the most recent prior annual gauging event, conducted in June 2015, indicating that excessive sedimentation has not accumulated in the wells.

The June 2016 inspection indicated that all of the seven monitoring wells inspected were in usable condition. Only two minor maintenance issues were identified. Specifically, as noted in Table 1 and Attachment A, well identification markings had faded at one monitoring well (GMA5-1) and another flushmount monitoring well (GMA5-6) was difficult to locate in the grass.

Maintenance/Repair Activities

As noted above, well identification markings were faded on well GMA5-1. The faded well identification marking on the lid of that well was enhanced during the June 2016 inspection, as shown in Table 1. Additionally, the flushmount well that was difficult to locate in the grass during the June 2016 inspection (well GMA5-6) was subsequently marked in the field with a stake and florescent flagging on July 19, as also noted in Table 1.

Summary of Investigations/Monitoring at Adjacent MCP Sites

GE conducted an online review of the MDEP files for the Barbalunga Enterprises and Elm Street Mobil Sites on June 30, 2016 to identify any reports or work plans submitted by others for those sites since the previous file review, which was conducted on June 17, 2015 and summarized in GE's June 30, 2015 letter report.

Barbalunga Enterprises Site

The location of the Barbalunga Enterprises Site is shown on Figure 1. All matters concerning groundwater at that site are being addressed on behalf of the former owner, Barbalunga Enterprises, Inc., under the MCP. The June 2016 file review for the Barbalunga Enterprises Site indicated that one document pertaining to that site has been added to the online file since the previous file review in July 2015. This document is a MDEP Bureau of Waste Site Cleanup (BWSC) Comprehensive Response Action (CRA) Technical Screening Audit Form, which is used by MDEP in reviewing MCP submittals and does not constitute a final agency decision. The technical screening audit form summarizes the information provided in the *Phase II Comprehensive Site Assessment and Phase III Remedial Action Plan*, dated April 29, 2015, that was prepared by Barbalunga Enterprises, Inc.'s contractor, O'Reilly, Talbot & Okun Associates,

Inc. (OTO). A summary of that report was presented in GE's June 30, 2015 letter report. A copy of MDEP's BWSC CRA Technical Screening Audit Form is provided in Attachment B (on compact disc).

Elm Street Mobil Site

The location of the Elm Street Mobil Site is also shown on Figure 1. All matters concerning groundwater and NAPL at that site are being addressed by ExxonMobil under the MCP. The June 2016 file review for the Elm Street Mobil Site indicated that three documents pertaining to that site have been added to the online file since the previous file review in June 2015.

One of those documents added to the online file since the previous file review in June 2015 is a Notice of Noncompliance (NON) from MDEP to ExxonMobil, dated September 11, 2015, for failure to submit a periodic review of the Temporary Solution at the site by the required filing date. A copy of MDEP's NON is provided in Attachment C (on compact disc).

The other two documents added to the online file since the previous file review in June 2015 consist of reports prepared by ExxonMobil's contractor, Kleinfelder. They are:

- *Release Abatement Measure (RAM) Status, Temporary Solution Status, Substantial Hazard Evaluation (SHE), and Periodic Review Opinion of the Temporary Solution, Former Mobil Service Station No. 01-ECQ, 83-89 Elm Street, Pittsfield, Massachusetts, Release Tracking Number 1-0539* (Kleinfelder, September 30, 2015); and
- *Release Abatement Measure (RAM) and Temporary Solution Status Report, Former Mobil Service Station No. 01-ECQ, 83-89 Elm Street, Pittsfield, Massachusetts, Release Tracking Number 1-0539* (Kleinfelder, April 26, 2016).

The above-referenced reports, including appendices, are also provided in Attachment C (on compact disc). These two Kleinfelder documents constitute status reports on the remedy being performed by ExxonMobil, involving monitoring and periodic NAPL recovery, pursuant to a Class C Response Action Outcome (RAO) Statement submitted in May 2010 and a Release Abatement Measure (RAM) Plan submitted in December 2011.

The first of these status reports, the September 30, 2015 RAM Status and Temporary Solution Status Report, contains a summary of the history and status of the RAM and the Temporary Solution; notes that, during the period from April 2015 through September 2015, Kleinfelder conducted one NAPL monitoring and manual NAPL recovery event on April 2, 2015 (involving recovery of approximately 2.5 gallons of NAPL/water mixture); presents an updated substantial hazard evaluation (finding no such hazard); and, in response to MDEP's NON, provides a periodic review of the Temporary Solution (determining that the Temporary Solution should continue).

The second status report, the April 26, 2016 RAM and Temporary Solution Status Report, summarizes activities conducted by Kleinfelder during the period from September 2015 through March 2016. Those activities included three NAPL monitoring and recovery events: one on September 29, 2015; another on October 7, 2015 (which included recovery of approximately 378 gallons of NAPL/water mixture from two wells using vacuum extraction and manual recovery of NAPL/water mixture from another well); and a third on October 30, 2015 (which

included recovery of approximately 1,382 gallons of NAPL/water mixture from three wells using vacuum extraction). These events are described further in the Kleinfelder report.

Schedule for Future Inspections

Future monitoring well inspections at GMA 5 will be conducted on an annual basis in accordance with the schedule contained in the PCSM Plan, with the next scheduled inspection to take place in June 2017. In addition, as provided in that plan, GE will perform an additional groundwater sampling event in 2018 (five years from the receipt of the Certification of Completion of this Removal Action) to verify that the applicable Performance Standards continue to be achieved at this GMA and that there are no other reasons for reinstating long-term monitoring. The monitoring wells currently scheduled to be included in this sampling event are illustrated on Figure 1.

GE will provide EPA with a minimum 14-day notification prior to conducting any future well inspections. Further, after each annual inspection, a brief monitoring well inspection report will be submitted to EPA within 30 days of the completion of the inspection. These reports will include copies of an inspection table (including a comparison of well gauging results to the listed specifications) and field forms, will document the inspection and maintenance/repair activities performed since the submittal of the previous report, and will describe any future inspection and maintenance activities. In addition, those reports will include a discussion of the status of the Barbalunga Enterprises and Elm Street Mobil Sites and summarize any reports submitted to MDEP or decision documents relating to those sites that were issued during the previous year.

Please feel free to contact me with any questions or comments.

Sincerely,

Handwritten signature of Richard W. Gates in blue ink, with the initials 'RWG' written to the right of the signature.

Richard W. Gates
Senior Project Manager – Environmental Remediation

Attachments

cc: Dean Tagliaferro, EPA
Timothy Conway, EPA (letter and attachments by e-mail)
Christopher Ferry, ASRC Primus (letter + CD-ROM)
Scott Campbell, Avatar (2 hard copies + CD-ROM)
Robert Leitch, USACE (letter + CD-ROM)
Michael Gorski, MDEP (letter + CD-ROM)
Eva Tor, MDEP (letter without attachments by e-mail)
John Ziegler, MDEP (letter + CD-ROM)
Karen Pelto, MDEP (without attachments)
Nancy E. Harper, MA AG (without attachments)
Nate Joyner, Pittsfield Dept. of Community Development (without attachments)
Roderic McLaren, GE (without attachments)
Matthew Calacone, GE
Gregory Hencir, AECOM

James Bieke, Sidley Austin
Property Owner – Parcel I8-23-6 (2 hard copies + CD-ROM)
Property Owner – Parcel I8-23-4 (letter + CD-ROM)
Property Owner – Parcel I8-23-5 (letter + CD-ROM)
Elizabeth Zinkevich, ExxonMobil Oil Corp. (letter + CD-ROM)
Eric Henry, Kleinfelder (letter + CD-ROM)
Valerie Tillinghast, O'Reilly, Talbot & Okun (letter + CD-ROM)
Public Information Repositories
GE Internal Repository

Table

Table 1
Monitoring Well Inventory Summary / Well Maintenance Tracking Table

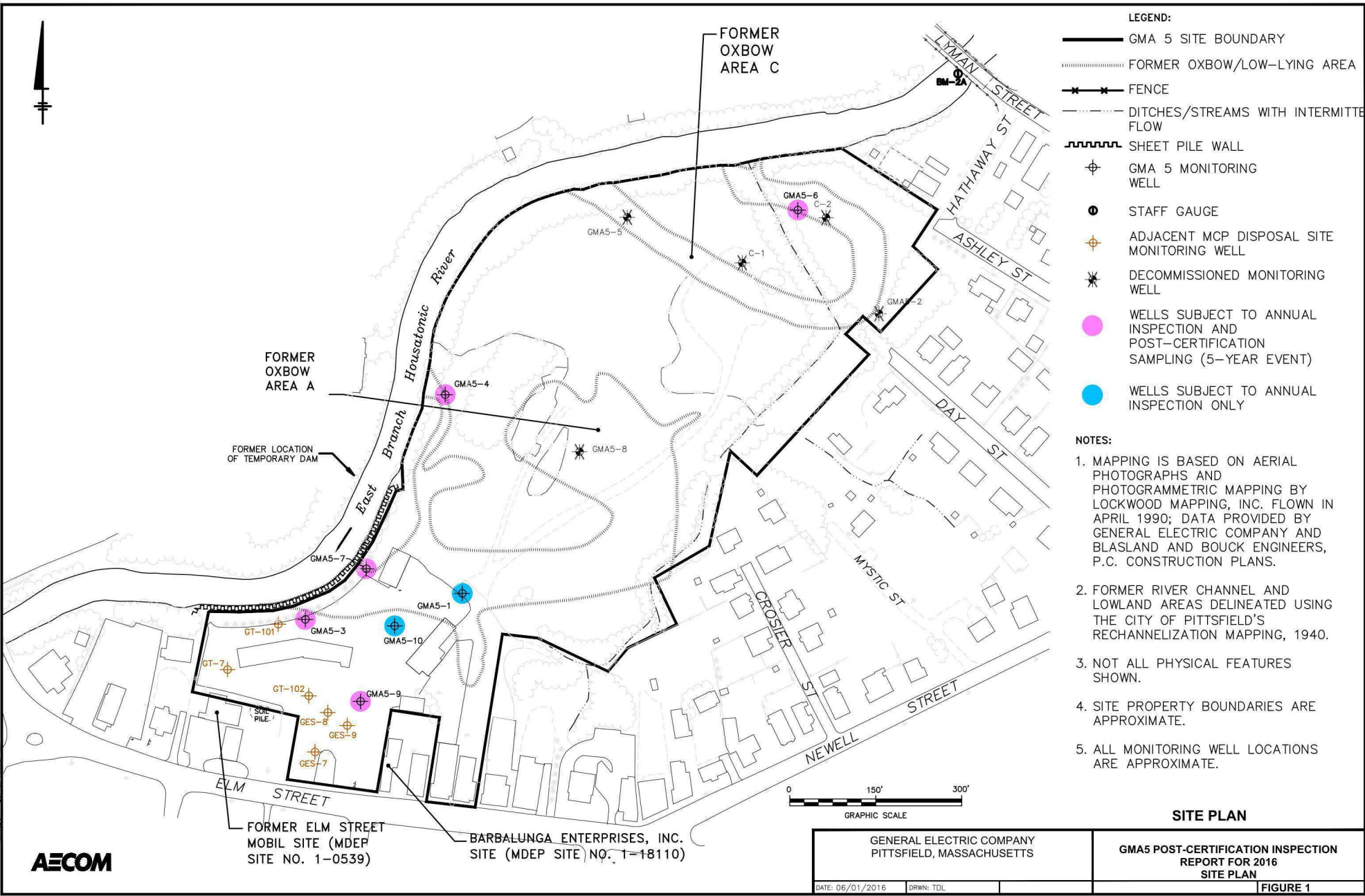
Post-Certification Inspection Report for 2016
 Groundwater Management Area 5
 General Electric Company - Pittsfield, Massachusetts

Well Name	Date of Inspection	Measuring Point Elevation	June Average Depth to Water (ft BMP)	June 2016 Depth to Water (ft BMP)	As-Built Total Depth (ft BMP)	Previous Measured Total Depth (ft BMP)	June 2016 Measured Total Depth (ft BMP)	Areas Identified for Follow-up During Inspection			Date of Completed Maintenance	Completed Maintenance
								Outer Casing/Manhole (Bolts, Cover, Seal, Road Box)	Inner Casing (Modify Riser, Replace J-Plug, Re-survey)	General Maintenance (Replace Bolts/Lock, Label Well ID, Clean/Repair Seal/Lid)		
GMA5-1	6/22/2016	984.80	8.73	8.95	16.12	15.63	15.62	None	None	Enhance well label.	6/22/2016	Enhanced well label.
GMA5-3	6/22/2016	989.21	17.59	17.87	24.64	24.93	25.15	None	None	None	NA	None
GMA5-4	6/22/2016	979.66	9.67	9.60	18.46	18.49	18.50	None	None	None	NA	None
GMA5-6	6/22/2016	979.23	8.59	8.23	15.13	15.68	15.75	None	None	Stake with flagging	7/19/2016	Staked with flagging
GMA5-7	6/22/2016	986.75	16.31	16.60	27.54	27.00	26.90	None	None	None	NA	None
GMA5-9	6/22/2016	989.43	11.96	12.16	21.55	21.43	21.80	None	None	None	NA	None
GMA5-10	6/22/2016	987.11	13.06	13.42	18.54	18.57	18.90	None	None	None	NA	None

Notes

1. ft BMP = Feet Below Measuring Point.
2. NA = Not applicable.
3. As-built depths based on original well construction details and subsequent measuring point modifications, as applicable.
4. Previous measured total depths based on measurements obtained during the previous monitoring well inventory conducted in June 2015.

Figure

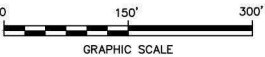


FORMER ELM STREET MOBIL SITE (MDEP SITE NO. 1-0539)

BARBALUNGA ENTERPRISES, INC. SITE (MDEP SITE NO. 1-18110)

- LEGEND:**
- GMA 5 SITE BOUNDARY
 - ⋯ FORMER OXBOW/LOW-LYING AREA
 - x — FENCE
 - - - DITCHES/STREAMS WITH INTERMITTENT FLOW
 - ⋯ SHEET PILE WALL
 - ⊕ GMA 5 MONITORING WELL
 - STAFF GAUGE
 - ⊕ ADJACENT MCP DISPOSAL SITE MONITORING WELL
 - ★ DECOMMISSIONED MONITORING WELL
 - WELLS SUBJECT TO ANNUAL INSPECTION AND POST-CERTIFICATION SAMPLING (5-YEAR EVENT)
 - WELLS SUBJECT TO ANNUAL INSPECTION ONLY

- NOTES:**
1. MAPPING IS BASED ON AERIAL PHOTOGRAPHS AND PHOTOGRAMMETRIC MAPPING BY LOCKWOOD MAPPING, INC. FLOWN IN APRIL 1990; DATA PROVIDED BY GENERAL ELECTRIC COMPANY AND BLASLAND AND BOUCK ENGINEERS, P.C. CONSTRUCTION PLANS.
 2. FORMER RIVER CHANNEL AND LOWLAND AREAS DELINEATED USING THE CITY OF PITTSFIELD'S RECHANNELIZATION MAPPING, 1940.
 3. NOT ALL PHYSICAL FEATURES SHOWN.
 4. SITE PROPERTY BOUNDARIES ARE APPROXIMATE.
 5. ALL MONITORING WELL LOCATIONS ARE APPROXIMATE.



SITE PLAN

GENERAL ELECTRIC COMPANY PITTSFIELD, MASSACHUSETTS		GMA5 POST-CERTIFICATION INSPECTION REPORT FOR 2016 SITE PLAN	
DATE: 06/01/2016	DRWN: TDL		FIGURE 1

Attachment A

Inspection Forms and Photos

MONITORING WELL INTEGRITY ASSESSMENT

Site Name: GE Pittsfield GMAS
Well I.D.: GMAS-1
Date: 6/22/16

(For each item, circle the appropriate response or fill in the blank)

Well I.D. Clearly Marked: YES NO
Well Completion: FLUSH MOUNT ABOVE-GRADE STANDPIPE
Lockable Cover: YES NO DAMAGED (Describe below)
Lock Present: YES NO ADDED Key Brand/Number: 2537 Master
Measuring Point Marked: YES NO ADDED
Well Riser Diameter (inches): 2"
Well Riser Type: PVC Stainless Steel Other (Describe)

Surface Condition

Cement Intact: YES NO (Describe below)
Curb Box/Well Cover Present: YES NO DAMAGED (Describe below)
All Bolts Present: YES NO (Describe below)

Well Condition

Well Cap: PVC Slip Cap Pressure-fit Cap None
Well Vent: Slot Cut in Riser Vent Hole in Cap None Not Applicable (Flush Mount Well)
Reported Well Riser Stickup (feet): X (use negative number if below grade)
Measured Well Riser Stickup (feet): X (use negative number if below grade)

Depth to Water (feet from Top of Well Riser): 8.95 -or- DRY
Depth to LNAPL (feet from Top of Well Riser): -or- NONE
Depth to DNAPL (feet from Top of Well Riser): -or- NONE

Reported Total Depth of Well (feet below grade): 16.12
Measured Total Depth of Well (feet below grade): 15.62
Well Obstructed: YES NO If yes, list depth in feet from Top of Well Riser:
Well Bottom: SOFT (contains sediment) FIRM (no sediment)

Recommendations

Repair Concrete/Surface Completion: YES NO
Re-Survey Well: YES NO If yes, list date performed:
Remove Sediment and Re-Measure Depth: YES NO If yes, list date performed:
Replace Well Cap: YES NO If yes, list date performed:
Replace Bolts: YES NO If yes, list date performed:
Other/Miscellaneous Observations: Voc Vapor not detected

Inspector(s): KM

Client Name: General Electric

Site Location: Elm St, Pittsfield, MA

Project No. 60331701

Photo No.
1

Date:
6/22/16

Direction Photo Taken:

Overhead View.

Description:

GMA5-1



MONITORING WELL INTEGRITY ASSESSMENT

Site Name: GE Pittsfield GMAS
Well I.D.: GMAS-3
Date: 6/22/16

(For each item, circle the appropriate response or fill in the blank)

Well I.D. Clearly Marked: YES NO
Well Completion: FLUSH MOUNT ABOVE-GRADE STANDPIPE
Lockable Cover: YES NO DAMAGED (Describe below)
Lock Present: YES NO ADDED Key Brand/Number: 2537 Masker
Measuring Point Marked: YES NO ADDED
Well Riser Diameter (inches): 2"
Well Riser Type: PVC Stainless Steel Other (Describe)

Surface Condition

Cement Intact: YES NO (Describe below)
Curb Box/Well Cover Present: YES NO DAMAGED (Describe below)
All Bolts Present: YES NO (Describe below)

Well Condition

Well Cap: PVC Slip Cap Pressure-fit Cap None
Well Vent: Slot Cut in Riser Vent Hole in Cap None Not Applicable (Flush Mount Well)
Reported Well Riser Stickup (feet): X (use negative number if below grade)
Measured Well Riser Stickup (feet): X (use negative number if below grade)

Depth to Water (feet from Top of Well Riser): 17.87 -or- DRY
Depth to LNAPL (feet from Top of Well Riser): None -or- NONE
Depth to DNAPL (feet from Top of Well Riser): None -or- NONE

Reported Total Depth of Well (feet below grade): 24.64
Measured Total Depth of Well (feet below grade): 25.15

Well Obstructed: YES NO If yes, list depth in feet from Top of Well Riser:
Well Bottom: SOFT (contains sediment) FIRM (no sediment)

Recommendations

Repair Concrete/Surface Completion: YES NO
Re-Survey Well: YES NO If yes, list date performed:
Remove Sediment and Re-Measure Depth: YES NO If yes, list date performed:
Replace Well Cap: YES NO If yes, list date performed:
Replace Bolts: YES NO If yes, list date performed:

Other/Miscellaneous Observations: Voc Vapor not detected

Inspector(s): RM

Client Name: General Electric

Site Location: Elm St, Pittsfield, MA

Project No. 60331701

Photo No.
2

Date:
6/22/2016

Direction Photo
Taken:

Overhead View.

Description:

GMA5-3



MONITORING WELL INTEGRITY ASSESSMENT

Site Name: GTE P. Hsf. c/d GMA5
Well I.D.: GMA5-4
Date: 6/22/16

(For each item, circle the appropriate response or fill in the blank)

Well I.D. Clearly Marked: YES NO
Well Completion: FLUSH MOUNT ABOVE-GRADE STANDPIPE
Lockable Cover: YES NO DAMAGED (Describe below)
Lock Present: YES NO ADDED Key Brand/Number: Master 2537
Measuring Point Marked: YES NO ADDED
Well Riser Diameter (inches): 2"
Well Riser Type: PVC Stainless Steel Other (Describe) ~~St~~

Surface Condition

Cement Intact: YES NO (Describe below)
Curb Box/Well Cover Present: YES NO DAMAGED (Describe below)
All Bolts Present: YES NO (Describe below)

Well Condition

Well Cap: PVC Slip Cap Pressure-fit Cap None
Well Vent: Slot Cut in Riser Vent Hole in Cap None Not Applicable (Flush Mount Well)
Reported Well Riser Stickup (feet): X (use negative number if below grade)
Measured Well Riser Stickup (feet): X (use negative number if below grade)

Depth to Water (feet from Top of Well Riser): 9.60 -or- DRY
Depth to LNAPL (feet from Top of Well Riser): _____ -or- NONE
Depth to DNAPL (feet from Top of Well Riser): _____ -or- NONE

Reported Total Depth of Well (feet below grade): 18.46
Measured Total Depth of Well (feet below grade): 18.50
Well Obstructed: YES NO If yes, list depth in feet from Top of Well Riser: _____
Well Bottom: SOFT (contains sediment) FIRM (no sediment)

Recommendations

Repair Concrete/Surface Completion: YES NO
Re-Survey Well: YES NO If yes, list date performed: _____
Remove Sediment and Re-Measure Depth: YES NO If yes, list date performed: _____
Replace Well Cap: YES NO If yes, list date performed: _____
Replace Bolts: YES NO If yes, list date performed: _____
Other/Miscellaneous Observations: Vocs not detected

Inspector(s): TM

Client Name: General Electric

Site Location: Elm St, Pittsfield, MA

Project No. 60331701

Photo No.
3

Date:
6/22/2016

Direction Photo Taken:

Overhead View.

Description:

GMA5-4



MONITORING WELL INTEGRITY ASSESSMENT

Site Name: GE Pittsfield GMA5
Well I.D.: GMA5-6
Date: 6/22/14

(For each item, circle the appropriate response or fill in the blank)

Well I.D. Clearly Marked: YES NO
Well Completion: FLUSH MOUNT ABOVE-GRADE STANDPIPE
Lockable Cover: YES NO DAMAGED (Describe below)
Lock Present: YES NO ADDED Key Brand/Number: Master 2537
Measuring Point Marked: YES NO ADDED
Well Riser Diameter (inches): 2"
Well Riser Type: PVC Stainless Steel Other (Describe)

Surface Condition

Cement Intact: YES NO (Describe below)
Curb Box/Well Cover Present: YES NO DAMAGED (Describe below)
All Bolts Present: YES NO (Describe below)

Well Condition

Well Cap: PVC Slip Cap Pressure-fit Cap None
Well Vent: Slot Cut in Riser Vent Hole in Cap None Not Applicable (Flush Mount Well)
Reported Well Riser Stickup (feet): X (use negative number if below grade)
Measured Well Riser Stickup (feet): X (use negative number if below grade)

Depth to Water (feet from Top of Well Riser): 8.23 -or- DRY
Depth to LNAPL (feet from Top of Well Riser): None -or- NONE
Depth to DNAPL (feet from Top of Well Riser): None -or- NONE

Reported Total Depth of Well (feet below grade): 15.13
Measured Total Depth of Well (feet below grade): 15.75

Well Obstructed: YES NO If yes, list depth in feet from Top of Well Riser:
Well Bottom: SOFT (contains sediment) FIRM (no sediment)

Recommendations

Repair Concrete/Surface Completion: YES NO
Re-Survey Well: YES NO If yes, list date performed:
Remove Sediment and Re-Measure Depth: YES NO If yes, list date performed:
Replace Well Cap: YES NO If yes, list date performed:
Replace Bolts: YES NO If yes, list date performed:

Other/Miscellaneous Observations: Very hard to find, needs to be flagged, No vac detected

Inspector(s): TM

Client Name: General Electric

Site Location: Elm St, Pittsfield, MA

Project No. 60331701

Photo No.
4

Date:
6/22/2016

Direction Photo Taken:

Overhead View.

Description:

GMA5-6



MONITORING WELL INTEGRITY ASSESSMENT

Site Name: GE Pittsfield GMAS
 Well I.D.: GMAS-7
 Date: 6/22/16

(For each item, circle the appropriate response or fill in the blank)

Well I.D. Clearly Marked: YES NO
 Well Completion: FLUSH MOUNT ABOVE-GRADE STANDPIPE
 Lockable Cover: YES NO DAMAGED (Describe below)
 Lock Present: YES NO ADDED Key Brand/Number: Master 2537
 Measuring Point Marked: YES NO ADDED
 Well Riser Diameter (inches): 2"
 Well Riser Type: PVC Stainless Steel Other (Describe) _____

Surface Condition

Cement Intact: YES NO (Describe below)
 Curb Box/Well Cover Present: YES NO DAMAGED (Describe below)
 All Bolts Present: YES NO (Describe below)

Well Condition

Well Cap: PVC Slip Cap Pressure-fit Cap None
 Well Vent: Slot Cut in Riser Vent Hole in Cap None Not Applicable (Flush Mount Well)
 Reported Well Riser Stickup (feet): X (use negative number if below grade)
 Measured Well Riser Stickup (feet): X (use negative number if below grade)

Depth to Water (feet from Top of Well Riser): 16.60 -or- DRY
 Depth to LNAPL (feet from Top of Well Riser): N -or- NONE
 Depth to DNAPL (feet from Top of Well Riser): N -or- NONE

Reported Total Depth of Well (feet below grade): 27.56
 Measured Total Depth of Well (feet below grade): 26.90
 Well Obstructed: YES NO If yes, list depth in feet from Top of Well Riser: _____
 Well Bottom: SOFT (contains sediment) FIRM (no sediment)

Recommendations

Repair Concrete/Surface Completion: YES NO
 Re-Survey Well: YES NO If yes, list date performed: _____
 Remove Sediment and Re-Measure Depth: YES NO If yes, list date performed: _____
 Replace Well Cap: YES NO If yes, list date performed: _____
 Replace Bolts: YES NO If yes, list date performed: _____
 Other/Miscellaneous Observations: NO ppm detected

Inspector(s): TRN

Client Name: General Electric

Site Location: Elm St, Pittsfield, MA

Project No. 60331701

Photo No.
5

Date:
6/22/2016

Direction Photo
Taken:

Overhead View.

Description:

GMA5-7



MONITORING WELL INTEGRITY ASSESSMENT

Site Name: GE Pittsfield GMA5
Well I.D.: GMA5-9
Date: 6/22/16

(For each item, circle the appropriate response or fill in the blank)

Well I.D. Clearly Marked: YES NO
Well Completion: FLUSH MOUNT ABOVE-GRADE STANDPIPE
Lockable Cover: YES NO DAMAGED (Describe below)
Lock Present: YES NO ADDED Key Brand/Number: Master 2537
Measuring Point Marked: YES NO ADDED
Well Riser Diameter (inches): 2"
Well Riser Type: PVC Stainless Steel Other (Describe) _____

Surface Condition

Cement Intact: YES NO (Describe below)
Curb Box/Well Cover Present: YES NO DAMAGED (Describe below)
All Bolts Present: YES NO (Describe below)

Well Condition

Well Cap: PVC Slip Cap Pressure-fit Cap None
Well Vent: Slot Cut in Riser Vent Hole in Cap None Not Applicable (Flush Mount Well)
Reported Well Riser Stickup (feet): X (use negative number if below grade)
Measured Well Riser Stickup (feet): X (use negative number if below grade)

Depth to Water (feet from Top of Well Riser): 12.16 -or- DRY
Depth to LNAPL (feet from Top of Well Riser): None -or- NONE
Depth to DNAPL (feet from Top of Well Riser): None -or- NONE

Reported Total Depth of Well (feet below grade): 21.55
Measured Total Depth of Well (feet below grade): 21.80
Well Obstructed: YES NO If yes, list depth in feet from Top of Well Riser: _____
Well Bottom: SOFT (contains sediment) FIRM (no sediment)

Recommendations

Repair Concrete/Surface Completion: YES NO
Re-Survey Well: YES NO If yes, list date performed: _____
Remove Sediment and Re-Measure Depth: YES NO If yes, list date performed: _____
Replace Well Cap: YES NO If yes, list date performed: _____
Replace Bolts: YES NO If yes, list date performed: _____

Other/Miscellaneous Observations: 0 pfor

Inspector(s): TEM

Client Name: General Electric

Site Location: Elm St, Pittsfield, MA

Project No. 60331701

Photo No.
6

Date:
6/22/2016

Direction Photo
Taken:

Overhead View.

Description:

GMA5-9



MONITORING WELL INTEGRITY ASSESSMENT

Site Name: GE Pittsfield GMA5
Well I.D.: GMA5-10
Date: 6/22/16

(For each item, circle the appropriate response or fill in the blank)

Well I.D. Clearly Marked: YES NO
Well Completion: FLUSH MOUNT ABOVE-GRADE STANDPIPE
Lockable Cover: YES NO DAMAGED (Describe below)
Lock Present: YES NO ADDED Key Brand/Number: Master 2537
Measuring Point Marked: YES NO ADDED
Well Riser Diameter (inches): 2"
Well Riser Type: PVC Stainless Steel Other (Describe)

Surface Condition

Cement Intact: YES NO (Describe below)
Curb Box/Well Cover Present: YES NO DAMAGED (Describe below)
All Bolts Present: YES NO (Describe below)

Well Condition

Well Cap: PVC Slip Cap Pressure-fit Cap None
Well Vent: Slot Cut in Riser Vent Hole in Cap None Not Applicable (Flush Mount Well)
Reported Well Riser Stickup (feet): X (use negative number if below grade)
Measured Well Riser Stickup (feet): X (use negative number if below grade)

Depth to Water (feet from Top of Well Riser): 13.42 -or- DRY
Depth to LNAPL (feet from Top of Well Riser): None -or- NONE
Depth to DNAPL (feet from Top of Well Riser): None -or- NONE

Reported Total Depth of Well (feet below grade): 18.54
Measured Total Depth of Well (feet below grade): 18.90
Well Obstructed: YES NO If yes, list depth in feet from Top of Well Riser:
Well Bottom: SOFT (contains sediment) FIRM (no sediment)

Recommendations

Repair Concrete/Surface Completion: YES NO
Re-Survey Well: YES NO If yes, list date performed:
Remove Sediment and Re-Measure Depth: YES NO If yes, list date performed:
Replace Well Cap: YES NO If yes, list date performed:
Replace Bolts: YES NO If yes, list date performed:
Other/Miscellaneous Observations:

0 ppm

Inspector(s): EM

Client Name: General Electric

Site Location: Elm St, Pittsfield, MA

Project No. 60331701

Photo No.
7

Date:
6/22/2016

Direction Photo
Taken:

Overhead View.

Description:

GMA5-10



Attachment B

**Documents Related to
Adjacent Barbalunga
Enterprises Site**

DEP BWSC CRA TECHNICAL SCREENING AUDIT FORM

KF [initials]

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Lead RTN: <u>1-18110</u>		
SUBMITTAL TYPE (Circle one) Phase II <input checked="" type="checkbox"/> Phase III <input type="checkbox"/> Phase IV <input type="checkbox"/> Phase VI/ROS <input type="checkbox"/> Periodic Review <input type="checkbox"/> Other: <input type="checkbox"/> Related RTNs: <input type="checkbox"/>		OHM description: (Source, Type of OHM, Media Affected) <i>PCE to soil + groundwater from former dry cleaner operation - also soil gas</i> Site Use: <i>Commercial</i>
		Date Rcvd <u>4, 30, 15</u>

Town: <u>Pittsfield</u>	Site Name: <u>Barbalunga Enterprises, Inc.</u>
Address: <u>103-105 Elm St.</u>	LSP Name/No.: <u>Kevin O'Reilly 9908</u>
PRP/OP: <u>Barbalunga Enterprises, Inc.</u>	Consulting Firm: <u>OTO</u>

TECHNICAL SCREENING CHECKLIST			
Condition	Yes	No	Page #
I. SITE CONCERNS (Score based upon conditions at time of CRA filing)			
A. Indoor Air (Based upon conditions at time of submittal)			
1. <input checked="" type="checkbox"/> Applicable GW-2 standard exceeded @ residence/school with no soil gas/indoor air sampling	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. <input checked="" type="checkbox"/> Site contaminants impacting indoor air	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
B. Groundwater/Drinking Water (Based upon conditions at time of submittal)			
1. <input checked="" type="checkbox"/> More than 0.5" NAPL observed in any monitoring well	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Site within potential drinking water source area (PDWSA)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Site located within IWPA/mapped Zone II	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Private/Non-municipal public well(s) (TNC, NTNC) located within 500 feet of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
5. Municipal well(s) located within 1000 feet of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
6. <input checked="" type="checkbox"/> Private well contaminated as a result of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
7. <input checked="" type="checkbox"/> Public water supply contaminated as a result of site	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
C. Soil (Based upon conditions at time of submittal)			
1. IH levels of Arsenic (40), Cadmium (60), Chromium (200), Cyanide (100), Mercury (300), Methyl Mercury (10), or PCBs (10) in surface soil (< 1 foot)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
D. Environmental Concerns			
1. Site within 500 feet of surface water and/or wetlands	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Endangered species habitat, ACEC and/or certified vernal pool within 500 feet	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Confirmed contamination of surface water, sediments and/or wetlands with site contaminants	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
E. Site & Area Use (Choose all that apply)			
1. School/Institution/Playground	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Residential <i>up gradient + across street</i>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
F. Released OHM (Primary Contaminant Type(s))			
1. Petroleum Fuel Oils (#2, #4, #6, Jet fuel, kerosene, lube oil, MODF, etc.)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Gasoline, waste oil	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3. Metals, coal tar, PCBs, pesticides/herbicides, asbestos, PAHs, cyanide	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
4. Chlorinated solvents or other organic compounds	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
G. Site Complexity			
1. Co-mingled plumes (i.e., different sources from one or more sites co-mingled)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
2. Bedrock contamination	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
If <input checked="" type="checkbox"/> conditions currently exist, see supervisor to discuss.			

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II. PHASE II: Comprehensive Site Assessment - Indication That:		Citation(s)	Yes	No	?	NA	Page #
1. A Phase II SOW has been developed and submitted to the Department		40.0832(1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. The Phase II Report was received within 2 years of Tier Classification or within 2 years of the effective date of the Tier 1 Permit		40.0550(2)(b), 40.0560(2)(b)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. The source, nature, extent, and potential impacts of the release(s) of OHM have been identified		40.0833(1)(a)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. The need to conduct remedial actions at the disposal site have been identified		40.0833(1)(c)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. A Completion Statement (including an Opinion and certification) have been completed		40.0836(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
6. If appropriate, the disposal site has been re-scored using the Numerical Ranking System (NRS)		40.0840(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
7. Public Involvement Activities have been completed		40.0839, 40.1403(3)(a)(e)(f), 40.1406	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Risk Characterization							
8. Background has been identified or characterized		40.0904(2)(b), 40.1020	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. The correct risk characterization method has been used		40.0941, 40.0942	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10. The appropriate soil/groundwater categories have been properly identified		40.0930	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11. EPC calculations have been provided (spatial or temporal) and EPCs have been properly calculated		40.0926	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12. Hot Spot(s) addressed, identified (as Hot Spot) and have not added in to other EPCs		40.0924(4), 40.0926(5)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
13. Migration Pathways (air, groundwater, etc.) assessed and evaluated (All Methods, media dependent)		40.0904(2)(c), 40.1004(1)(a)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14. Applicable soil and/or groundwater standards have not been exceeded (Method 1 or 2) or AUL applied		40.0974, 40.0975, 40.0988(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
15. All receptors have been accounted for (construction worker, trespassers, wetland, etc.) (Method 3)		40.0920-40.0922	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16. Proper Exposure Scenario assumptions (exposure period, etc.) (Method 3)		40.0923-40.0925	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17. All Exposure Pathways (dermal, inhalation, etc.) have been presented (Method 3)		40.0925	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
18. Total site risk has been calculated (Method 3)		40.0992, 40.0993(7),(8), (9)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
III. Phase III (RAP) Identification, Evaluation and Selection of Comprehensive Remedial Action Alternatives - Indication That:			Yes	No	?	NA	Page #
1. The evaluation of remedial technologies was documented in a Ph III Remedial Action Plan (RAP)		40.0861(1)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. The RAP was received w/in 2 years of Tier Class. or w/in 2 years of the effective date of the Tier 1 Permit.		40.0550(2)(b), 40.0560(2)(b)	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. A description of all identified remedial action alternatives was included		40.0861(2)(a)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. The results of an initial screening of the remedial action alternatives was included		40.0856(1), 40.0861(2)(a)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. A detailed evaluation of the remedial technologies (except as provided in 40.0857(2)) was included (comparative effectiveness, short- & long-term reliability, difficulty, costs, risks, benefits, and timeliness)		40.0857(1), 40.0861(2)(b), 40.0858(1-7)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Justification for the selection of the proposed remedial action alternative		40.0861(2)(c)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If a Permanent Solution was chosen:							
7. Discussion of how the Permanent Solution is likely to achieve No Significant Risk		40.0859(2), 40.0861(2)(e)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Evaluation of the feasibility of reaching/approaching background (unless RAA will result in A-1 RAO)		40.0861(2)(g)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
9. If RAA leaves OHM above UCLs at depths >15 ft or beneath an engineered barrier, an evaluation of the feasibility of reducing OHM below UCLs is included		40.0860(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
10. A projected schedule for the implementation of Phase IV activities was included		40.0861(2)(i)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11. A Completion Statement (including an Opinion and certification) have been completed		40.0862(3)(a)(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
12. Public Involvement Activities have been completed		40.0863, 40.1403(3)(e)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
If a Temporary Solution was chosen:							
13. Evaluation of the feasibility of implementing a Permanent Solution which is more cost-effective and timely		40.0859(2), 40.0861(2)(f)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
14. Discussion of how a Temporary Solution is likely to eliminate any Substantial Hazards is included		40.0861(2)(f)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
15. A detailed description of definitive and enterprising steps to identify and develop a likely Permanent Solution and a schedule of such steps have been completed		40.0859(2), 40.0861(2)(h)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16. A projected schedule for the implementation of Phase IV activities was included		40.0861(2)(j)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17. A Completion Statement (including an Opinion and certification) have been completed		40.0862(3)(a)(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
18. Public Involvement Activities have been completed		40.0863, 40.1403(3)(e)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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IV. Phase IV Implementation of the Selected Remedial Action Alternative - Indication That:		Quotation(s)	Yes	No	?	NA	Page#
1. The Remedial Implementation Plan (RIP) was received within 3 years of Tier Classification or within 3 years of the effective date of the Tier 1 Permit.		40.0550(2)(c), 40.0560(2)(c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. The selected Remedial Action Alternative (RAA) has been documented in a RIP, unless technically justified		40.0874(1,2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. A list of relevant contacts including the PRP, the LSP, and the person who will operate and maintain RAA		40.0874(3)(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Engineering designs (including goals, changes, disposal site map, proposed locations, environmental media to be treated, conceptual plan, design and operational parameters, etc.) are included		40.0874(3)(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. Construction Plans and Specifications (including a construction schedule) are included		40.0874(3)(c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. An Operation, Maintenance and/or Monitoring Plan, containing names & phone #s, general operating procedures, frequency & type of monitoring, is included		40.0874(3)(d)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
7. A Health and Safety Plan is included		40.0874(3)(e)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. A list of federal, state, or local permits, licenses, and/or approvals is included		40.0874(3)(f)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. A discussion of property access issues (with a plan & timetable to resolve such issues) is included		40.0874(3)(g)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10. If significant variation from RIP occurred, or if an engineered barrier, or containment/immobilization system was installed, an As-Built Construction Report has been submitted.		40.0875(1)(b,c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11. The As-Built Construction Report contains a description of construction activities, tests and measurements, significant modifications of the design or construction, and as-built drawings		40.0875(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
12. Remedial Monitoring and Phase IV Status Reports have been submitted in accordance with deadlines, where Active Operation and Maintenance is conducted prior to submittal of Final Inspection Report and Phase IV Completion Statement		40.0877(1)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13. Phase IV Status Report includes descriptions of type and frequency of OM&M activities, significant modifications since preceding report, performance of remedial action, problems noted which may affect performance, corrective measures taken, and the name, license number, signature and seal of LSP		40.0877(4)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14. The Final Inspection Report was completed		40.0878(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15. The Final Inspection Report contains a description of activities/findings, modifications from the RIP, any required permits, and a determination that the CRA meets projected design standards		40.0878(1,2,3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16. A Completion Statement (including an LSP Opinion and certification) have been completed		40.0879(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
17. Public Involvement Activities have been completed		40.0880, 40.1403(3)(a)(e)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
V. Phase V Operation, Maintenance, and/or Monitoring or ROS - Indication That:			Yes	No	?	NA	Page#
1. OM&M follows the OM&M plan developed as part of the Remedy Implementation Plan		40.0891(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Phase V Status Reports have been submitted 6 months from receipt of Phase IV Completion Statement and every 6 months thereafter		40.0892(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Phase V Status Report includes descriptions of type and frequency of OM&M activities, significant modifications since preceding report, performance of remedial action, problems noted which may affect performance, corrective measures taken, and the name, license number, signature and seal of LSP		40.0893(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Remedial Monitoring Reports have been submitted in accordance with deadlines for disposal sites where Active Operation and Maintenance is being conducted		40.0892(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
5. A Completion Statement (including an Opinion and certification) have been completed		40.0894	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
6. Public Involvement activities have been completed		40.0895, 40.1403(3)(e)(f)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
Remedy Operation Status							
7. ROS applies: Active O&M is being conducted to achieve a Permanent Solution		40.893(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
8. Phase III and Phase IV Comprehensive Response Actions have been completed		40.0893(2)(a)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
9. The remedial system is being operated and maintained according to Phase V OM&M		40.893(2)(c)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
10. Each source has been eliminated or controlled		40.893(2)(d)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
11. Any Substantial Hazard has been eliminated		40.893(2)(e)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

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12. Information and data on OM&M have been documented in Status and Remedial Monitoring Reports in accordance with deadlines	40.0893(2)(f)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
13. ROS submittal contains a transmittal form, an ROS Opinion, and certification under 40.0009	40.893(3)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
14. Written notification of mechanical failure and/or need to substantially modify remedial system or program have been completed	40.0893(6)(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
15. A Completion Statement (including an Opinion and certification) have been completed	40.0894	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
16. Public Involvement activities have been completed	40.0895, 40.1403(3)(e)(f)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
VI. C. 1 RAO Periodic Review Indication That:		Yes	No	?	NA	Page#
1. Periodic Reviews have been conducted and submitted every 5 years and contain:	40.1051(3)(b)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
2. Discussion of current Feasibility of a Permanent Solution	40.1051(3)(b)(1)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
3. Discussion of the effectiveness of the Temporary Solution and evaluation of any AUL thereof	40.1051(3)(b)(2)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	
4. Description of necessary and required actions to maintain the Temporary Solution	40.1051(3)(b)(6)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Attachment C

**Documents Related to
Adjacent Elm Street Mobil Site**



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Western Regional Office • 436 Dwight Street, Springfield MA 01103 • 413-784-1100

Charles D. Baker
Governor

Karyn E. Polito
Lieutenant Governor

Matthew A. Beaton
Secretary

Martin Suuberg
Commissioner

Exxonmobil Oil Corporation
Elizabeth Zinkevicz, Environmental Services
647 US Route 1 STE 14 PMB 253
York, ME 03909

September 11, 2015

RE: **NOTICE OF NONCOMPLIANCE**
Pittsfield
83-89 Elm Street
Mobil Station 01-ECQ
RTN(s): 1-00529
NON-WE-15-3052
Failure to Comply with Massachusetts
Contingency Plan Deadlines

Dear Ms. Zinkevicz:

The Department of Environmental Protection (the Department) has determined that Exxonmobile Oil Corporation (hereafter referred to as "you") is not in compliance with one or more requirements enforced by the Department. The Department's records indicate that you are a Potentially Responsible Party (PRP) for one or more releases of oil and/or hazardous materials at the disposal site (the site) named above. As of the date of this Notice, you are not in compliance with regulatory deadlines for investigating and cleaning up the disposal site. Specifically:

- You failed to submit to the Department a Periodic Review of the Temporary Solution which is to be submitted every fifth year after the date of filing of the Temporary Solution Statement in accordance with the Massachusetts Contingency Plan (MCP) 310 CMR 40.1050.

If the required actions are not completed by the deadlines specified below, an administrative penalty may be assessed for every day after the date of this Notice that the noncompliance occurs or continues. Such a penalty may be assessed in an amount of up to \$1,000.00 per violation per day.

Attached is a Notice of Noncompliance that describes (1) the requirement violated, (2) the date and place that the Department asserts the requirement was violated, (3) either the specific actions which must be taken in order to return to compliance or direction to submit a written proposal describing how and when you plan to return to compliance and (4) the deadline for taking such

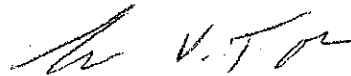
actions or submitting such a proposal. These requirements are governed by Massachusetts General Laws Chapter 21E, and the regulations adopted thereunder (310 CMR 40.0000 -- the Massachusetts Contingency Plan or "MCP"). Please consult the MCP for the complete explanation of these requirements. The MCP may be viewed on the Department's web page at <http://www.mass.gov/dep/bwsc/regs.htm>. Copies may be purchased through the State Book Store in the State House (617-727-2834).

The Department reserves its rights to exercise the full extent of its legal authority in order to obtain full compliance with all applicable requirements, including, but not limited to, criminal prosecution, civil action including court-imposed civil penalties, or administrative action, including administrative penalties imposed by the Department.

If you have any questions about this Notice or any of the requirements contained in it, please contact Cynthia Pawloski at 413-755-2247 or Kathleen Fournier at 413-755-2267.

In responding to this Notice of Noncompliance, please reference the Release Tracking Number, RTN 1-00539, and the Enforcement Tracking Number, NON-WE-15-3052, to ensure proper tracking of your response.

Sincerely,



Eva V. Tor
Deputy Regional Director
Bureau of Waste Site Cleanup

Certified Mail #: 7015 0640 0005 9429 1450

Enc. Notice of Noncompliance

cc: Pittsfield Chief Municipal Officer
Pittsfield Health Department
Eric Henry, LSP
Denise Andler, DEP-WERO

NOTICE OF NONCOMPLIANCE

NON-WE-15-3052

RTN(s) 1-00539

THIS IS AN IMPORTANT LEGAL NOTICE.

FAILURE TO RESPOND COULD RESULT IN SERIOUS LEGAL CONSEQUENCES.

NAME OF ENTITY IN NONCOMPLIANCE:

Exxonmobil Oil Corporation

LOCATION WHERE NONCOMPLIANCE OCCURRED OR WAS OBSERVED:

83-89 Elm Street, Pittsfield Mobil Station 01-ECQ

DATES WHEN NONCOMPLIANCE OCCURRED OR WAS OBSERVED:

05/07/15 – due date for submittal of the Periodic Review of the Temporary Solution

DESCRIPTION OF REQUIREMENT(S) NOT COMPLIED WITH:

Violation of 310 CMR 40.1050(4) – a Periodic Review of the Temporary Solution shall be conducted every fifth year after the date of filing of the Temporary Solution Statement, until such time that a Permanent Solution Statement is Submitted.

On May 7, 2010, a Class C-1 Response Action Outcome Statement was submitted to the Department. In accordance with 310 CMR 40.1050, a Periodic Review Opinion shall be submitted every five years until a Permanent Solution Statement is submitted. A Periodic Review Opinion should have been submitted by May 7, 2015. To date the required documents have not been submitted to the Department. Response actions to address the contamination at this site have not been completed.

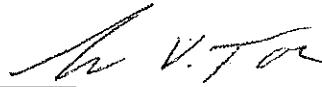
ACTION(S) TO BE TAKEN AND THE DEADLINE(S) FOR TAKING SUCH ACTION(S):

Submit to the Department: a Periodic Review of the temporary Solution in accordance with 310 CMR 40.1050, or if appropriate, a Permanent Solution Statement **by November 30, 2015.**

If the required actions are not completed by the deadlines specified, an administrative penalty may be assessed for every day after the date of this Notice that the noncompliance occurs or continues. The Department reserves its rights to exercise the full extent of its legal authority in order to obtain full compliance with all applicable requirements, including, but not limited to, criminal prosecution, civil action including court-imposed civil penalties, or administrative action, including administrative penalties imposed by the Department.

For the Department of Environmental Protection:

Date: 9/11/15



Eva V. Tor
Deputy Regional Director
Bureau of Waste Site Cleanup

APPENDIX B
Non-Hazardous Waste Manifests

NON-HAZARDOUS WASTE MANIFEST

1. Generator ID Number
MAD085285513

2. Page 1 of 1

3. Emergency Response Phone
(800) 898-1538

4. Waste Tracking Number
208311-7KA-27

5. Generator's Name and Mailing Address
ExxonMobil Oil Corporation
500 Enterprise Dr., Suite 403
Rocky Hill CT 06067
Generator's Phone 860 563-7775

Attn: Kleinfelder East

Generator's Site Address (if different than mailing address)
Former ExxonMobil Station No. 01-ECQ
83-89 Elm St
Pittsfield MA 01201

6. Transporter 1 Company Name
Cyn Oil Corporation

U.S. EPA ID Number
MAD082303777

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Tradebe Treatment and Recycling of Stoughton, LLC
44 IR Canton St.
Stoughton MA 02072
Facility's Phone 888 276-0897

U.S. EPA ID Number
MAD082170890

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
	No.	Type			
1. Non-RCRA, Non-DOT Regulated Material	001	TT	378	G	NONE
2.					
3.					
4.					

13. Special Handling Instructions and Additional Information
1)(1) Non-regulated, virgin petroleum-impacted groundwater. Waste must be shipped to and disposed at ExxonMobil-approved facilities only. Cyn PO # 634503, Kleinfelder PO # 51311-314897. Tradebe Profile # P062012019LM.

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offeror's Printed/Typed Name: *John V. Williams* Signature: *John V. Williams* Month: 10 Day: 07 Year: 15

15. International Shipments Import to U.S. Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: *Kevin M. Sullivan* Signature: *Kevin M. Sullivan* Month: 10 Day: 07 Year: 15

Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

17. Discrepancy
17a. Discrepancy Indication Space Quantity Type Residue Partial Rejection Full Rejection

17b. Alternate Facility (or Generator) _____ U.S. EPA ID Number _____

Facility's Phone: _____

17c. Signature of Alternate Facility (or Generator) _____ Month: _____ Day: _____ Year: _____

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____

GENERATOR

TRANSPORTER

DESIGNATED FACILITY

NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number MAD98529551X	2. Page 1 of 1	3. Emergency Response Phone 1800 877 1038	4. Waste Tracking Number 208311ST-TRA
5. Generator's Name and Mailing Address Exxon Mobil Oil Corporation 500 ENTERPRISE DR, SUITE 4B Rocky Hill CT, 06067 Generator's Phone: 860 563 7775		Generator's Site Address (if different than mailing address) MINI-KRATON EAST Pittsfield, MA, 01201			
6. Transporter 1 Company Name CLM OIL CORP		U.S. EPA ID Number MAD082303777			
7. Transporter 2 Company Name		U.S. EPA ID Number			
8. Designated Facility Name and Site Address Tradebe Treatment & Recycling of Stoughton LLC 441 R. Canton ST, Stoughton, MA, 02072 Facility's Phone: 888 276 0597		U.S. EPA ID Number MAD062179890			
9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.
Non-RCA, Non-DOT Regulated Material		No.	Type		
		001	TT	1382	G
2.					
3.					
4.					
13. Special Handling Instructions and Additional Information U(1) Non-regulated, Virus in petroleum-impacted ground water, Waste must be shipped to and disposed at Exxon Mobil-approved facilities only. Gen PO# 634508 Minn-Ida PO# 57311-31897 Tradebe Profile # P062012019LM					
14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.					
Generator's/Offeror's Printed/Typed Name John V. Wagoner		Signature <i>John V. Wagoner</i>		Month 10	Day 30
Year 15					
15. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____					
16. Transporter Acknowledgment of Receipt of Materials					
Transporter 1 Printed/Typed Name Kevin M. Sullivan		Signature <i>Kevin M. Sullivan</i>		Month 10	Day 30
Transporter 2 Printed/Typed Name		Signature		Year 15	
17. Discrepancy					
17a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection					
17b. Alternate Facility (or Generator)				U.S. EPA ID Number	
Facility's Phone: _____					
17c. Signature of Alternate Facility (or Generator)				Month	Day
				Year	
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a					
Printed/Typed Name		Signature		Month	Day
				Year	



Electronic Submittal
September 30, 2015

Massachusetts Department of Environmental Protection
Western Regional Office
436 Dwight Street
Springfield, Massachusetts 01103

Re: Release Abatement Measure (RAM) Status, Temporary Solution Status, Substantial Hazard Evaluation (SHE), and Periodic Review Opinion of the Temporary Solution
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street
Pittsfield, Massachusetts
RTN 1-0539

Dear Ms. Donahue:

Kleinfelder, on behalf of ExxonMobil Environmental Services Company (ExxonMobil) has prepared the enclosed RAM Status, Temporary Solution Status, SHE, and Periodic Review Opinion of the Temporary Solution for the above-referenced site. This submittal has been prepared in accordance with the provisions of the Massachusetts Contingency Plan (MCP) 310 CMR 40.0445, 40.0898, 40.0956, and 40.1050. Additionally, this submittal responds to the Notice of Noncompliance (NON) issued to ExxonMobil on September 11, 2015. This documentation was prepared under the direction of Eric Henry (LSP No. 9814) of Kleinfelder.

In addition, enclosed please find the eDEP transaction copy of the Bureau of Waste Site Cleanup (BWSC) forms BWSC 104, BWSC 106, BWSC 106-A, BWSC 108, and BWSC 108-A. The ExxonMobil representative overseeing response actions associated with this submittal is Ms. Colby Jensen, ExxonMobil, 38 Varick Street, Brooklyn, NY, 11222; she may be reached by telephone at (718) 404-0653.

Submittal of this letter to the Chief Municipal Officer, Board of Health, and property owners within the disposal site area (see distribution below) satisfies provisions set forth in 310 CMR 40.1400 of the MCP. This report may be accessed through the MassDEP at the above address. Should you have any questions, please do not hesitate to contact the undersigned at (508) 370-8256.

Sincerely,
KLEINFELDER

Hannah Butera
Staff Professional I

Eric Henry, LEP, LSP
Principal Hydrogeologist

cc: Ms. Colby Jensen, ExxonMobil Environmental Services Company (file)
Daniel L. Bianchi, Mayor, City Hall Room #105, 70 Allen St., Pittsfield MA 01201
Gina Armstrong, Director of Public Health, City Hall, 70 Allen St., Pittsfield MA 01201
Dr. Lisa Campagna Gamache, D.M.D, 77 Elm St., Pittsfield, MA 01201
Mr. Mayur Desai, T&M LLC, 1350 West Housatonic St., Pittsfield, MA 01201
Ermino Barbalunga, Barbalunga Enterprises, Inc., 103 Elm St., Pittsfield, MA 01201

135847/FRM15R26943_01-ECQ/TSol_5YrEval-SHE_RAMs 9-15



**REMEDY ABATEMENT MEASURE STATUS, TEMPORARY SOLUTION STATUS,
SUBSTANTIAL HAZARD EVALUATION, AND
PERIODIC REVIEW OPINION OF THE TEMPORARY SOLUTION**

FORMER MOBIL SERVICE STATION NO. 01-ECQ

**83-89 ELM STREET
PITTSFIELD, MASSACHUSETTS
RTN 1-0539**

September 2015

**Kleinfelder
1 Speen Street, Suite 200
Framingham, MA 01701
(508) 370-8256**

A Report Prepared for:

ExxonMobil Environmental Services Company
38 Varick Street,
Brooklyn, NY 11222

**REMEDY ABATEMENT MEASURE STATUS, TEMPORARY SOLUTION STATUS,
SUBSTANTIAL HAZARD EVALUATION, AND
PERIODIC REVIEW OPINION OF THE TEMPORARY SOLUTION**

**FORMER MOBIL SERVICE STATION NO. 01-ECQ
83-89 ELM STREET
PITTSFIELD, MASSACHUSETTS
RTN 1-0539**

Kleinfelder Job No. 135847

Prepared by:



Hannah Butera
Staff Professional I



Ryan Degrin
Staff Professional I

Reviewed by:



Eric Henry, LEP, LSP
Principal Hydrogeologist

Kleinfelder
1 Speen Street, Suite 200
Framingham, Massachusetts 01701

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1 INTRODUCTION

Kleinfelder, on behalf of ExxonMobil Environmental Services Company (ExxonMobil) has prepared the enclosed Remedy Abatement Measure (RAM) Status, Temporary Solution Status, Substantial Hazard Evaluation (SHE), and Periodic Review Opinion of the Temporary Solution for former Mobil service station No. 01-ECQ located at 83-89 Elm Street in Pittsfield, MA. This submittal was prepared in accordance with the provisions of the Massachusetts Contingency Plan (MCP) 310 CMR 40.0445, 40.0898, 40.0956, and 40.1050.

The purpose of this submittal is to provide an update on the status of the RAM and Temporary Solution, demonstrate that a condition of No Substantial Hazard currently exists at the site, evaluate the effectiveness of the Temporary Solution, and assess the feasibility of implementing a Permanent Solution for RTN 1-0539. A summary of Temporary Solution monitoring and response actions since the filing of the Class C-1 Response Action Outcome (RAO) in May 2010 as well as future response actions to be conducted at the site to maintain a Temporary Solution are described herein.

1.1 Site Description

The subject property is located at 83-89 Elm Street and currently operates as Modern Automotive Repair and Service an automobile service repair facility. A site plan depicting pertinent site features is provided as Figure 1. The disposal boundary for RTN 1-0539 includes the subject property and portions of the properties located at 71 Elm Street, 77 Elm Street, 83-89 Elm Street, and 103 Elm Street operating as Greylock Federal Credit Union, Berkshire Pediatric Dentistry, and Modern Automotive Repair & Service, and Elm Street Car Wash, respectively.

The subject property is covered by bituminous asphalt with few exceptions which include concrete in the vicinity of the former dispenser area, and limited areas of landscaping which exist on the southern perimeter of the subject site along Elm Street. The property is located in an area zoned for mixed commercial and industrial uses.

1.2 Potential Sensitive Receptors

According to the Massachusetts Geographic Information System (MassGIS) Map dated September 2015 (Figure 2), the site is not located within a Zone II or a Zone A of a public drinking

water supply or an Interim Wellhead Protection Area (IWPA). The subject property is not known to be located in a Potential or Non-Potential Drinking Water Source Area or over a Sole Source Aquifer. The nearest mapped surface water body is the Housatonic River located approximately 250 feet north. The closest Protected Open Space area is approximately 1,500 feet to the west and Silver Lake is located approximately 1,500 feet to the northeast. A Priority Habitat for State-Protected Rare Species is located one-half mile southwest of the site.

1.3 Regulatory Status and Release Background

The following historical information was compiled, in part, from previous reports submitted to the MassDEP by other consulting firms on behalf of ExxonMobil.

On March 8, 1988, during the removal and replacement of gasoline underground storage tanks (USTs), gasoline affected soil was encountered. Approximately 1,250 cubic yards of petroleum-affected soil were excavated and stockpiled at the site during this UST removal action. Environmental Compliance Services, Inc. (ECS) installed five monitoring wells and recovered light non-aqueous phase liquid (LNAPL) from two wells under a Short Term Measure (STM) at the site. As a result of the presence of LNAPL, the MassDEP issued a Notice of Responsibility to Mobil under RTN 1-0539 on March 22, 1988.

A Phase I Limited Site Investigation was performed by ECS in May 1988, which included the installation of 17 soil borings. Fourteen borings were completed as monitoring wells (ECS-1 to ECS-4, ECS-7, and ECS-9 to ECS-16). A pneumatic LNAPL recovery system was also installed and operated, utilizing two recovery wells. In January 1993, this system was replaced with passive auto bailers.

Groundwater Technology, Inc. (GTI) completed a Phase II Comprehensive Site Assessment in 1991, advancing seven soil borings and installing seven monitoring wells (GT-1 through GT-7). Additionally, under an STM, a soil vapor extraction (SVE) system with 10 extraction wells and one recovery well was installed and operated on-site between January 1994 and December 1997. The SVE system was deactivated in December 1997 due to the significant decrease in influent concentrations. The SVE system reportedly removed approximately 8,400 pounds of petroleum hydrocarbons from the subsurface.

MassDEP issued a Tier IB Permit to ExxonMobil on March 27, 1995, with an expiration date of June 5, 2000, establishing Interim Deadlines for the completion and submittal of Phase II and Phase III Reports. This permit was accepted by Mobil on June 2, 1995. On April 7, 1998, ExxonMobil was issued a Notice of Noncompliance (NON) for failure to comply with the Interim Deadlines set forth in the Tier IB Permit. Three separate extensions were requested on behalf of ExxonMobil in June 1998, August 1998, and March 1999, in order to obtain approval from the Pittsfield Conservation Commission to move forth with site work.

Pilot testing for remedial systems began in October 1998. Following the pilot testing, a total phase vacuum extraction (TPVE) system was selected as the best remedial alternative.

In a letter dated March 19, 1999, MassDEP informed ExxonMobil that the site was not in compliance and an extension would not be granted. An Administrative Consent Order (ACO) ACOP-WE-00-3016 was issued to ExxonMobil, in response to an Enforcement Conference conducted on July 26, 2000. In the ACO, a schedule was provided to ExxonMobil for the completion of Phase II, Phase III, and Phase IV activities, to return the site to regulatory compliance.

In September 2000, Groundwater Environmental Services, Inc. (GES) submitted a RAM Plan for the removal of USTs at the site. In October 2000, GES oversaw the removal of one 1,000-gallon fuel oil UST, one 1,000-gallon waste oil UST, four gasoline 10,000-gallon USTs and associated piping, three hydraulic lifts, and one oil/water separator. A RAM Plan modification was submitted on November 20, 2000, to increase the volume of soil proposed for excavation. Under the RAM, approximately 1,375 cubic yards of impacted soil from depths between eight and 20 feet below ground surface (bgs) from the eastern side of the site near the oil/water separator and the gasoline USTs were removed from the site. A RAM Completion Report was submitted to MassDEP on June 1, 2001.

In May 2001, a Phase II Comprehensive Site Assessment (CSA) Addendum and Risk Characterization were completed to determine the source, nature, and extent of petroleum-affected soil and groundwater at the site, as well as identify potential receptors. A total of six soil borings were advanced (GES-1 through GES-6). Soil at the site was determined to meet the conditions of No Significant Risk at that time. Gauging data and groundwater quality data were also collected as part of Phase II activities. Groundwater at the site did not meet the condition of

No Significant Risk at that time. Based on data gathered, the vertical extent of hydrocarbon impacts was delineated to be approximately 10 to 32 feet bgs. The horizontal extent was determined to be defined by the locations of monitoring wells ECS-7, GT 7, ECS-11, and ECS-9, located primarily on the former Mobil station property.

In June 2001, a Phase III Remedial Action Plan (RAP) was prepared for the installation of a TPVE system. After that submittal, more pilot testing was conducted in August 2001 for the installation of a vacuum enhanced groundwater extraction (VEGE) system. A VEGE system, in conjunction with the operation of an SVE system, was determined to be better than a TPVE system for remediation of the site. The VEGE system was installed between July and October 2001. The SVE system was started on December 18, 2001, and the VEGE system was started on February 5, 2003, due to delays with permitting.

MassDEP issued a Notice of Audit Findings and Notice of Noncompliance (NOAF/NON) on August 14, 2002 (NON-WE-02-3A077), which included interim deadlines. The NOAF/NON was issued to ExxonMobil primarily for failure to properly characterize the extent of LNAPL and possible polychlorinated biphenyls (PCBs) in site soil. The NOAF included a request for ExxonMobil to submit an Audit Follow-up Plan, which was submitted by GES on August 28, 2002. The Audit Follow-up Plan was approved by MassDEP in correspondence dated September 26, 2002, in which Interim Deadlines were given for the Phase II Addendum, Phase III Addendum, and Post Audit Completion Report. GES submitted the requested Post Audit Completion Report, which included the Phase II Addendum and Phase III Addendum, on April 16, 2003.

In October 2002, GES conducted an investigation to evaluate PCB impacts in shallow fill soils at the site. PCB impacts were observed above reportable concentrations, and MassDEP issued RTN 1-14744 in February 2003 for the PCB contamination. However, subsequent correspondence, as well as knowledge of PCB impacts in the surrounding area, indicated that the PCBs resulted from historical operations at a General Electric (GE) facility. In July 2004, MassDEP issued a Memorandum of Understanding that PCB impacts at the disposal site are the responsibility of GE thus an RAO was not required for RTN 1-14744.

On December 11, 2002, over 10 feet of LNAPL was detected in monitoring well GES-206. An Immediate Response Action (IRA) was verbally approved by MassDEP on December 11, 2002, and subsequently approved in writing on December 16, 2002. The IRA Plan included extraction

events by vacuum truck. A new RTN was not issued by MassDEP for this finding, and the IRA activities were performed under the main site RTN 1-0539.

In a January 28, 2003 modification to the ACO, an Interim Deadline of October 1, 2003, was given for the submittal of either a Phase V Remedy Operation Status (ROS) Report or a Class A RAO Statement. On April 28, 2003, the United States Environmental Protection Agency (EPA) issued a Notice of Federal Interest related to the presence of PCBs in soils in the City of Pittsfield. As a result of this notice from the EPA, a request for an extension was submitted to MassDEP. MassDEP responded with a second modification to the ACO, which included the following deadlines: submittal of a Supplemental Phase II Scope of Work (SOW) by December 8, 2003; submittal of a Phase II Report and Phase III Supplemental RAP and Completion Statement by April 26, 2004; submittal of a Phase IV Supplemental Final Inspection Report (FIR) and Completion Statement by July 27, 2004; submittal of a Phase V ROS Report by August 10, 2004; and submittal of a Phase V Inspection and Monitoring (IM) Report by December 27, 2004.

On November 28, 2003, MassDEP issued an IRA Designation of Interim Deadlines for RTN 1-0539, requiring the submittal of an IRA Plan Modification by December 9, 2003, for the prevention of free phase petroleum hydrocarbons from being discharged to the Housatonic River. The required IRA Plan Modification was submitted by GES on December 9, 2003; and IRA Status Reports were submitted January 2, March 1, May 3, July 1, and September 1, 2004. An IRA Completion Report was submitted by GES on November 1, 2004.

The following documents were submitted by GES in response to the deadlines set forth in the ACO and subsequent modifications: Phase II CSA, Phase II CSA Addendum, Phase III RAP and Completion Statement on April 26, 2004; Phase IV Remedy Implementation Plan (RIP) Modification on June 4, 2004; Phase IV FIR and Completion Statement on July 27, 2004; Phase V ROS Report on August 10, 2004; and Phase V IM Report (reporting period of August 7 through December 6, 2004) on December 22, 2004. The 2004 Phase II CSA and Phase II CSA Addendum were completed to more fully delineate the extent of petroleum impacts to soil and groundwater at the site in response to a MassDEP request. The 2004 Phase III RAP and Completion Statement included the results of additional pilot testing completed in order to optimize the remediation of the site. The Phase III documented the selection of upgrading the existing VEGETATION system already on-site. The Phase IV RIP and FIR and Completion Statement described the upgrades planned and carried out on the existing on-site remedial system. The Phase V ROS Report documented the

details of the remedial system startup, initial system operation data, and the initiation of ROS for the site.

The initial Phase V IM Report documented operations and maintenance (O&M) activities conducted at the site during the first reporting period. Additional Phase V IM Reports were submitted by GES on June 21 and December 19, 2005, and by CDM, in June 2006 and June 2007.

In February 2006, Blasland, Bouck & Lee, Inc. (BBL), the consultant to GE, was on-site to advance soil borings in relation to PCB contamination at the site. GES and CDM were also onsite to oversee these operations, and to use the opportunity to collect soil samples from the borings to be analyzed for the presence of volatile petroleum hydrocarbons (VPH) as part of continuing investigation activities. GES and CDM collected soil samples from fifteen soil borings at the disposal site. Each boring was advanced to a depth of 15 feet bgs. Soil samples were analyzed for VPH target compounds and ranges.

On August 24, 2007, local fire and state officials responded to a report of water bubbling out of the asphalt in the vicinity of the former Pittsfield Mobil station. The liquid was a mixture of water and LNAPL, which was apparently surfacing due to a leak or other problem associated with the SVE and/or VEGE systems. The SVE and VEGE treatment systems were shut down at this time. MassDEP was notified of the information gathered, and indicated that the event was not considered a reportable release. A RAM Plan was prepared and submitted to MassDEP by CDM on September 4, 2007, to address proposed excavation activities, waste management, and mitigation and control of potential environmental impacts. In September 2007, CDM oversaw the excavation and trenching activities to repair the VEGE system. A 12-inch long lateral crack in the groundwater recovery piping was discovered, and was repaired. Impacted soil excavated during construction activities was stockpiled and transported for off-site disposal. During construction activities, it was observed that the majority of the groundwater piping was above the frost line; therefore, freezing may have been the cause of the damage. Due to the risk of reoccurrence of compromised subsurface piping, the VEGE and SVE systems were not restarted following the repair. A RAM Completion Report, documenting the repair and waste disposal, was submitted to MassDEP in December 2007.

The SVE and VEGE treatment systems have not been turned on since they were shut down in August 2007. In May 2008, CDM terminated ROS and submitted a Tier I Permit Major Modification

to MassDEP, indicating that the systems would remain permanently shut down. The proposed monitoring plan detailed in the ROS termination included the installation of two monitoring wells at the downgradient edge of the site boundary adjacent to the river; one located at 71 Elm Street and another at 77 Elm Street. These wells were to be installed to replace wells that were destroyed during construction activities at 71 Elm Street and designed to monitor any potential long-term changes in site conditions. However, access to install the wells was denied by the owner of 71 Elm Street. Due to delays caused by access negotiations, CDM developed an alternate plan to accomplish the goals of the originally proposed replacement wells without necessitating access to the property located at 71 Elm Street. This plan included the installation of four wells on the 77 Elm Street property.

In March 2008, CDM oversaw the advancement of nine soil borings. Soil samples were collected from the borings and analyzed for VPH target compounds and ranges. The boring program was completed to characterize site soil conditions after shutdown of the remedial system.

In January and February 2010, CDM oversaw the installation of four groundwater monitoring wells and four soil borings at the disposal site. The monitoring wells are intended to monitor site conditions for any long-term changes. Soil samples were collected from the soil boring and monitoring well locations and analyzed for VPH targets and ranges, in order to further characterize current soil conditions.

In May 2010, CDM submitted a Class C-1 RAO Statement to MassDEP demonstrating that No Substantial Hazard exists at the site and that a Permanent Solution was not currently feasible. Quarterly well gauging and NAPL recovery were proposed as the Post Class C RAO Operation, Maintenance, and/or Monitoring (OM&M) Plan. Well gauging and NAPL recovery activities have been conducted at the site since May 2010 and Class C-1 Status or, more recently, Temporary Solution Status reports have been submitted to MassDEP on a semi-annual basis since November 2010.

In November 2011, Kleinfelder oversaw the installation of fifteen injection wells (IW-1 through IW-15) at the site to facilitate surfactant enhanced aquifer remediation (SEAR).

On December 29, 2011 Kleinfelder submitted a RAM Plan detailing the proposed targeted removal of residual NAPL via surfactant injections utilizing SEAR. Monthly SEAR and/or targeted vacuum

evacuation events were conducted as part of the RAM activities from March through December 2012 and from March through May 2013. A total of approximately 30,500 gallons of petroleum affected groundwater, NAPL, and emulsified NAPL were removed from selected wells. The recovered liquids were transported off-site following each event by Cyn to an appropriately licensed and permitted recycling facility. RAM Status reports detailing SEAR activities have been submitted to MassDEP on a semi-annual basis since April 2012.

In April and May 2012 Kleinfelder supervised removal of the remaining components of the former remediation system at subject property.

On June 15, 2012 Kleinfelder submitted a Utility Related Abatement Measure (URAM) Plan detailing the repair of the municipal water line servicing the subject property. The water line was damaged during previous remedial excavation activity conducted by CDM. The objective of the URAM was to excavate and manage petroleum affected soil and groundwater if encountered in the area of the water line trenching activity.

On August 22, 2012 Kleinfelder submitted a URAM Completion Report. Petroleum affected soil was not encountered during the trenching and water line repair activity. Approximately, 3.5 tons of soil that could not be re-used as fill was transported offsite by Cyn Environmental of Stoughton, MA (Cyn) to the ESMI thermal processing plant in Loudon, NH. Groundwater was not encountered during the URAM activities.

On September 11, 2015, MassDEP submitted a NON to ExxonMobil for failure to submit a Periodic Review of the Temporary Solution in accordance with 310 CMR 40.1050 by May 7, 2015.

2 RAM STATUS

A RAM Plan was submitted to the MassDEP on December 29, 2011, to facilitate the removal of residual NAPL at the site utilizing SEAR techniques. RAM Status reports detailing SEAR activities have been submitted to MassDEP on a semi-annual basis since April 2012. The status of the RAM activities conducted between April and September 2015 are summarized below.

2.1 Status of Response Operations (310 CMR 40.0445(2)(a))

SEAR and/or vacuum extraction events were not conducted during this reporting period. Kleinfelder continues to evaluate trends in NAPL thickness across the site to determine if additional SEAR and/or vacuum extraction events are warranted. A summary of the previous vacuum extraction and NAPL skimming events is provided in Table 3.

2.2 Significant New Site Information or Data (310 CMR 40.0445(2)(b))

No significant new site information or data were encountered during this reporting period.

2.3 Management of Wastes and/or Remedial Additives (310 CMR 40.0445(2)(c))

SEAR and/or vacuum extraction events were not conducted during this reporting period thus no remediation waste, remedial wastewater, or remedial additives were managed as part of the RAM. However, approximately 2.5 gallons of NAPL and water mixture were manually recovered during this monitoring period as part of the OM&M activities (Section 3.1).

2.4 LSP Opinion (310 CMR 40.0445(2)(e))

It is the opinion of the LSP-of-Record (Eric Henry, LSP No, 9814) that the RAM was conducted in conformance with the RAM Plan during this reporting period.

3 TEMPORARY SOLUTION STATUS

The objective of the Temporary Solution monitoring program is to ensure that a Temporary Solution is maintained and that site activities are conducted to ensure that site conditions remain stable and do not pose a substantial hazard to human health or the environment. The Temporary Solution OM&M program consists of periodic groundwater gauging of select site related monitoring wells and manual NAPL recovery. Since the filing of the Class C-1 RAO in May 2010, Temporary Solution Status Reports (formerly Class C-1 Post-RAO Monitoring Reports) have been submitted to MassDEP on a semi-annual basis in accordance with 310 CMR 40.0898. OM&M activities conducted between April and September 2015 are summarized below.

3.1 Description of OM&M Activities Conducted (310 CMR 40.0898(2)(a))

Kleinfelder conducted a well gauging and manual NAPL recovery event on April 2, 2015. During the field event, monitoring wells GES-3011, ECS-3, EXP-7, EXP-8, GES-206, GES-218 and GES-227 were gauged. NAPL was detected in wells ECS-3, GES-218, and GES-3011. Approximately 2.5 gallons of NAPL and water mixture were manually recovered during this event and stored on-site in a properly grounded 55-gallon steel Department of Transportation (DOT) drum equipped with overpack containment pending subsequent removal from the site via vacuum truck. Please refer to Figure 1 for monitoring well locations. Recent groundwater gauging data is provided in Table 1 and a summary of groundwater analytical data is provided in Table 2. Historical groundwater gauging data are provided in Appendix A.

3.2 Significant Modifications to the OM&M Program (310 CMR 40.0898(2)(b))

During the April 2, 2015 sampling event monitoring wells EXP-10R and EXP-13 were inaccessible due to winter weather conditions. There were no other significant modifications to the OM&M Program during this monitoring period.

3.3 Evaluation of the Remedial Action (310 CMR 40.0898(2)(c) & (d))

Well gauging data indicates that residual NAPL is stable or decreasing and that the NAPL has not migrated to potential receptors downgradient of the disposal site. No conditions or problems were encountered during this reporting period that affect the performance of the remedial action. Well

gauging and NAPL recovery events will continue on a semi-annual schedule in accordance with the OM&M plan modifications detailed in the Post RAO Status and RAM Status Report submitted to MassDEP on March 29, 2014.

4 SUBSTANTIAL HAZARD EVALUATION

An evaluation of risks to human health and to the environment under current site conditions is required to demonstrate that No Substantial Hazard exists and to meet the conditions of a Temporary Solution for Release Tracking Number (RTN) 1-0539. In accordance with 310 CMR 40.0956, human health risks from exposure to constituents of concern (COCs) under current site activities occurring between the date of notification of the petroleum release (1988) to five years beyond this SHE (2020) were qualitatively evaluated. An evaluation of hazards posed to ecological receptors was also conducted. Human receptors identified for the current period include:

- employees of commercial properties located within the site area;
- utility workers engaged in emergency repairs.

The results of environmental site assessment activities conducted between 1988 and 2015 were used to define the current distribution of residual petroleum released at former Mobil station No. 01-ECQ located at 83-89 Elm Street in Pittsfield, MA. The source of gasoline release was from gasoline USTs, piping, and dispensers which were removed in 1988. The site area affected by gasoline release RTN 1-0539 encompasses the 83-89 Elm Street subject property, currently occupied by an automobile repair facility building. The site extends to the northwest across the southern portion of the 101-103 Elm Street property (operating as a car wash facility), the northern portion of the 77 Elm Street property (currently a pediatric dental practice), and the northern portion of the 71 Elm Street commercial property (Greylock Federal Credit Union). The historical site boundary intercepts the bank of East Branch of the Housatonic River.

The qualitative evaluation of risks under current site conditions updates the SHE that supported the Class C-1 RAO Statement dated May 2010 for the subject RTN. Current distribution of petroleum NAPL extends from the former service station source area to the northwest and onto the 77 Elm Street property.

4.1 Groundwater Conditions

SEAR was conducted on the areas affected by NAPL between March and October 2012. Vacuum extraction alone was conducted at NAPL-affected wells on multiple dates through May 2013. Monitoring well gauging data over the post remedial period (November 2013 through April 2015)

are presented in Table 1. Groundwater samples collected on November 22, 2013 to assess the effectiveness of SEAR and groundwater extraction treatments are presented in Table 2.

NAPL was observed at 14 monitoring well locations over the last five year period, and at five monitoring wells over the last two year period. The wells in which NAPL has intermittently appeared from 2010 to 2015 are indicated on Figure 1. Since November 2013, two wells in the former gasoline UST and dispenser areas (GES-301I, ECS-3) and three near the western boundary of the 77 Elm Street property (GES-206, GES-218, and GES-227) contained NAPL greater than one-half inch (0.04 feet) during at least one of the five recent monitoring events. The NAPL-affected wells were screened across the water table, which ranged from elevations of 13.9 to 25.5 feet bgs over the recent period.

Post-remedial groundwater samples collected in November 2013 from site monitoring wells were laboratory analyzed for gasoline VPH constituents. The results are compared with Method 1 risk characterization standards in Table 2. Dissolved VPH was detected at the highest concentrations in the former UST and dispenser areas (wells GES-208 and ECS-9) and north of the subject property automobile repair building (well GT-3). Total xylenes exceeded the applicable MCP Method 1 Risk Characterization GW-3 standard in these wells, which were screened across the water table from 10 to 25 feet bgs. The GW-3 standards were derived from water quality standards to be protective of aquatic organism health in surface waters toward which groundwater flows. The downgradient extent of dissolved is delineated by wells MW-404, ECS-15, and GES-232, which are located between well GT-3 and the East Branch of the Housatonic River. Dissolved VPH is vertically defined by wells GES-302I and GES-302D, which are screened from 31 to 36 feet and 55 to 65 feet, respectively. It should be noted that, although GES-232 reportedly contained 0.03 feet of NAPL in October 2012, VPH analytes were not detected in the groundwater sample collected on November 2013. Current conditions in groundwater monitoring wells located between the area affected by NAPL and the river indicate no that dissolved phase COCs are not entering the river.

The site is not located within a potential or current drinking water protection zone. Thus, groundwater is not categorized as subject to GW-1 standards. Site conditions pose no hazard to groundwater resources that may supply drinking water.

The depth to groundwater in site area monitoring wells proximal to currently occupied buildings is less than 15 feet bgs within 30 feet of the car wash building and the dentist office building. GW-2 standards protective of volatile constituent vapor intrusion into indoor air were not exceeded in monitoring wells GES-203, ECS-14, or GT-1 located adjacent to the car wash building or dentist office buildings. Off property monitoring wells affected by NAPL are not located within 30 feet of buildings. The average depth to water is greater than 15 feet bgs in monitoring wells on the subject property that contained NAPL and/or elevated dissolved VPH concentrations thus petroleum constituents are not likely to migrate into the vapor phase and affect indoor air of the current automotive repair building.

Despite the persistence of NAPL in two areas of the site (on and off the subject property), given the gauged NAPL depth of at least 16 feet in affected monitoring wells, there is no potential for human receptors to directly contact NAPL.

4.2 Soil Conditions

The site was characterized historically by soil boring sample headspace photoionization detector field screening of total organic vapors and by laboratory analyses. Petroleum, metals, and chlorinated compounds were analyzed in excavation limit soil samples following the removal of gasoline, fuel oil and waste oil USTs, hydraulic lifts, the oil/water separator, and surrounding soil, in 2000. Data indicate that only gasoline was released relative to the former service station operations with residual concentrations of constituents affecting depths of 12 to 18 feet bgs. PCBs detected in surface soil affect the local region and are attributed to operations at a General Electric facility, which is subject to US EPA site environmental assessment and response actions.

The most recent subsurface investigation was conducted between 2008 and 2010. The analytical data from this investigation defines soil conditions following operation of soil vapor extraction and vacuum-enhanced groundwater extraction systems (1994-1997 and 2001-2007). The former UST and dispenser source area was characterized by soil borings B-2 through B-10 in 2008 and soil borings B2-A through B-10A in 2010. The north and western site soil extent on the 77 Elm Street property was investigated by soil borings MW-401 through MW-404 in 2010. Refer to the Site Plan (Figure 1) for soil sample locations. Soil analytical data are provided in Appendix B.

The source area in the vicinity of former gasoline USTs and dispensers contained VPH concentrations that exceed applicable Method 1 risk characterization soil S-1 and S-3 soil standards by ten-fold as follows:

- B-2 contained 1,470 mg/kg C₅-C₈ aliphatics from 14 to 16 feet bgs;
- B-5 contained 11,400 mg/kg C₅-C₈ aliphatics from 22 to 24 feet bgs.

Although potentially-accessible subsurface soil on the subject property is affected by adsorbed gasoline VPH constituents, this area will remain covered by pavement and will not be redeveloped during the next five year period.

Soil on the abutting 77 Elm Street property contains low or non-detectable VPH at potentially accessible depths (i.e., from surface to 15 feet bgs) and concentrations below applicable S-3 soil standards at depths greater than 15 feet bgs. Since soil affected by adsorbed phase VPH and NAPL is below accessible depths, no potentially complete exposure pathway exists on the disposal site.

4.3 Ecological Risk Assessment

As specified in 310 CMR 40.0956(2), the focus of an Ecological Substantial Hazard Evaluation shall be on any environmental resource areas, such as wetlands, aquatic and terrestrial habitats, and fisheries that exist at a site. No protected open spaces, designated rare habitats, or areas of critical environmental concern are reported within 500 feet of the site boundary. The top of the bank of the Housatonic River is located more than 200 feet north of the former source areas on the subject property. The majority of the site area is covered by pavement with areas of landscaping and gravel covering soil on the northern portion of the 77 Elm Street property. Given depth of affected soil and groundwater in the site area subsurface, and since no ground-intrusive activities are planned for the current period, no complete exposure pathway to residual gasoline exists for terrestrial and avian receptors.

Several monitoring wells located between areas historically affected by NAPL on the northwest site extent bordering the river contained low concentrations of dissolved VPH or were below the laboratory reporting limit. These wells include GES-210, GES-212, GES-221, GES-214, GES-322S/D, and GES-303. The monitoring wells located north and northwest of currently NAPL-

affected wells on the 77 Elm Street property (GES-219, MW-404 and GES-232) contained no detected VPH when last sampled in November 2013.

Over the last five years of groundwater remediation and assessment NAPL has decreased in areal extent, apparent thickness, and frequency of observation. Spatial and temporal trends in NAPL occurrence and dissolved phase VPH concentrations indicate that conditions on the 77 Elm Street property are stable and decreasing in extent. No complete aquatic receptor exposure pathway to migrating site groundwater exists under current conditions. Thus no substantial hazard to the environmental resource area receptors is supported.

4.4 Substantial Hazard Evaluation Summary

The qualitative evaluation of current conditions supports a finding that no complete exposure pathways exist at the site of gasoline release RTN 1-0539. Thus no significant level of risk or hazard is associated with anticipated uses of affected properties over the current period. Based on this evaluation of potential receptors and the distribution and concentration of residual petroleum constituents at the site, no substantial hazard exists at the subject site, within the definition outlined in 310 CMR 40.0006.

5 PERIODIC REVIEW OPINION OF THE TEMPORARY SOLUTION

5.1 Feasibility of Implementing One or More Permanent Solutions (310 CMR 40.1050(4)(b)(1))

Pursuant to 310 CMR 40.0860, the feasibility of achieving a Permanent Solution was evaluated for the site. According to the MCP, a remedial action alternative that would achieve a Permanent Solution shall be considered feasible unless:

- 1.) The alternative is not technically feasible, as specified in 310 CMR 40.0860(6);
- 2.) The costs of conducting, or the risks resulting from the alternative, would not be justified by the benefits, considering such factors as potential damage to human health or the environment, cost of environmental restoration, long term operation and maintenance costs, and non-pecuniary values as determined by the benefit-cost analysis in 310 CMR 40.0860(7);
- 3.) Individuals with the expertise needed to effectively implement the alternative would not be available, regardless of arrangements for securing their services;
- 4.) The alternative would necessitate land disposal other than at the site and no off-site facility is available in the Commonwealth or in other states that is in full compliance with all applicable federal and state regulatory requirements; or
- 5.) An alternative is selected for a portion of a disposal site for which the source of the OHM is not located thereon and the elimination or control of such source cannot currently be achieved by the party conducting the response actions at that portion of the disposal site.

Multiple response actions including source area soil excavation, operation and maintenance of SVE and VEGE treatment systems, SEAR, and vacuum and manual extraction of NAPL have been completed at the site. While these actions have resulted in the reduction of levels of OHM at the site, a Permanent Solution cannot be attained for this site at this time. Further excavation activities are not feasible because petroleum affected soils are likely to exist under the automotive repair building at the subject property. Excavation under or near this existing structure would pose a cost greater than the environmental benefit obtained by conducting excavation actions. Costs would include the disruption to the business conducted by the repair facility located at the subject site, businesses in the site vicinity, and hazards poised to the structural integrity of site building. SEAR and vacuum extraction conducted at the site as a part of ongoing RAM operations and manual NAPL recovery appears to have been effective in reducing NAPL extent, thickness and macro-scale mobility. Based on the results of previous response actions and current site conditions, a

practical remedial approach has yet to be identified that could effectively lead to a Permanent Solution for RTN 1-0539.

5.2 Effectiveness of the Temporary Solution (310 CMR 40.1050(4)(b)(2))

As shown in Table 1, concentrations of VPH and target analytes appear to be stable and decreasing when compared to available historical data. The reduction in areal extent, apparent thickness, and frequency of observation of NAPL over the last five years and absence of macro-scale NAPL mobility indicates that periodic monitoring and NAPL extraction is an effective approach to maintain a Temporary Solution for RTN 1-0539.

5.3 Definitive and/or Enterprising Steps Taken to Identify, Develop, and Implement a Feasible Permanent Solution (310 CMR 40.1050(4)(b)(3))

Since the implementation of the Temporary Solution at this site, Kleinfelder, on behalf of ExxonMobil, has continued to collect monitoring data to evaluate site conditions and determine the potential for achieving a Permanent Solution via MNA or other remedial approaches. Kleinfelder and ExxonMobil have evaluated various remedial options. To date, based on the results of previous response actions and current site conditions, there is still no practical remedial approach or technology that is likely to achieve a Permanent Solution at this site in the reasonably foreseeable future. However, Kleinfelder and ExxonMobil will continue to evaluate various remedial options and should such an option become feasible, the appropriate steps will be undertaken to implement this approach or technology.

5.4 Changes in Activities, Uses, and/or Exposures (310 CMR 40.1050(4)(b)(4))

There have been no significant changes at the site that would have resulted in an increase in exposure potential to human or environmental receptors. The reduction in areal extent, apparent thickness, and frequency of observation of NAPL over the last five years has further mitigated any potential exposures.

5.5 Necessary and Required Response Actions to Maintain the Temporary Solution (310 CMR 40.1050(4)(b)(6))

The activities necessary to maintain the Temporary Solution for this site include on-going semi-annual groundwater monitoring and inspections. Monitoring events will include the gauging and

manual recovery of residual NAPL from affect monitoring wells, as applicable. Data from these monitoring events will be documented and provided to MassDEP in semi-annual Temporary Solution Status Reports in accordance with the provisions of 310 CMR 40.0898.

5.6 Certification (310 CMR 40.1050(4)(b)(7))

Certification is provided on BWSC Form 104.

6 CONCLUSIONS

The following conclusions can be made regarding the Temporary Solution at this site.

- (a) Each source of OHM associated with RTN 1-0539 has been eliminated and/or controlled by the site-specific remedial actions taken. There are no know uncontrolled sources at the site.
- (b) A Substantial Hazard Evaluation has been performed. No Substantial Hazards currently exist at the site;
- (c) Concentrations of COCs and monitoring activity will continue to be evaluated to ensure that the Temporary Solution is maintained;
- (d) Activities to maintain a Temporary Solution consist of approximate semi-annual groundwater gauging, monitoring for COCs when conditions warrant, and periodic manual extraction of NAPL.
- (e) Temporary Solution groundwater monitoring reports will continue to be submitted to the MassDEP every six months pursuant to 310 CMR 40.0898.

Kleinfelder and ExxonMobil will continue to evaluate various remedial options to ultimately achieve a Permanent Solution for this site. Should such an option become feasible, the appropriate steps will be undertaken to implement this approach or technology.

7 COMPLIANCE WITH 310 CMR 40.0445, 40.0898, 40.0956 AND 40.1050

It is the opinion of Kleinfelder that this RAM Status, Temporary Solution Status, SHE, and Periodic Review of the Temporary Solution complies with the requirements of the MCP, as it includes:

- a description of the type and frequency of inspection and/or monitoring activities conducted;
- a description of any significant modifications of inspection and/or monitoring program made since the submission of the preceding Inspection and/or Monitoring Report;
- a description of any conditions or problems noted during the inspection and/or monitoring period which are or may be affecting the performance of the remedial action;
- a description of any measures taken to correct conditions which are affecting the performance of the remedial action;
- the results of sampling analyses and screening conducted as part of the monitoring; and/or inspection program;
- the feasibility of implementing one or more Permanent Solutions for the disposal site pursuant to 310 CMR 40.0861(2)(h) at the time of the Periodic Review;
- the effectiveness of the Temporary Solution(s);
- the definitive and/or enterprising steps taken to identify, develop and implement a feasible permanent solution at the site;
- any necessary and required response actions to maintain the Temporary Solution, including a description of the type and frequency of monitoring to be conducting during the period prior to the next Periodic Review;
- the name, license number, signature and seal of the Licensed Site Professional (LSP) (via attached MassDEP transmittal form);
- a status of response operations;
- any significant new site information or data;
- a description of the details of and/or plans for the management of remediation waste;
- a description of any other information that MassDEP determines to be necessary to complete said Status Report;
- an LSP opinion as to whether the RAM is being conducted in conformance with the RAM Plan and any conditions of approval established by the Department (via attached MassDEP transmittal form); and
- the certifications required in 310 CMR 40.0009.

8 PUBLIC INVOLVMENT PURSUANT TO 310 CMR 40.1403(10)(C)

No public involvement activities were conducted during this monitoring period.

9 FUTURE COURSE OF ACTION

The following is a tentative timeline for upcoming response actions:

- Semi-annual groundwater gauging event in October 2015
- SEAR and/or vacuum extraction events, if warranted
- RAM Status or Completion Report on or before March 29, 2016
- Temporary Solution Status Report on or before May 7, 2016

10 LIMITATIONS

Kleinfelder performed the services for this project under the Standard Procurement Agreement with Procurement, a division of ExxonMobil Global Services Company (effective October 1, 2011). Kleinfelder states that the services performed are consistent with professional standard of care defined as that level of services provided by similar professionals under like circumstances. This report is based on the regulatory standards in effect on the date of the report. It has been produced for the primary benefit of Exxon Mobil Global Services Company and its affiliates.

11 REFERENCES

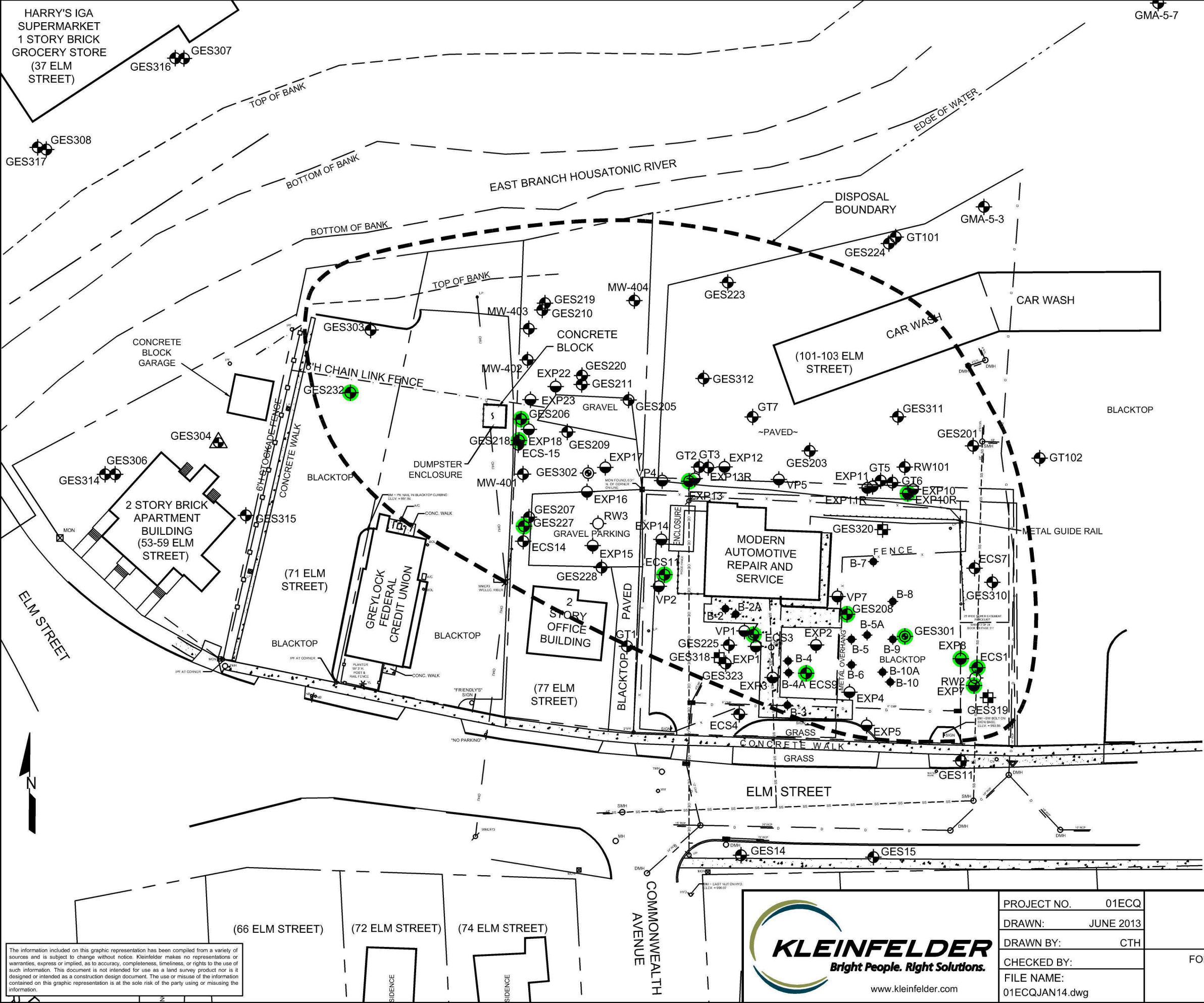
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MADEP, 310 CMR 40.0000, Massachusetts Contingency Plan, Commonwealth of Massachusetts Department of Environmental Protection.

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CDM, 2010, Class C-1 RAO Statement

FIGURES

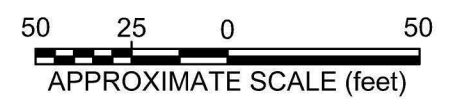


LEGEND

- PROPERTY BOUNDARY
- ⊕ MONITORING WELL
- RECOVERY WELL
- ⊖ VAPOR EXTRACTION WELL
- ⊙ NESTED WELLS (S, I, D)
- ⊕ BEDROCK WELL
- ◆ SOIL BORING
- DMH ○ DRAINAGE MANHOLE
- SMH ○ SANITARY MANHOLE
- CB ■ CATCH BASIN
- TMH ○ TELEPHONE MANHOLE
- WV ○ WATER VALVE
- GV ○ GAS VALVE
- MON ■ CONCRETE MONUMENT
- IPF ○ IRON PIPE FOUND
- UP ○ UTILITY POLE WITH LIGHT
- LP ○ LIGHT POLE
- SS- UNDERGROUND SANITARY SEWER
- OE- OVERHEAD ELECTRIC
- OU- OVERHEAD UTILITY
- DL- DRAINAGE LINES
- NAPL DETECTED DURING PAST FIVE YEARS

NAPL WELL LIST

- GES218
- GES227
- ECS11
- ECS3
- GES208
- GES3011
- ECS1
- GES206
- ECS-9
- EXP-7
- EXP-8
- EXP-10R
- EXP-13
- GES232



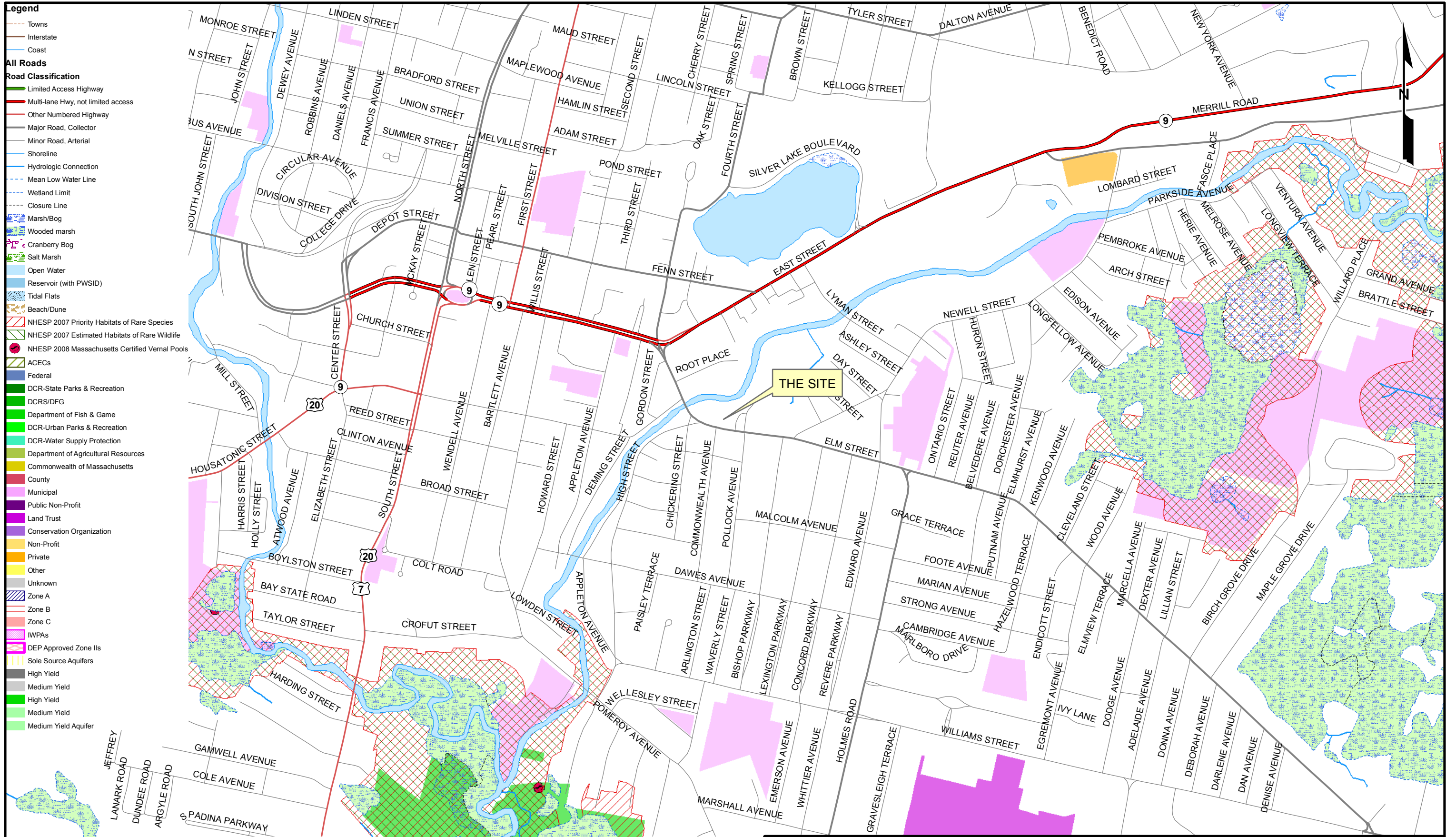
ATTACHED XREFS: LITTLETON, MA

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PROJECT NO.	01ECQ
DRAWN:	JUNE 2013
DRAWN BY:	CTH
CHECKED BY:	
FILE NAME:	01ECQJAN14.dwg

NAPL DISTRIBUTION PLAN
FORMER MOBIL SERVICE STATION No. 01-ECQ 83-89 ELM STREET PITTSFIELD, MASSACHUSETTS

FIGURE
1



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 Bright People. Right Solutions. www.kleinfelder.com	PROJECT NO. 01ECQ	MassGIS PRIORITY RESOURCE MAP	FIGURE 2
	DRAWN: SEP 2015		
	DRAWN BY: ANG	FORMER MOBILE SERVICE STATION No. 01-ECQ 83-89 ELM STREET PITTSFIELD, MASSACHUSETTS	
	CHECKED BY: ----		
	FILE NAME: 01ECQ_PITT_GIS		

TABLES

Table 1**Monitoring Well Gauging Data Summary**

Former Mobil Service Station No. 01-ECQ
83-89 Elm Street
Pittsfield, Massachusetts
November 22, 2013 through April 2, 2015

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
ECS-1	11/22/2013	NSVD	DRY	DRY	DRY	N/A	NSVD	Well Dry
	12/26/2013	NSVD	18.76	ND	ND	N/A	NSVD	
	3/14/2014	NSVD	19.90	ND	ND	N/A	NSVD	
ECS-3	11/22/2013	NSVD	18.96	ND	ND	N/A	NSVD	
	12/26/2013	NSVD	18.36	ND	ND	N/A	NSVD	
	3/14/2014	NSVD	13.87	ND	ND	N/A	NSVD	Well Inaccessible
	9/29/2014	NSVD	18.98	18.90	0.08	0.06	NSVD	NAPL
	4/2/2015	NSVD	18.85	18.83	0.02	0.02	NSVD	NAPL
ECS-9	11/22/2013	991.43	19.45	ND	ND	N/A	971.98	
	12/26/2013	991.43	13.16	ND	ND	N/A	978.27	
	3/14/2014	991.43	19.01	ND	ND	N/A	972.42	
ECS-11	11/22/2013	993.01	DRY	DRY	DRY	N/A	DRY	Well Dry
	12/26/2013	993.01	14.53	ND	ND	N/A	978.48	
	3/14/2014	993.01	DRY	DRY	DRY	N/A	DRY	Well Dry
ECS-15	11/22/2013	989.86	15.78	ND	ND	N/A	974.08	
EXP-3	12/26/2013	992.75	12.32	ND	ND	N/A	980.43	
EXP-7	12/26/2013	992.30	18.67	ND	ND	N/A	973.63	
	3/14/2014	992.30	19.41	ND	ND	N/A	972.89	
	9/29/2014	992.30	19.33	ND	ND	N/A	972.97	
	4/2/2015	992.30	8.68	ND	ND	N/A	983.62	
EXP-8	12/26/2013	992.39	18.73	ND	ND	N/A	973.66	
	3/14/2014	992.39	19.50	ND	ND	N/A	972.89	
	9/29/2014	992.39	19.52	ND	ND	N/A	972.87	
	4/2/2015	992.39	18.62	ND	ND	N/A	973.77	
EXP-10R	12/26/2013	990.11	16.92	ND	ND	N/A	973.19	
	3/14/2014	990.11	NM	NM	NM	N/A	NM	Well Inaccessible
	9/29/2014	990.11	17.76	ND	ND	N/A	972.35	
	4/2/2015	990.11	NM	NM	NM	N/A	NM	Inaccessible due to snow
EXP-13	3/14/2014	990.37	NM	NM	NM	N/A	NM	Well Inaccessible
	9/29/2014	990.37	18.61	ND	ND	N/A	971.76	
	4/2/2015	990.37	NM	NM	NM	N/A	NM	Inaccessible due to snow
EXP-13R	3/14/2014	990.42	NM	NM	NM	N/A	NM	Well Inaccessible
EXP-15	12/26/2013	991.37	16.61	ND	ND	N/A	974.76	
	3/14/2014	991.37	18.56	ND	ND	N/A	972.81	
EXP-22	12/26/2013	988.23	16.05	ND	ND	N/A	972.18	
	3/14/2014	988.23	13.10	ND	ND	N/A	975.13	
GES-206	11/22/2013	989.06	18.61	18.31	0.30	0.23	970.68	NAPL
	12/26/2013	989.06	17.57	17.55	0.02	0.02	971.51	
	3/14/2014	989.06	18.00	17.95	0.05	0.04	971.10	
	9/29/2014	989.06	18.69	ND	ND	N/A	970.37	
	4/2/2015	989.06	16.50	ND	ND	N/A	972.56	

Table 1 (Continued)**Monitoring Well Gauging Data Summary**

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street
 Pittsfield, Massachusetts
 November 22, 2013 through April 2, 2015

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
GES-208	11/22/2013	993.47	19.72	ND	ND	N/A	973.75	
	12/26/2013	993.47	18.53	ND	ND	N/A	974.94	
	3/14/2014	993.47	19.57	ND	ND	N/A	973.90	
GES-218	11/22/2013	989.74	19.55	19.45	0.10	0.08	970.27	NAPL
	12/26/2013	989.74	18.20	ND	ND	N/A	971.54	
	3/14/2014	989.74	18.81	ND	ND	N/A	970.93	
	9/29/2014	989.74	19.42	19.25	0.17	0.13	970.45	NAPL
	4/2/2015	989.74	18.64	18.54	0.10	0.08	971.18	NAPL
GES-219	11/22/2013	981.58	16.60	ND	ND	N/A	964.98	
GES-227	11/22/2013	990.42	19.61	19.58	0.03	0.02	970.83	NAPL
	12/26/2013	990.42	18.30	18.23	0.07	0.05	972.17	
	3/14/2014	990.42	18.80	ND	ND	N/A	971.62	
	9/29/2014	990.42	19.14	ND	ND	N/A	971.28	
	4/2/2015	990.42	18.15	ND	ND	N/A	972.27	
GES-228	11/22/2013	991.40	19.75	ND	ND	N/A	971.65	
GES-232	11/22/2013	988.21	13.46	ND	ND	N/A	974.75	
	3/14/2014	988.21	NM	NM	NM	N/A	NM	Well Inaccessible
GES-301S	11/22/2013	992.41	16.84	ND	ND	N/A	975.57	
	12/26/2013	992.41	16.37	ND	ND	N/A	976.04	
	3/14/2014	992.41	16.80	ND	ND	N/A	975.61	
GES-301D	11/22/2013	992.40	16.73	ND	ND	N/A	975.67	
	12/26/2013	992.40	16.34	ND	ND	N/A	976.06	
	3/14/2014	992.40	16.68	ND	ND	N/A	975.72	
GES-301I	11/22/2013	NSVD	20.30	ND	ND	N/A	NSVD	
	12/26/2013	NSVD	19.12	ND	ND	N/A	NSVD	
	3/14/2014	NSVD	22.10	18.99	3.11	2.36	NSVD	
	9/29/2014	NSVD	25.46	18.15	7.31	5.56	NSVD	NAPL
	4/2/2015	NSVD	22.23	18.50	3.73	2.83	NSVD	NAPL
GES-302S	11/22/2013	990.40	14.99	ND	ND	N/A	975.41	
GES-302D	11/22/2013	990.38	15.69	ND	ND	N/A	974.69	
GES-302I	11/22/2013	990.39	19.11	ND	ND	N/A	971.28	
	3/14/2014	990.39	18.55	ND	ND	N/A	971.84	
GES-303	11/22/2013	987.16	NM	NM	NM	N/A	NM	Unable to Locate
GES-319S	11/22/2013	992.32	16.31	ND	ND	N/A	976.01	
	3/14/2014	992.32	15.92	ND	ND	N/A	976.40	
GT-2	11/22/2013	990.29	18.98	ND	ND	N/A	971.31	
GT-3	11/22/2013	990.53	17.60	ND	ND	N/A	972.93	
	3/14/2014	990.53	NM	NM	NM	N/A	NM	Well Inaccessible
GT-5	11/22/2013	990.15	18.00	ND	ND	N/A	972.15	
	3/14/2014	990.15	NM	NM	NM	N/A	NM	Well Inaccessible
GT-6	11/22/2013	990.27	18.00	ND	ND	N/A	972.27	
MW-401	11/22/2013	NSVD	NM	NM	NM	N/A	NSVD	Unable to Locate

Table 1 (Continued)**Monitoring Well Gauging Data Summary**

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street
 Pittsfield, Massachusetts
 November 22, 2013 through April 2, 2015

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
MW-404	11/22/2013	NSVD	17.40	ND	ND	N/A	NSVD	
RW-2	12/26/2013	NSVD	17.84	ND	ND	N/A	NSVD	
	3/14/2014	NSVD	NM	NM	NM	N/A	NSVD	Well Inaccessible
RW-3	12/26/2013	NSVD	17.61	ND	ND	N/A	NSVD	
	3/14/2014	NSVD	18.02	ND	ND	N/A	NSVD	

Notes:

GW - Groundwater

Mann-Kendall Statistic - Wiedemeier et al, "Designing Monitoring Programs to Effectively Evaluate the Performance of Natural Attenuation" for Air Force Center for Environmental Excellence, January 2000; All non-detect values are reported as 0 for the purpose of this calculation.

N/A - Not applicable

ND - Not detected

NM - Not monitored

NSVD - Not surveyed to vertical datum

Table 2**Groundwater Sample Analytical Results - Volatile Petroleum Hydrocarbons**

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street
 Pittsfield, Massachusetts
 November 22, 2013

Well ID (Groundwater Category)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	C5 - C8 Aliphatics (µg/L)	C9 - C12 Aliphatics (µg/L)	C9 - C10 Aromatics (µg/L)	Comments
MCP GW Standard GW-2		2000	50000	20000	9000	50000	1000	3000	5000	7000	
MCP GW Standard GW-3		10000	40000	5000	5000	50000	20000	50000	50000	50000	
ECS-9 (GW-3)	11/22/2013	11.1	753	287	5410	<10	747	15400	16000	27100	
ECS-15 (GW-3)	11/22/2013	<1.0	<2.0	<2.0	<4.0	<1.0	<3.0	<50	<50	<50	
GES-208 (GW-3)	11/22/2013	62.8	239	1940	5410	<2.0	1190	8740	7010	15600	
GES-219 (GW-3)	11/22/2013	<1.0	<2.0	<2.0	<4.0	<1.0	<3.0	<50	<50	<50	
GES-228 (GW-3)	11/22/2013	9.8	79.3	359	1400	<1.0	206	8320	1320	3400	
GES-232 (GW-3)	11/22/2013	<1.0	<2.0	<2.0	<4.0	<1.0	<3.0	<50	<50	<50	
GES-302D (GW-3)	11/22/2013	<1.0	<2.0	<2.0	<4.0	<1.0	<3.0	<50	<50	<50	
GES-302I (GW-3)	11/22/2013	1.4	2.5	11.4	20.2	<1.0	5.0	126	<50	<50	
GT-2 (GW-3)	11/22/2013	109	325	633	1918	<5.0	276	5510	1140	3820	
GT-3 (GW-3)	11/22/2013	<5.0	251	1490	12730	<5.0	1750	123000	52300	80200	
GT-5 (GW-3)	11/22/2013	1.3	3.8	3.6	17.0	<1.0	7.6	811	486	1190	
MW-404 (GW-3)	11/22/2013	<1.0	<2.0	<2.0	<4.0	<1.0	<3.0	<50	<50	<50	

Table 2 (Continued)

Groundwater Sample Analytical Results - Volatile Petroleum Hydrocarbons

Former Mobil Service Station No. 01-ECQ
83-89 Elm Street
Pittsfield, Massachusetts
November 22, 2013

Notes:

(GW-3) - well-specific groundwater category

<1.0 - Not detected at or above the laboratory reporting limit shown

µg/L - micrograms per liter

MTBE - methyl tertiary butyl ether

NA - Not analyzed

NS - Not sampled

Shading - Reported concentration detected above the applicable standard(s) or guidance value(s)

Table 3
Summary of SEAR Events
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street
Pittsfield, Massachusetts

Date(s)	Injection Well(s)	Total Volume Injected (gallons)	Volume Water Injected (gallons)	Volume Surfactant Injected (gallons)	Extraction Well(s)	Volume Extracted (gallons)	Extraction Flow Rate (gpm)
3/26/2012	IW-7, IW-8, IW-9	240	228	12	-	-	-
3/27/2012	IW-4, IW-5, IW-6	240	228	12	ECS-9, IW-7, IW-8, IW-9	90	0.40
3/28/2012	IW-1, IW-2, IW-3	240	228	12	GES-301I	1570	3.5
3/29/2012	IW-10, IW-11, IW-12	240	228	12	EXP-7, IW-1, IW-2, IW-3	310	0.8
3/30/2012	IW-13, IW-14, IW-15	240	228	12	EXP-10R, IW-10, IW-11, IW-12	750	1.6
3/31/2012	-	-	-	-	EXP-13, IW-13, IW-14, IW-15	2165	6.6
4/23/2012	IW-4, IW-5, IW-6	240	228	12	-	-	-
4/24/2012	IW-7, IW-8, IW-9	240	228	12	GES-301I	1380	3.2
4/25/2012	IW-1, IW-2, IW-3	240	228	12	ECS-9	65	0.15
4/26/2012	IW-10, IW-11, IW-12	240	228	12	EXP-7	245	0.58
4/27/2012	IW-13, IW-14, IW-15	240	228	12	EXP-10R, IW-11	1040	2.5
4/28/2012	-	-	-	-	EXP-13, IW-15	2120	7.0
5/15/2012	IW-4, IW-5, IW-6	240	228	12	-	-	-
5/16/2012	IW-7, IW-8, IW-9	240	228	12	GES-301I	2060	4.2
5/17/2012	IW-1, IW-2, IW-3	240	228	12	ECS-9, ECS-11	50	0.11
5/18/2012	-	-	-	-	ECS-1, EXP-8	675	1.4
5/21/2012	IW-10, IW-11, IW-12, EXP-10R	240	228	12	-	-	-
5/22/2012	IW-13, IW-14, IW-15	240	228	12	EXP-10R, IW-11	735	2.1
5/23/2012	-	-	-	-	EXP-13	2165	7.6
6/11/2012	IW-7, IW-8, IW-9	240	228	12	ECS-9	15	0.04
6/12/2012	IW-4, IW-5, IW-6	360	342	18	GES-301I	775	2.0
6/13/2012	IW-1, IW-2, IW-3	360	342	18	EXP-8	230	0.59
6/14/2012	IW-10, IW-11, IW-12	360	342	18	EXP-10R, IW-11	580	1.4
6/15/2012	IW-13, IW-14, IW-15	360	342	18	EXP-13, IW-15	1860	4.8
7/16/2012	IW-7, IW-8, IW-9	240	228	12	ECS-9	40	0.12
7/17/2012	IW-4, IW-5, IW-6	360	342	18	GES-301I	1590	3.7
7/18/2012	IW-1, IW-2, IW-3	360	342	18	EXP-8	30	0.11
7/19/2012	IW-10, IW-11, IW-12	360	342	18	IW-11, EXP-8	2305	5.7
8/13/2012	IW-7, IW-8, IW-9	120	114	6	ECS-9	5	0.01
8/14/2012	IW-4, IW-5, IW-6	360	342	18	GES-301I	1380	4.6
8/15/2012	IW-1, IW-2, IW-3	360	342	18	EXP-7, EXP-8	200	0.63
8/16/2012	IW-10, IW-11, IW-12	360	342	18	EXP-10R	160	0.59
8/17/2012	No injection completed; vacuum extraction only				GES-218, GES-228	520	1.3
9/12/2012	IW-7, IW-8, IW-9	360	342	18	ECS-9	35	0.09
9/13/2012	IW-4, IW-5, IW-6	360	342	18	GES-301I	1239	4.1
9/14/2012	IW-1, IW-2, IW-3	360	342	18	EXP-8	15	0.05
9/15/2012	IW-10, IW-11, IW-12	360	342	18	EXP-10R	251	0.72
9/21/2012	No injection completed; vacuum extraction only				GES-218, GES-228	290	0.7
10/22/2012	IW-7, IW-8, IW-9	360	342	18	ECS-3, ECS-9	85	0.2
10/23/2012	IW-4, IW-5, IW-6	360	342	18	GES-208, GES-301I	540	1.1
10/24/2012	IW-1, IW-2, IW-3	360	342	18	EXP-7, EXP-8	325	1.1
10/25/2012	IW-10, IW-11, IW-12	360	342	18	EXP-10R	205	0.6
10/26/2012	No injection completed; vacuum extraction only				GES-218, GES-227	170	0.41
11/15/2012	No injection completed; vacuum extraction only				ECS-3, EXP-8, EXP-13, IW-12	185	0.6
11/16/2012	No injection completed; vacuum extraction only				GES-218, GES-227	120	0.27
12/13/2012	No injection completed; vacuum extraction only				ECS-3, EXP-13	30	0.27
12/14/2012	No injection completed; vacuum extraction only				GES-227, IW-12	430	1.0
3/15/2013	No injection completed; vacuum extraction only				GES-218, GES-227, GES-301I, ECS-11	310	0.8
4/26/2013	No injection completed; vacuum extraction only				GES-218, GES-227, GES-301I, ECS-11	786	2.7
5/17/2013	No injection completed; vacuum extraction only				GES-218, GES-227, GES-301I, ECS-11	724	2.3

Notes:

gpm = gallons per minute

APPENDIX A
Historical Groundwater Gauging Data

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

ECS-1

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
11/24/99	ND	DRY	0.00
01/28/00	ND	DRY	0.00
02/10/00	ND	DRY	0.00
04/21/00	15.10	16.73	1.63
10/26/13	ND	16.78	0.00
08/23/00	15.35	15.50	0.15
12/29/00	16.25	16.50	0.25
07/11/01	16.10	16.95	0.85
10/12/01	ND	DRY	0.00
08/20/02	ND	DRY	0.00
05/29/03	ND	DRY	0.00
12/02/03	ND	DRY	0.00
08/30/04	ND	DRY	0.00
10/05/04	ND	DRY	0.00
02/21/05	ND	DRY	0.00
04/11/05	ND	14.14	0.00
04/15/05	ND	17.62	0.00
08/09/05	ND	DRY	0.00
09/26/05	ND	DRY	0.00
09/30/05	ND	DRY	0.00
04/26/06	16.96	17.07	0.11
05/10/06	17.62	17.74	0.12
06/26/06	16.71	16.82	0.11
07/24/06	17.63	17.80	0.17
08/23/06	17.94	17.98	0.04
09/21/06	18.26	18.32	0.06
11/16/06	16.56	16.60	0.04
12/19/06	NM	NM	NM
05/17/13	NM	NM	NM
01/09/07	18.11	18.13	0.02
04/27/07	15.52	15.54	0.02
01/08/00	16.45	16.46	0.01
06/26/07	17.84	17.89	0.05
07/20/07	17.96	18.00	0.04
08/07/07	18.22	18.27	0.05
09/09/07	18.69	18.74	0.05
11/12/07	18.13	18.21	0.08
03/27/08	15.40	15.44	0.04
04/28/08	15.93	15.95	0.02
05/08/08	16.06	16.09	0.03
06/17/08	16.39	16.40	0.01
07/25/08	ND	16.05	0.00
08/22/08	17.34	17.35	0.01
09/24/08	ND	17.63	0.00
03/22/11	16.46	18.03	1.57
07/28/11	17.96	18.02	0.06
11/17/11	16.80	18.66	1.86

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

ECS-1

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
02/07/12	17.41	19.51	2.10
05/14/12	18.10	18.11	0.01
05/17/12	17.68	18.05	0.37
06/13/12	ND	DRY	0.00
07/10/12	ND	DRY	0.00
07/18/12	ND	DRY	0.00
08/15/12	ND	DRY	0.00
08/24/12	ND	18.95	0.00
09/14/12	ND	DRY	0.00
10/24/12	ND	DRY	0.00
11/15/12	ND	DRY	0.00
12/13/12	ND	DRY	0.00
03/15/13	ND	18.46	0.00
04/26/13	ND	18.66	0.00
05/17/13	ND	18.76	0.00
06/28/13	ND	17.04	0.00
07/26/13	ND	18.64	0.00
08/30/13	ND	DRY	0.00
09/27/13	ND	18.81	0.00
10/18/13	ND	DRY	0.00
11/22/13	ND	DRY	0.00
12/26/13	ND	18.76	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

ECS-3

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/18/96	ND	16.98	0.00
11/25/96	17.72	18.39	0.67
12/19/96	14.73	14.74	0.01
01/31/97	16.59	17.50	0.91
03/06/97	16.54	16.75	0.21
05/19/98	17.23	17.53	0.30
11/30/98	19.60	19.65	0.05
04/01/99	13.40	14.30	0.90
08/24/99	18.73	18.82	0.09
11/24/99	17.97	18.00	0.03
01/28/00	18.52	18.65	0.13
03/30/00	17.42	17.45	0.03
04/21/00	16.88	17.00	0.12
08/23/00	16.33	16.40	0.07
11/20/00	16.80	17.23	0.43
01/29/01	18.20	18.60	0.40
07/11/01	16.95	17.30	0.35
10/12/01	18.50	18.54	0.04
08/20/02	17.93	17.94	0.01
05/29/03	ND	21.15	0.00
07/10/12	19.96	20.11	0.15
10/22/12	18.60	18.65	0.05
10/26/12	ND	17.76	0.00
11/15/12	20.06	20.08	0.02
12/13/12	20.48	20.68	0.20
03/15/13	NM	NM	NM
04/26/13	NM	NM	NM
05/17/13	NM	NM	NM
06/28/13	ND	17.79	0.00
07/26/13	19.07	19.12	0.05
08/30/13	19.34	19.39	0.05
09/27/13	19.38	19.40	0.02
10/18/13	19.70	19.80	0.10
11/22/13	ND	18.46	0.00
12/26/13	ND	18.36	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

ECS-9

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/18/96	ND	14.02	0.00
11/25/96	16.44	17.06	0.62
12/19/96	11.80	11.88	0.08
01/31/97	13.95	14.65	0.70
10/26/13	ND	16.78	0.00
03/06/97	14.12	14.32	0.20
05/19/98	14.31	14.66	0.35
11/30/98	18.73	19.09	0.36
04/01/99	12.24	12.35	0.11
08/24/99	18.65	18.87	0.22
11/24/99	ND	17.52	0.00
01/28/00	16.28	16.60	0.32
02/10/00	16.70	16.91	0.21
04/21/00	14.13	14.14	0.01
08/23/00	11.88	12.75	0.87
12/11/02	13.81	14.95	1.14
05/29/03	ND	DRY	0.00
12/01/03	12.88	13.00	0.12
02/27/04	22.11	23.40	1.29
07/29/04	20.20	20.21	0.01
08/09/04	18.57	20.54	1.97
08/19/04	16.81	18.70	1.89
08/26/04	14.90	15.03	0.13
09/07/04	20.71	21.61	0.90
09/09/04	20.41	21.39	0.98
09/16/04	19.44	20.26	0.82
09/23/04	11.12	13.76	2.64
09/30/04	NM	NM	NM
10/14/04	19.54	20.11	0.57
10/21/04	18.23	18.25	0.02
01/08/00	20.26	20.75	0.49
01/10/05	17.95	18.43	0.48
01/31/05	19.92	20.22	0.30
02/14/05	15.55	15.60	0.05
02/28/05	18.09	18.53	0.44
04/11/05	9.98	11.27	1.29
04/25/05	15.97	16.10	0.13
05/09/05	16.20	16.30	0.10
05/31/05	17.88	18.44	0.56
06/06/05	18.31	18.49	0.18
06/13/05	19.30	19.51	0.21
06/27/05	18.90	19.10	0.20
07/25/05	18.79	18.99	0.20
08/08/05	20.02	20.21	0.19
08/09/05	20.10	20.23	0.13
09/26/05	21.18	21.19	0.01

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

ECS-9

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
04/26/06	10.28	19.51	9.23
05/10/06	15.44	16.22	0.78
06/26/06	14.61	15.78	1.17
07/24/06	17.15	18.06	0.91
08/23/06	17.91	18.77	0.86
09/21/06	17.18	17.81	0.63
11/16/06	10.78	13.60	2.82
12/19/06	17.82	18.12	0.30
01/09/07	12.51	13.34	0.83
04/27/07	9.43	10.51	1.08
05/17/07	14.66	14.97	0.31
06/26/07	17.55	17.74	0.19
07/20/07	16.50	16.75	0.25
08/07/07	18.48	18.65	0.17
09/09/07	19.66	19.96	0.30
11/12/07	18.75	18.92	0.17
12/18/07	18.68	18.81	0.13
01/16/08	11.99	12.23	0.24
02/07/08	9.46	9.82	0.36
03/27/08	10.47	10.92	0.45
04/28/08	14.41	14.55	0.14
06/17/08	13.82	13.98	0.16
07/25/08	12.07	12.15	0.08
08/22/08	17.52	17.54	0.02
09/24/08	18.06	18.07	0.01
10/16/08	18.70	18.72	0.02
11/13/08	16.91	16.93	0.02
12/23/08	16.68	16.70	0.02
01/20/09	16.55	16.62	0.07
02/18/09	15.36	15.43	0.07
03/13/09	9.11	9.15	0.04
04/09/09	ND	10.06	0.00
05/28/09	15.00	15.25	0.25
06/23/09	8.67	8.81	0.14
07/24/09	10.63	10.75	0.12
08/28/09	10.31	10.45	0.14
09/28/09	17.00	17.11	0.11
10/21/09	17.45	17.58	0.13
11/25/09	16.45	16.50	0.05
12/14/09	14.32	14.41	0.09
02/02/10	15.44	15.49	0.05
04/28/10	13.33	13.41	0.08
05/27/10	16.04	16.15	0.11

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

ECS-9

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
08/19/10	19.71	19.74	0.03
12/22/10	18.73	18.75	0.02
03/22/11	9.54	9.55	0.01
07/28/11	10.23	10.25	0.02
11/17/11	15.17	15.26	0.09
02/07/12	ND	11.95	0.00
10/24/12	ND	19.67	0.00
03/26/12	15.75	15.81	0.06
04/24/12	ND	12.41	0.00
05/14/12	ND	11.95	0.00
05/16/12	ND	9.39	0.00
06/11/12	ND	16.03	0.00
07/10/12	ND	19.55	0.00
07/16/12	ND	19.75	0.00
08/13/12	ND	12.73	0.00
08/24/12	ND	17.42	0.00
09/10/12	ND	13.94	0.00
09/12/12	ND	16.18	0.00
10/22/12	ND	12.05	0.00
11/15/12	ND	18.74	0.00
12/13/12	ND	13.30	0.00
03/15/13	ND	10.95	0.00
04/26/13	ND	14.00	0.00
05/17/13	ND	16.20	0.00
06/28/13	ND	12.69	0.00
07/26/13	ND	17.04	0.00
08/30/13	ND	18.60	0.00
09/27/13	ND	18.28	0.00
10/18/13	ND	19.29	0.00
11/22/13	ND	19.45	0.00
12/26/13	ND	13.16	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

ECS-11

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
05/19/98	12.00	15.07	3.07
04/21/00	11.01	11.03	0.02
08/09/05	ND	DRY	0.00
05/15/12	14.71	15.30	0.59
06/11/12	ND	16.24	0.00
06/12/12	ND	16.33	0.00
06/15/12	ND	16.58	0.00
07/10/12	ND	DRY	0.00
10/26/12	15.60	15.65	0.05
11/15/12	ND	DRY	0.00
12/13/12	ND	DRY	0.00
03/15/13	11.55	11.57	0.02
04/26/13	15.57	15.62	0.05
05/17/13	ND	18.00	0.00
06/28/13	ND	12.74	0.00
07/26/13	ND	17.47	0.00
08/30/13	ND	17.85	0.00
09/27/13	ND	11.90	0.00
10/18/13	ND	18.66	0.00
11/22/13	ND	DRY	0.00
12/26/13	ND	14.53	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)
DTW = Depth to Water (Ft below top of riser pipe)
NA = Not Applicable
ND = NAPL not detected
NM - Not Monitored
NAPL = Non Aqueous Phase Liquid
= NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

ECS-15

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
11/22/13	ND	15.78	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-2

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
02/23/04	ND	DRY	0.00
03/26/04	ND	18.65	0.00
04/15/04	ND	11.90	0.00
04/22/04	ND	12.00	0.00
04/29/04	ND	12.02	0.00
06/11/04	ND	13.28	0.00
06/24/04	18.23	18.90	0.67
09/26/05	ND	18.87	0.00
09/30/05	ND	18.85	0.00
03/28/08	ND	12.19	0.00
07/25/08	ND	9.33	0.00
10/17/08	ND	18.31	0.00
02/17/09	ND	15.13	0.00
05/28/09	ND	14.67	0.00
09/28/09	ND	16.81	0.00
12/15/09	ND	8.67	0.00
03/18/10	ND	8.27	0.00
07/12/12	ND	17.96	0.00
06/28/13	NM	NM	NM
10/18/13	ND	18.62	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-3

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
05/20/04	ND	14.60	0.00
06/11/04	ND	13.28	0.00
06/24/04	18.23	18.90	0.67
07/20/12	ND	DRY	0.00
10/26/12	ND	16.78	0.00
12/13/12	ND	18.95	0.00
03/15/13	ND	14.42	0.00
06/28/13	ND	16.62	0.00
10/18/13	ND	18.91	0.00
12/26/13	ND	12.32	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-4

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/26/12	ND	12.51	0.00
11/14/12	ND	12.45	0.00
06/28/13	NM	NM	NM

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-7

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/01/03	ND	19.10	0.00
02/27/04	ND	21.84	0.00
05/13/04	ND	19.01	0.00
05/20/04	ND	17.30	0.00
06/11/04	ND	16.55	0.00
02/21/05	ND	13.09	0.00
08/09/05	ND	18.75	0.00
05/09/06	ND	19.20	0.00
09/20/06	ND	19.86	0.00
04/26/07	ND	17.74	0.00
07/25/08	16.92	17.19	0.27
08/22/08	18.65	18.66	0.01
09/24/08	ND	19.01	0.00
10/16/08	19.19	19.22	0.03
11/13/08	ND	18.35	0.00
12/23/08	ND	18.22	0.00
01/20/09	ND	17.90	0.00
04/09/09	ND	17.04	0.00
05/28/09	ND	17.21	0.00
06/23/09	ND	16.94	0.00
07/24/09	ND	16.31	0.00
08/28/09	ND	16.75	0.00
09/28/09	ND	17.91	0.00
10/21/09	ND	18.55	0.00
11/25/09	ND	18.17	0.00
12/14/09	ND	17.80	0.00
02/02/10	NM	NM	NM
05/17/13	NM	NM	NM
03/18/10	17.20	17.28	0.08
04/28/10	ND	17.77	0.00
01/08/00	ND	18.57	0.00
08/19/10	20.05	20.11	0.06
12/22/10	19.04	19.05	0.01
03/22/11	ND	16.79	0.00
07/28/11	ND	18.15	0.00
11/17/11	ND	17.21	0.00
02/07/12	ND	17.29	0.00
03/26/12	ND	18.44	0.00
04/25/12	18.58	18.61	0.03
05/14/12	ND	18.12	0.00
06/13/12	ND	18.64	0.00
07/10/12	19.83	19.84	0.01
07/18/12	ND	20.06	0.00
08/15/12	20.11	20.18	0.07
08/24/12	ND	20.40	0.00
09/14/12	ND	20.55	0.00
10/24/12	ND	19.51	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-7

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
11/15/12	ND	19.60	0.00
12/13/12	ND	19.82	0.00
03/15/13	ND	18.34	0.00
04/26/13	ND	18.50	0.00
05/17/13	ND	19.07	0.00
06/28/13	ND	16.90	0.00
07/26/13	ND	18.54	0.00
08/30/13	ND	19.06	0.00
09/27/13	ND	19.11	0.00
10/18/13	ND	19.64	0.00
12/26/13	ND	18.67	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-8

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/23/08	17.70	17.71	0.01
01/20/09	ND	16.51	0.00
03/13/09	ND	14.30	0.00
04/09/09	ND	14.40	0.00
05/28/09	ND	16.81	0.00
06/23/09	ND	15.33	0.00
07/24/09	ND	15.94	0.00
08/28/09	ND	15.55	0.00
09/28/09	ND	16.82	0.00
10/21/09	ND	17.48	0.00
11/25/09	ND	16.81	0.00
12/14/09	ND	15.90	0.00
02/02/10	ND	16.88	0.00
03/18/10	ND	13.51	0.00
04/28/10	ND	16.68	0.00
05/27/10	ND	17.91	0.00
08/19/10	ND	18.37	0.00
12/22/10	ND	17.21	0.00
07/28/11	17.14	17.52	0.38
11/17/11	15.98	16.33	0.35
02/07/12	16.16	16.31	0.15
05/14/12	17.41	17.47	0.06
05/17/12	16.95	17.01	0.06
06/13/12	18.41	18.67	0.26
07/10/12	ND	19.98	0.00
07/18/12	ND	20.16	0.00
07/19/12	NM	NM	NM
08/15/12	ND	20.23	0.00
08/24/12	ND	20.40	0.00
01/08/00	20.62	20.64	0.02
10/24/12	19.55	19.65	0.10
11/15/12	19.61	19.62	0.01
12/13/12	ND	19.93	0.00
03/15/13	ND	18.31	0.00
04/26/13	ND	19.26	0.00
05/17/13	ND	19.19	0.00
06/28/13	ND	17.11	0.00
07/26/13	ND	18.81	0.00
08/30/13	ND	19.27	0.00
09/27/13	ND	19.30	0.00
10/18/13	ND	19.80	0.00
12/26/13	ND	18.73	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than

MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-10

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
04/26/06	ND	16.28	0.00
05/10/06	17.02	17.03	0.01
06/26/06	ND	16.02	0.00
07/24/06	ND	17.28	0.00
08/23/06	ND	17.55	0.00
09/21/06	ND	17.77	0.00
11/16/06	ND	15.58	0.00
12/19/06	ND	17.14	0.00
01/09/07	ND	15.34	0.00
04/27/07	ND	14.12	0.00
05/17/07	ND	15.91	0.00
06/26/07	ND	17.33	0.00
07/20/07	ND	17.25	0.00
08/07/07	ND	18.05	0.00
11/12/07	ND	18.06	0.00
03/27/08	ND	15.85	0.00
04/28/08	ND	13.87	0.00
05/08/08	ND	13.70	0.00
06/17/08	ND	15.11	0.00
08/22/08	ND	16.86	0.00
09/24/08	ND	17.31	0.00
10/16/08	ND	17.37	0.00
11/13/08	ND	16.46	0.00
12/23/08	ND	16.23	0.00
04/09/09	ND	12.89	0.00
05/28/09	ND	16.01	0.00
06/23/09	NM	NM	NM
07/24/09	ND	12.85	0.00
08/28/09	ND	11.65	0.00
01/08/00	ND	16.03	0.00
10/21/09	ND	16.84	0.00
11/25/09	ND	16.22	0.00
12/14/09	ND	15.44	0.00
03/18/10	ND	13.20	0.00
04/28/10	ND	16.09	0.00
05/27/10	ND	17.02	0.00
08/19/10	ND	18.26	0.00
12/22/10	ND	16.48	0.00
03/22/11	8.40	8.41	0.01
07/28/11	ND	16.42	0.00
11/17/11	ND	16.20	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-10

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
02/07/12	ND	13.70	0.00
05/14/12	ND	16.20	0.00
07/12/12	ND	17.89	0.00
08/24/12	ND	18.40	0.00
10/25/12	ND	19.51	0.00
11/15/12	ND	17.70	0.00
10/18/13	ND	17.71	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-10R

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
04/26/06	16.40	17.18	0.78
05/10/06	17.31	17.79	0.48
06/26/06	13.09	13.46	0.37
07/24/06	15.31	15.90	0.59
08/23/06	14.83	15.32	0.49
09/21/06	18.11	18.71	0.60
12/19/06	13.59	13.63	0.04
01/09/07	13.94	13.95	0.01
05/17/07	16.43	16.44	0.01
06/26/07	ND	17.77	0.00
07/20/07	ND	21.30	0.00
08/07/07	ND	21.95	0.00
09/09/07	18.82	18.94	0.12
11/12/07	18.41	18.63	0.22
03/27/08	15.45	15.71	0.26
04/28/08	15.88	16.02	0.14
05/08/08	16.05	16.18	0.13
06/17/08	16.40	16.44	0.04
08/22/08	17.56	17.59	0.03
09/24/08	ND	17.87	0.00
10/16/08	ND	17.95	0.00
11/13/08	17.13	17.18	0.05
12/23/08	16.91	16.95	0.04
01/20/09	17.62	17.64	0.02
04/09/09	ND	15.93	0.00
05/28/09	ND	16.80	0.00
06/23/09	NM	NM	NM
07/24/09	ND	15.93	0.00
08/28/09	15.96	15.97	0.01
01/08/00	ND	16.76	0.00
10/21/09	ND	17.40	0.00
11/25/09	16.81	16.82	0.01
12/14/09	ND	16.32	0.00
03/18/10	ND	15.21	0.00
04/28/10	ND	16.59	0.00
05/27/10	ND	17.45	0.00
08/19/10	18.66	18.68	0.02
12/22/10	17.10	17.14	0.04
03/22/11	15.06	15.07	0.01
07/28/11	17.11	17.13	0.02
11/17/11	15.90	15.94	0.04
02/07/12	16.03	16.07	0.04
03/29/12	ND	16.85	0.00
04/26/12	ND	17.25	0.00
05/14/12	ND	16.71	0.00
05/21/12	ND	19.51	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-10R

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/14/12	ND	17.06	0.00
07/12/12	18.30	18.31	0.01
07/19/12	ND	18.29	0.00
08/16/12	18.41	18.43	0.02
08/24/12	18.68	18.69	0.01
09/15/12	18.75	18.83	0.08
10/25/12	ND	17.76	0.00
11/15/12	ND	18.00	0.00
12/13/12	ND	18.12	0.00
03/15/13	WI	WI	WI
04/26/13	ND	17.10	0.00
05/17/13	ND	17.49	0.00
06/28/13	ND	15.55	0.00
07/26/13	ND	17.12	0.00
08/30/13	ND	17.48	0.00
09/27/13	ND	17.58	0.00
10/18/13	ND	17.99	0.00
12/26/13	ND	16.92	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

WI = Well Inaccessible

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

EXP-12R

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
05/17/13	ND	18.29	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NL = Not Located

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-13

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
04/26/06	17.79	18.11	0.32
05/10/06	18.48	18.85	0.37
06/26/06	17.42	17.71	0.29
07/24/06	ND	18.81	0.00
08/23/06	18.79	19.11	0.32
09/21/06	19.11	19.45	0.34
11/16/06	17.30	17.45	0.15
12/19/06	18.46	18.69	0.23
01/09/07	17.00	17.06	0.06
04/27/07	ND	13.40	0.00
05/17/07	17.75	17.77	0.02
06/26/07	18.80	18.86	0.06
07/20/07	18.66	18.76	0.10
08/07/07	19.26	19.48	0.22
09/09/07	19.59	19.81	0.22
11/12/07	ND	17.06	0.00
04/28/08	ND	16.99	0.00
05/08/08	17.18	17.22	0.04
06/17/08	17.29	17.32	0.03
08/22/08	18.53	18.61	0.08
09/24/08	18.81	18.86	0.05
10/16/08	18.86	18.92	0.06
11/13/08	18.09	18.11	0.02
12/23/08	17.81	17.82	0.01
04/09/09	ND	16.91	0.00
05/28/09	ND	17.75	0.00
06/23/09	NM	NM	NM
07/24/09	ND	16.92	0.00
08/28/09	ND	17.21	0.00
01/08/00	ND	17.81	0.00
10/21/09	ND	18.35	0.00
11/25/09	ND	17.61	0.00
12/14/09	ND	17.29	0.00
03/18/10	ND	16.11	0.00
04/28/10	ND	17.64	0.00
05/27/10	18.46	18.47	0.01
08/19/10	19.44	19.58	0.14
12/22/10	17.99	18.01	0.02

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-13

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
03/22/11	ND	16.16	0.00
07/28/11	ND	18.37	0.00
11/17/11	ND	17.04	0.00
02/07/12	ND	17.07	0.00
03/30/12	ND	18.07	0.00
04/27/12	18.40	18.44	0.04
05/14/12	ND	17.62	0.00
05/22/12	ND	19.51	0.00
06/15/12	ND	18.11	0.00
07/12/12	ND	20.08	0.00
08/24/12	19.40	19.55	0.15
10/26/12	18.65	18.76	0.11
11/15/12	18.80	18.88	0.08
12/13/12	18.92	18.94	0.02
03/15/13	WI	WI	WI
04/26/13	ND	18.04	0.00
05/17/13	ND	18.40	0.00
06/28/13	ND	16.54	0.00
07/26/13	18.12	18.13	0.01
08/30/13	ND	18.38	0.00
09/27/13	ND	18.49	0.00
10/18/13	ND	18.72	0.00
12/26/13	WI	WI	WI

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

WI = Well Inaccessible

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-13R

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/03/03	18.77	18.80	0.03
01/07/04	ND	20.12	0.00
02/23/04	21.65	21.80	0.15
03/03/04	ND	19.36	0.00
03/12/04	ND	14.40	0.00
03/26/04	ND	16.90	0.00
03/31/04	ND	7.40	0.00
04/07/04	ND	8.39	0.00
04/15/04	ND	9.23	0.00
04/22/04	ND	14.53	0.00
04/29/04	ND	14.50	0.00
05/13/04	ND	14.42	0.00
05/20/04	ND	12.26	0.00
06/11/04	ND	9.94	0.00
07/29/04	ND	18.05	0.00
08/09/04	ND	15.17	0.00
08/19/04	ND	8.62	0.00
08/26/04	ND	9.70	0.00
09/07/04	ND	8.51	0.00
09/09/04	ND	12.93	0.00
09/16/04	ND	11.36	0.00
09/23/04	ND	7.84	0.00
09/30/04	ND	12.06	0.00
10/14/04	ND	12.09	0.00
10/21/04	ND	13.70	0.00
10/28/04	ND	15.22	0.00
07/12/12	NM	NM	NM
12/13/12	ND	18.83	0.00
03/15/13	WI	WI	WI
05/17/13	ND	18.29	0.00
06/28/13	ND	16.45	0.00
10/18/13	ND	18.75	0.00
12/26/13	WI	WI	WI

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

WI = Well Inaccessible

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-14

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/03/03	21.90	21.95	0.05
01/14/04	ND	15.51	0.00
03/26/04	ND	20.83	0.00
04/15/04	ND	15.57	0.00
04/22/04	ND	16.38	0.00
04/29/04	ND	16.37	0.00
05/13/04	ND	16.06	0.00
05/20/04	ND	13.10	0.00
06/11/04	ND	11.82	0.00
06/24/04	ND	21.10	0.00
07/29/04	ND	19.15	0.00
08/09/04	ND	18.65	0.00
08/19/04	ND	10.82	0.00
08/26/04	ND	12.70	0.00
09/07/04	ND	11.19	0.00
09/09/04	ND	14.72	0.00
09/16/04	ND	14.82	0.00
09/23/04	ND	8.11	0.00
09/30/04	ND	11.53	0.00
10/14/04	ND	11.57	0.00
10/28/04	ND	17.71	0.00
03/27/08	ND	9.72	0.00
07/24/08	ND	9.89	0.00
10/17/08	ND	19.58	0.00
02/17/09	ND	19.11	0.00
05/27/09	ND	18.00	0.00
09/28/09	NM	NM	NM
12/15/09	ND	16.16	0.00
03/18/10	ND	9.40	0.00
07/12/12	ND	19.93	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-15

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
03/26/04	ND	20.93	0.00
04/15/04	ND	16.85	0.00
04/22/04	ND	20.52	0.00
04/29/04	ND	20.51	0.00
05/13/04	ND	20.46	0.00
05/20/04	ND	16.10	0.00
06/11/04	ND	22.52	0.00
06/24/04	ND	24.10	0.00
07/29/04	ND	22.65	0.00
08/09/04	ND	24.30	0.00
08/19/04	ND	19.21	0.00
08/26/04	ND	20.80	0.00
09/07/04	ND	20.19	0.00
09/09/04	ND	18.72	0.00
09/16/04	ND	22.10	0.00
09/30/04	20.33	21.09	0.76
10/14/04	ND	19.04	0.00
10/21/04	ND	17.21	0.00
10/28/04	ND	24.68	0.00
07/10/12	ND	19.10	0.00
12/13/12	ND	19.15	0.00
03/15/13	ND	16.55	0.00
06/28/13	ND	16.33	0.00
10/18/13	ND	18.51	0.00
12/26/13	ND	16.61	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM = Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-16

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/26/12	ND	18.18	0.00
11/16/12	ND	18.45	0.00
12/14/12	ND	19.00	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-18

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/03/03	20.02	20.15	0.13
01/02/04	18.35	18.38	0.03
01/05/04	ND	20.55	0.00
01/07/04	ND	22.50	0.00
01/14/04	ND	22.03	0.00
01/19/04	ND	18.99	0.00
01/23/04	20.44	20.50	0.06
01/26/04	ND	21.64	0.00
01/28/04	ND	21.03	0.00
02/02/04	ND	21.80	0.00
02/06/04	ND	21.60	0.00
02/09/04	ND	23.07	0.00
02/13/04	ND	21.58	0.00
02/16/04	ND	22.81	0.00
02/18/04	ND	24.00	0.00
02/20/04	ND	23.55	0.00
02/23/04	ND	22.05	0.00
03/01/04	ND	23.29	0.00
03/03/04	ND	21.10	0.00
03/05/04	ND	22.79	0.00
03/10/04	ND	23.60	0.00
03/12/04	ND	22.69	0.00
03/15/04	ND	21.75	0.00
03/19/04	ND	23.02	0.00
03/22/04	ND	21.79	0.00
03/24/04	ND	21.70	0.00
03/29/04	NM	NM	NM
03/31/04	ND	20.41	0.00
04/02/04	ND	13.87	0.00
01/08/00	ND	10.70	0.00
04/07/04	ND	18.81	0.00
04/09/04	ND	18.95	0.00
04/12/04	ND	15.75	0.00
04/15/04	ND	17.92	0.00
04/19/04	ND	22.21	0.00
04/22/04	ND	21.73	0.00
04/26/04	ND	15.80	0.00
04/29/04	ND	21.98	0.00
05/03/04	ND	15.85	0.00
05/10/04	ND	19.90	0.00
05/13/04	ND	17.87	0.00
05/17/04	ND	17.85	0.00
05/20/04	ND	15.85	0.00
05/24/04	ND	19.65	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-18

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/02/04	ND	19.18	0.00
06/07/04	ND	19.51	0.00
06/11/04	ND	22.87	0.00
06/14/04	ND	22.81	0.00
06/21/04	ND	15.85	0.00
06/24/04	ND	22.85	0.00
07/21/04	ND	21.53	0.00
07/22/04	ND	21.80	0.00
07/26/04	ND	19.80	0.00
07/29/04	ND	22.65	0.00
08/02/04	ND	20.63	0.00
08/05/04	ND	24.20	0.00
08/09/04	ND	24.25	0.00
08/13/04	ND	21.45	0.00
08/19/04	ND	21.41	0.00
08/23/04	ND	22.01	0.00
08/26/04	ND	22.71	0.00
08/30/04	ND	21.89	0.00
09/07/04	ND	22.68	0.00
09/09/04	ND	20.64	0.00
09/16/04	ND	23.13	0.00
09/27/04	ND	19.57	0.00
10/05/04	ND	23.50	0.00
10/14/04	ND	21.59	0.00
10/21/04	ND	20.15	0.00
10/25/04	ND	DRY	0.00
10/28/04	ND	DRY	0.00
11/15/04	ND	DRY	0.00
01/21/05	ND	23.20	0.00
02/08/05	ND	19.56	0.00
02/21/05	ND	DRY	0.00
03/02/05	ND	20.48	0.00
04/11/05	ND	21.80	0.00
04/14/05	ND	17.89	0.00
06/27/05	ND	21.48	0.00
08/09/05	ND	DRY	0.00
09/26/05	ND	DRY	0.00
09/30/05	ND	DRY	0.00
05/10/06	ND	18.77	0.00
09/21/06	ND	19.23	0.00
04/21/07	ND	16.74	0.00
03/27/08	ND	16.96	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-18

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
07/24/08	ND	16.61	0.00
10/16/08	ND	18.93	0.00
02/18/09	ND	18.16	0.00
05/27/09	ND	18.01	0.00
09/28/09	ND	18.00	0.00
12/15/09	ND	18.92	0.00
03/19/10	ND	15.60	0.00
07/11/12	ND	18.66	0.00
10/24/12	ND	19.67	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-22

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/05/03	ND	18.80	0.00
01/02/04	ND	17.00	0.00
01/05/04	ND	16.98	0.00
01/07/04	ND	20.74	0.00
01/19/04	ND	17.50	0.00
01/23/04	ND	18.95	0.00
01/26/04	19.83	22.50	2.67
01/28/04	ND	20.35	0.00
02/02/04	ND	20.11	0.00
02/06/04	19.98	22.47	2.49
02/09/04	ND	20.89	0.00
02/13/04	ND	20.45	0.00
02/16/04	ND	20.93	0.00
02/18/04	ND	20.80	0.00
02/20/04	ND	20.55	0.00
02/23/04	ND	20.62	0.00
03/01/04	ND	22.26	0.00
03/03/04	ND	20.78	0.00
03/05/04	ND	21.17	0.00
03/10/04	ND	21.04	0.00
03/12/04	ND	20.66	0.00
03/19/04	ND	21.20	0.00
03/22/04	ND	20.19	0.00
03/24/04	ND	20.20	0.00
03/29/04	ND	16.66	0.00
03/31/04	ND	16.94	0.00
04/02/04	NM	NM	NM
04/05/04	ND	15.60	0.00
04/07/04	ND	16.84	0.00
01/08/00	ND	9.10	0.00
04/12/04	ND	17.90	0.00
04/15/04	ND	16.08	0.00
04/19/04	ND	20.05	0.00
04/22/04	ND	20.47	0.00
04/26/04	ND	19.73	0.00
04/29/04	ND	20.22	0.00
05/03/04	ND	19.74	0.00
05/10/04	ND	16.58	0.00
05/13/04	ND	21.97	0.00
05/17/04	ND	12.22	0.00
05/20/04	ND	5.00	0.00
05/24/04	ND	6.20	0.00
06/07/04	ND	19.42	0.00
06/11/04	ND	20.80	0.00
06/14/04	ND	20.91	0.00
06/21/04	ND	19.51	0.00
06/24/04	ND	19.40	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-22

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
07/22/04	ND	20.24	0.00
07/26/04	ND	20.40	0.00
07/29/04	ND	7.95	0.00
08/02/04	ND	19.25	0.00
08/05/04	ND	30.50	0.00
08/09/04	ND	22.85	0.00
08/13/04	ND	19.40	0.00
08/19/04	ND	18.11	0.00
08/23/04	ND	18.74	0.00
08/26/04	ND	19.70	0.00
08/30/04	ND	20.69	0.00
09/07/04	ND	19.06	0.00
09/09/04	17.08	17.31	0.23
09/13/04	ND	20.14	0.00
09/16/04	ND	22.19	0.00
09/27/04	ND	17.12	0.00
09/30/04	ND	26.62	0.00
10/05/04	ND	31.90	0.00
10/14/04	ND	17.98	0.00
10/25/04	ND	DRY	0.00
10/28/04	ND	34.05	0.00
11/15/04	ND	34.15	0.00
01/12/05	ND	22.30	0.00
02/08/05	ND	18.06	0.00
04/11/05	ND	18.70	0.00
04/15/05	ND	16.32	0.00
06/27/05	ND	17.85	0.00
08/09/05	ND	17.80	0.00
09/26/05	ND	17.60	0.00
09/30/05	ND	18.98	0.00
05/10/06	ND	17.00	0.00
07/10/12	ND	18.74	0.00
10/26/12	ND	17.30	0.00
11/16/12	ND	17.66	0.00
12/14/12	ND	17.28	0.00
03/15/13	ND	15.72	0.00
06/28/13	ND	15.60	0.00
07/26/13	ND	16.65	0.00
10/18/13	ND	17.40	0.00
12/26/13	ND	16.05	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than

MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

EXP-23

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/26/12	ND	17.90	0.00
11/16/12	NL	NL	NL
12/14/12	ND	17.60	0.00
07/26/13	ND	17.20	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NL = Not Located

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-206

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/11/02	12.75	23.30	10.55
12/04/03	19.48	21.34	1.86
02/27/04	21.83	21.86	0.03
03/12/04	22.55	22.96	0.41
01/02/04	18.15	18.69	0.54
01/05/04	19.41	19.75	0.34
01/07/04	22.40	22.60	0.20
01/14/04	21.95	22.03	0.08
01/19/04	18.96	19.15	0.19
01/23/04	20.39	20.70	0.31
01/26/04	21.46	22.22	0.76
01/28/04	21.60	21.65	0.05
02/02/04	21.60	22.40	0.80
02/06/04	21.60	22.15	0.55
02/13/04	22.40	22.44	0.04
02/18/04	22.42	23.15	0.73
02/20/04	ND	22.30	0.00
02/23/04	21.83	21.86	0.03
03/01/04	22.94	23.05	0.11
03/03/04	22.07	23.00	0.93
03/05/04	22.61	23.25	0.64
03/10/04	22.52	22.98	0.46
03/12/04	22.55	22.96	0.41
03/15/04	21.59	22.25	0.66
03/19/04	ND	22.30	0.00
03/22/04	21.60	22.40	0.80
03/24/04	NM	NM	NM
03/29/04	19.00	19.40	0.40
03/31/04	18.45	18.50	0.05
01/08/00	13.70	13.81	0.11
04/05/04	17.15	17.20	0.05
04/07/04	18.74	19.04	0.30
04/09/04	ND	18.86	0.00
04/12/04	19.90	20.00	0.10
04/15/04	17.37	18.20	0.83
04/19/04	22.26	22.31	0.05
04/22/04	21.70	21.83	0.13
04/26/04	ND	20.17	0.00
04/29/04	ND	21.95	0.00
05/03/04	20.45	20.60	0.15
05/10/04	ND	19.34	0.00
05/13/04	17.78	18.20	0.42
05/17/04	17.78	17.98	0.20
05/20/04	ND	22.75	0.00
05/24/04	ND	20.63	0.00
06/02/04	16.92	19.51	2.59

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-206

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/07/04	21.53	21.68	0.15
06/11/04	22.90	22.94	0.04
06/14/04	22.95	23.01	0.06
06/21/04	ND	23.36	0.00
06/24/04	22.80	22.85	0.05
07/29/04	22.05	22.15	0.10
08/09/04	23.30	23.42	0.12
08/19/04	20.94	21.92	0.98
08/26/04	22.42	22.50	0.08
09/07/04	21.63	22.59	0.96
09/09/04	20.44	20.77	0.33
09/16/04	22.89	23.35	0.46
09/30/04	18.41	18.47	0.06
10/14/04	21.48	22.24	0.76
10/21/04	19.96	19.99	0.03
10/28/04	ND	Dry	0.00
07/10/12	ND	18.30	0.00
12/14/12	ND	18.24	0.00
03/15/13	ND	17.28	0.00
06/28/13	16.72	17.13	0.41
07/26/13	ND	18.20	0.00
08/30/13	17.99	18.15	0.16
09/27/13	ND	17.25	0.00
10/18/13	ND	18.36	0.00
11/22/13	18.31	18.61	0.30
12/26/13	17.55	17.57	0.02

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-208

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/11/02	ND	13.37	0.00
05/29/03	ND	16.00	0.00
12/02/03	ND	16.85	0.00
02/23/04	ND	20.00	0.00
03/26/04	ND	DRY	0.00
08/30/04	ND	19.41	0.00
10/05/04	ND	16.20	0.00
02/21/05	ND	18.60	0.00
04/11/05	ND	12.88	0.00
04/15/05	ND	13.66	0.00
08/09/05	ND	19.67	0.00
09/26/05	ND	20.03	0.00
09/30/05	ND	20.02	0.00
05/10/06	ND	15.50	0.00
09/20/06	ND	17.96	0.00
04/26/07	ND	11.67	0.00
10/17/07	ND	DRY	0.00
03/28/08	ND	11.76	0.00
07/25/08	ND	15.94	0.00
10/17/08	ND	18.42	0.00
02/17/09	ND	16.33	0.00
05/28/09	ND	16.00	0.00
09/28/09	ND	15.78	0.00
12/15/09	ND	16.59	0.00
03/18/10	ND	12.21	0.00
07/10/12	19.02	19.15	0.13
10/23/12	NM	NM	NM
10/26/12	ND	19.45	0.00
11/15/12	ND	19.14	0.00
01/08/00	ND	19.82	0.00
03/15/13	ND	19.21	0.00
04/26/13	ND	17.85	0.00
05/17/13	ND	18.45	0.00
06/28/13	ND	14.32	0.00
07/26/13	ND	17.41	0.00
08/30/13	ND	18.41	0.00
09/27/13	ND	18.21	0.00
10/18/13	ND	19.06	0.00
11/22/13	ND	19.72	0.00
12/26/13	ND	18.53	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-218

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/03/03	20.46	21.10	0.64
01/05/04	19.83	20.55	0.72
01/07/04	23.15	24.00	0.85
01/14/04	22.50	22.60	0.10
01/19/04	19.69	20.50	0.81
01/23/04	20.62	22.46	1.84
01/26/04	21.95	22.28	0.33
01/28/04	22.20	22.40	0.20
02/02/04	22.11	24.29	2.18
02/06/04	22.02	22.30	0.28
02/13/04	23.30	25.00	1.70
02/16/04	23.32	24.97	1.65
02/18/04	23.19	24.97	1.78
02/20/04	22.75	22.78	0.03
02/23/04	22.17	25.01	2.84
03/03/04	22.31	25.03	2.72
03/05/04	22.70	24.98	2.28
03/10/04	22.70	25.00	2.30
03/12/04	22.66	25.00	2.34
03/15/04	22.21	23.75	1.54
03/19/04	23.30	25.10	1.80
03/22/04	22.20	24.00	1.80
03/24/04	22.35	22.50	0.15
03/29/04	19.79	20.35	0.56
03/31/04	19.13	19.45	0.32
04/02/04	14.15	14.20	0.05
04/05/04	NM	NM	NM
04/07/04	19.50	20.11	0.61
04/09/04	19.68	19.70	0.02
01/08/00	21.64	21.75	0.11
04/15/04	18.13	19.25	1.12
04/19/04	22.93	23.60	0.67
04/22/04	22.42	23.10	0.68
04/26/04	21.85	22.65	0.80
04/29/04	22.77	23.27	0.50
05/03/04	22.10	23.05	0.95
05/10/04	20.15	20.50	0.35
05/13/04	20.11	20.92	0.81
05/17/04	18.40	19.35	0.95
05/20/04	ND	22.95	0.00
05/24/04	21.30	21.50	0.20
06/02/04	20.05	20.17	0.12
06/07/04	22.04	23.32	1.28
06/11/04	23.52	24.53	1.01
06/14/04	23.62	24.59	0.97
06/21/04	24.86	19.51	-5.35

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-218

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/24/04	23.46	23.55	0.09
07/29/04	22.70	22.75	0.05
08/09/04	ND	DRY	0.00
08/19/04	21.30	24.29	2.99
08/26/04	23.10	23.20	0.10
09/07/04	22.28	24.40	2.12
09/09/04	20.79	22.93	2.14
09/16/04	23.43	25.10	1.67
09/30/04	18.83	20.41	1.58
10/14/04	23.25	23.86	0.61
10/21/04	ND	20.07	0.00
10/28/04	ND	DRY	0.00
01/31/05	ND	DRY	0.00
08/09/05	ND	DRY	0.00
07/11/12	17.05	25.11	8.06
07/12/12	19.55	20.61	1.06
07/16/12	19.29	21.38	2.09
07/20/12	19.31	21.67	2.36
08/17/12	19.53	20.60	1.07
08/24/12	19.90	20.10	0.20
10/26/12	19.06	19.34	0.28
11/16/12	ND	19.40	0.00
12/13/12	ND	19.50	0.00
03/15/13	17.90	17.92	0.02
04/26/13	ND	19.17	0.00
05/17/13	ND	19.40	0.00
06/28/13	ND	17.82	0.00
07/26/13	ND	19.22	0.00
08/30/13	ND	19.11	0.00
09/27/13	ND	19.09	0.00
10/18/13	19.56	19.70	0.14
11/22/13	19.45	19.55	0.10
12/26/13	ND	18.20	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than

MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-225

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/02/03	ND	18.17	0.00
01/07/04	ND	22.58	0.00
01/14/04	ND	22.70	0.00
02/23/04	ND	23.20	0.00
10/26/13	ND	16.78	0.00
03/03/04	23.01	23.05	0.04
03/12/04	22.80	22.85	0.05
03/26/04	23.00	23.01	0.01
03/31/04	ND	19.42	0.00
04/07/04	ND	19.44	0.00
04/15/04	ND	19.18	0.00
04/22/04	ND	22.43	0.00
04/29/04	ND	21.93	0.00
05/13/04	ND	19.65	0.00
05/20/04	ND	22.60	0.00
06/11/04	ND	22.55	0.00
06/24/04	22.35	22.45	0.10
07/29/04	ND	20.35	0.00
08/09/04	ND	21.86	0.00
08/19/04	ND	21.59	0.00
08/26/04	ND	12.60	0.00
08/30/04	ND	22.64	0.00
09/09/04	21.54	21.56	0.02
09/16/04	ND	22.78	0.00
09/30/04	ND	19.17	0.00
10/05/04	ND	21.93	0.00
10/14/04	ND	22.08	0.00
10/21/04	NM	NM	NM
05/17/13	NM	NM	NM
10/28/04	ND	22.89	0.00
12/27/04	ND	20.27	0.00
01/08/00	ND	17.24	0.00
04/15/05	ND	17.55	0.00
08/09/05	ND	20.57	0.00
09/26/05	ND	22.20	0.00
09/30/05	ND	22.15	0.00
05/10/06	ND	18.14	0.00
09/21/06	ND	19.87	0.00
10/17/07	ND	20.40	0.00
03/28/08	ND	16.32	0.00
07/25/08	ND	16.79	0.00
10/17/08	ND	19.51	0.00
02/17/09	ND	18.47	0.00
05/28/09	ND	17.83	0.00
09/28/09	ND	18.40	0.00
12/15/09	ND	17.32	0.00

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

GES-225

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
03/18/10	ND	16.00	0.00
07/10/12	ND	19.51	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-227

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
01/02/04	19.40	19.99	0.59
01/05/04	24.30	24.70	0.40
01/07/04	23.35	24.31	0.96
01/14/04	22.75	23.80	1.05
01/19/04	19.99	20.70	0.71
01/23/04	21.21	21.93	0.72
01/26/04	22.43	23.40	0.97
01/28/04	22.60	23.58	0.98
02/02/04	22.58	23.70	1.12
02/06/04	22.68	23.20	0.52
02/09/04	24.29	26.15	1.86
02/13/04	23.35	24.60	1.25
02/18/04	24.35	25.35	1.00
02/20/04	24.36	25.09	0.73
02/23/04	23.00	23.02	0.02
03/01/04	24.40	26.00	1.60
03/03/04	ND	18.40	0.00
03/05/04	22.78	23.50	0.72
03/10/04	22.95	23.41	0.46
03/12/04	23.15	23.74	0.59
03/15/04	22.47	23.00	0.53
03/19/04	24.61	24.80	0.19
03/22/04	22.60	23.25	0.65
03/24/04	22.55	23.10	0.55
03/29/04	18.00	18.75	0.75
03/31/04	16.85	17.75	0.90
04/02/04	NM	NM	NM
04/05/04	12.05	12.50	0.45
04/07/04	11.00	12.25	1.25
01/08/00	10.05	10.70	0.65
04/12/04	10.60	11.20	0.60
04/15/04	ND	11.20	0.00
04/19/04	11.00	11.58	0.58
04/22/04	ND	12.70	0.00
04/26/04	ND	13.70	0.00
04/29/04	ND	13.85	0.00
05/03/04	ND	14.45	0.00
05/10/04	ND	14.35	0.00
05/13/04	ND	13.90	0.00
05/17/04	ND	14.20	0.00
05/20/04	ND	17.05	0.00
05/24/04	ND	17.00	0.00
06/02/04	14.93	14.98	0.05
06/07/04	15.65	15.70	0.05

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-227

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/11/04	ND	16.65	0.00
06/14/04	ND	19.51	0.00
06/21/04	ND	18.20	0.00
06/24/04	ND	18.15	0.00
07/29/04	23.30	23.47	0.17
08/09/04	ND	25.90	0.00
08/19/04	22.28	23.06	0.78
08/26/04	23.40	23.43	0.03
08/30/04	ND	22.92	0.00
09/09/04	22.60	22.91	0.31
09/16/04	23.54	25.45	1.91
09/30/04	19.41	21.56	2.15
10/05/04	ND	22.90	0.00
10/14/04	21.27	26.78	5.51
10/21/04	21.69	21.70	0.01
10/28/04	ND	26.85	0.00
11/15/04	ND	26.43	0.00
12/27/04	24.57	26.83	2.26
01/10/05	ND	22.78	0.00
01/31/05	ND	26.42	0.00
02/14/05	23.84	24.00	0.16
02/21/05	25.00	25.90	0.90
04/11/05	20.85	25.49	4.64
04/15/05	ND	18.63	0.00
04/27/05	19.20	22.40	3.20
05/09/05	22.75	24.75	2.00
06/13/05	23.35	24.34	0.99
06/27/05	23.34	23.65	0.31
07/25/05	24.42	24.55	0.13
08/08/05	ND	21.80	0.00
09/30/05	ND	19.73	0.00
07/20/12	17.94	25.73	7.79
08/17/12	19.55	20.80	1.25
08/24/12	20.00	20.20	0.20
09/21/12	19.50	19.68	0.18
10/26/12	19.06	19.19	0.13
11/16/12	19.30	19.45	0.15
12/13/12	19.50	19.52	0.02
03/15/13	ND	17.86	0.00
04/26/13	ND	18.85	0.00
05/17/13	ND	19.30	0.00
06/28/13	17.60	17.64	0.04

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

GES-227

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
07/26/13	19.02	19.10	0.08
08/30/13	19.09	19.12	0.03
09/27/13	19.19	19.20	0.01
10/18/13	19.60	19.65	0.05
11/22/13	19.58	19.61	0.03
12/26/13	18.23	18.30	0.07

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES228

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/01/03	ND	23.57	0.00
01/28/04	23.15	23.17	0.02
02/13/04	23.85	23.90	0.05
02/18/04	24.15	24.19	0.04
10/26/13	ND	16.78	0.00
02/23/04	23.56	23.61	0.05
03/12/04	23.84	23.87	0.03
03/26/04	23.63	23.65	0.02
03/31/04	ND	19.59	0.00
04/07/04	19.93	19.95	0.02
04/15/04	ND	18.60	0.00
04/22/04	ND	23.22	0.00
04/29/04	22.55	22.57	0.02
05/13/04	19.53	19.55	0.02
05/20/04	ND	23.44	0.00
06/11/04	ND	23.72	0.00
06/24/04	23.63	23.65	0.02
07/29/04	23.05	23.07	0.02
08/09/04	ND	27.39	0.00
08/19/04	ND	22.43	0.00
08/26/04	ND	23.45	0.00
08/30/04	ND	23.16	0.00
09/09/04	22.04	22.07	0.03
09/16/04	ND	24.48	0.00
09/30/04	ND	20.22	0.00
10/05/04	24.80	24.83	0.03
10/14/04	22.95	23.11	0.16
10/21/04	NM	NM	NM
10/28/04	27.59	27.75	0.16
12/27/04	23.73	24.26	0.53
01/08/00	ND	21.73	0.00
02/14/05	23.70	24.50	0.80
02/28/05	ND	24.62	0.00
04/11/05	ND	22.90	0.00
04/14/05	ND	18.64	0.00
04/25/05	22.38	25.35	2.97
05/09/05	25.60	26.60	1.00
05/31/05	20.96	22.55	1.59
06/06/05	21.01	22.00	0.99
06/13/05	24.34	24.72	0.38
06/27/05	22.42	22.96	0.54
07/25/05	22.56	22.85	0.29
08/08/05	24.69	25.00	0.31
08/09/05	26.20	26.30	0.10
09/26/05	25.54	25.90	0.36
09/30/05	22.04	22.18	0.14
04/26/06	18.50	19.51	1.01
05/10/06	18.62	18.71	0.09
06/26/06	18.03	18.13	0.10

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES228

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
07/24/06	ND	19.48	0.00
08/23/06	19.75	19.86	0.11
09/21/06	19.92	20.01	0.09
11/16/06	18.37	18.47	0.10
12/19/06	18.43	18.48	0.05
01/09/07	17.84	17.86	0.02
04/27/07	16.51	16.55	0.04
05/17/07	16.93	16.96	0.03
06/26/07	ND	17.38	0.00
07/20/07	18.54	18.56	0.02
08/07/07	19.74	19.77	0.03
09/09/07	20.96	20.97	0.01
11/12/07	20.13	20.16	0.03
12/18/08	19.05	19.13	0.08
01/16/08	18.23	18.24	0.01
02/07/08	15.31	15.33	0.02
03/27/08	15.96	15.97	0.01
04/28/08	16.45	16.46	0.01
06/17/08	ND	15.40	0.00
07/25/08	ND	13.60	0.00
08/22/08	16.47	16.48	0.01
09/24/08	ND	16.56	0.00
10/16/08	ND	16.15	0.00
11/13/08	15.73	15.74	0.01
12/23/08	15.50	15.51	0.01
01/20/09	ND	17.06	0.00
02/18/09	ND	18.18	0.00
03/13/09	ND	17.09	0.00
04/09/09	ND	17.09	0.00
05/28/09	ND	18.73	0.00
06/23/09	16.36	16.37	0.01
07/24/09	ND	17.70	0.00
08/28/09	ND	16.95	0.00
09/28/09	ND	18.80	0.00
10/21/09	ND	18.47	0.00
11/25/09	ND	17.71	0.00
12/14/09	ND	17.89	0.00
02/02/10	ND	17.76	0.00
04/28/10	ND	17.59	0.00
05/27/10	ND	18.76	0.00
08/19/10	ND	20.42	0.00
12/22/10	ND	18.99	0.00
03/22/11	ND	15.96	0.00
07/28/11	ND	18.86	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES228

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/26/12	ND	19.03	0.00
11/16/12	ND	19.27	0.00
10/24/12	ND	19.67	0.00
06/28/13	ND	16.30	0.00
11/22/13	ND	19.75	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-232

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/04/03	ND	20.19	0.00
01/02/04	ND	18.15	0.00
01/07/04	ND	22.37	0.00
01/14/04	20.30	21.10	0.80
01/19/04	16.51	25.35	8.84
01/23/04	18.85	26.89	8.04
01/26/04	19.77	27.20	7.43
01/28/04	20.00	27.50	7.50
02/06/04	20.15	24.30	4.15
02/20/04	20.96	25.63	4.67
02/27/04	20.60	25.10	4.50
03/01/04	21.99	26.59	4.60
03/03/04	20.90	25.70	4.80
03/05/04	21.60	26.20	4.60
03/10/04	21.58	26.19	4.61
03/12/04	ND	22.42	0.00
03/15/04	22.65	22.73	0.08
03/19/04	24.10	24.75	0.65
03/22/04	ND	21.74	0.00
03/24/04	ND	14.35	0.00
03/29/04	ND	23.35	0.00
03/31/04	ND	20.66	0.00
04/02/04	14.05	14.50	0.45
04/05/04	ND	17.35	0.00
04/07/04	ND	22.99	0.00
04/09/04	ND	23.15	0.00
04/12/04	NM	NM	NM
04/15/04	16.98	17.04	0.06
04/19/04	ND	22.37	0.00
01/08/00	ND	21.51	0.00
04/26/04	ND	21.41	0.00
04/29/04	ND	23.68	0.00
05/03/04	21.57	21.63	0.06
05/10/04	ND	22.60	0.00
05/13/04	ND	20.45	0.00
05/17/04	ND	17.65	0.00
05/20/04	ND	23.70	0.00
05/24/04	ND	23.85	0.00
06/07/04	ND	23.92	0.00
06/11/04	ND	23.65	0.00
06/14/04	ND	23.81	0.00
06/21/04	ND	24.20	0.00
06/24/04	ND	24.00	0.00
07/22/04	ND	21.28	0.00
07/26/04	ND	22.61	0.00
07/29/04	ND	19.51	0.00
08/02/04	ND	20.47	0.00
08/05/04	ND	24.55	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-232

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
08/09/04	ND	21.50	0.00
08/13/04	ND	20.83	0.00
08/19/04	ND	21.44	0.00
08/26/04	ND	22.00	0.00
08/30/04	ND	21.63	0.00
09/09/04	ND	18.46	0.00
09/13/04	ND	20.83	0.00
09/16/04	ND	21.66	0.00
09/27/04	ND	15.35	0.00
09/30/04	ND	17.66	0.00
10/05/04	ND	24.17	0.00
10/14/04	ND	19.72	0.00
10/21/04	ND	18.15	0.00
10/25/04	ND	Dry	0.00
10/28/04	ND	Dry	0.00
11/15/04	ND	24.50	0.00
01/12/05	ND	21.96	0.00
02/08/05	ND	18.73	0.00
04/11/05	ND	23.95	0.00
04/15/05	ND	17.49	0.00
06/27/05	ND	23.85	0.00
09/26/05	ND	24.20	0.00
09/30/05	ND	19.95	0.00
10/26/12	20.17	20.20	0.03
11/16/12	ND	20.20	0.00
12/14/12	ND	15.00	0.00
03/15/13	ND	12.35	0.00
06/28/13	ND	12.68	0.00
10/18/13	ND	13.43	0.00
11/22/13	ND	13.46	0.00
12/26/13	WI	WI	WI

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

WI = Well Inaccessible

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-301S

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/28/13	ND	11.90	0.00
07/26/13	ND	12.07	0.00
08/30/13	ND	12.40	0.00
09/27/13	ND	12.72	0.00
10/18/13	ND	15.51	0.00
11/22/13	ND	16.84	0.00
12/26/13	nd	16.37	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-3011

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
02/27/04	20.84	27.20	6.36
04/15/04	15.43	24.00	8.57
04/22/04	19.67	26.45	6.78
04/29/04	19.09	26.30	7.21
05/13/04	16.30	18.10	1.80
05/20/04	19.61	22.03	2.42
06/11/04	19.50	27.15	7.65
07/29/04	ND	17.80	0.00
08/09/04	19.58	26.80	7.22
08/19/04	19.39	25.82	6.43
08/26/04	20.20	25.03	4.83
08/30/04	20.34	26.45	6.11
09/09/04	19.03	25.96	6.93
09/16/04	20.34	26.90	6.56
09/23/04	18.04	25.52	7.48
10/05/04	19.93	24.42	4.49
10/11/04	19.83	19.95	0.12
10/14/04	19.85	25.55	5.70
10/21/04	18.45	20.10	1.65
10/28/04	20.56	25.89	5.33
01/31/05	19.43	26.95	7.52
02/14/05	18.60	22.65	4.05
02/28/05	18.43	25.51	7.08
04/11/05	15.90	24.40	8.50
04/15/05	18.22	18.89	0.67
04/25/05	17.33	20.58	3.25
05/09/05	NM	NM	NM
05/31/05	19.19	23.00	3.81
06/06/05	20.43	22.16	1.73
01/08/00	20.89	21.51	0.62
06/27/05	20.05	21.90	1.85
07/25/05	20.44	21.07	0.63
08/08/05	20.75	22.10	1.35
08/09/05	20.86	22.25	1.39
09/26/05	20.18	25.00	4.82
09/30/05	20.47	25.27	4.80
04/26/06	16.80	25.11	8.31
05/10/06	18.84	22.15	3.31
06/26/06	17.47	21.68	4.21
07/24/06	17.15	18.06	0.91
08/23/06	19.32	25.48	6.16
09/21/06	19.77	25.28	5.51
11/16/06	15.96	25.27	9.31
12/19/06	18.17	23.80	5.63
01/09/07	17.33	20.60	3.27
04/27/07	15.37	19.51	4.14
05/17/07	18.23	19.18	0.95

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-3011

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/26/07	19.62	20.77	1.15
07/20/07	19.80	20.05	0.25
08/07/07	20.38	20.65	0.27
09/09/07	20.38	22.71	2.33
11/12/07	18.91	20.16	1.25
01/16/08	17.34	19.25	1.91
02/07/08	17.26	17.85	0.59
03/27/08	17.25	17.45	0.20
04/28/08	17.81	17.86	0.05
05/08/08	17.97	18.03	0.06
06/17/08	18.38	18.90	0.52
07/25/08	17.63	17.64	0.01
08/22/08	19.64	19.65	0.01
09/24/08	ND	19.96	0.00
10/16/08	ND	20.05	0.00
11/13/08	19.17	19.18	0.01
12/23/08	18.25	18.30	0.05
01/20/09	18.62	18.64	0.02
02/18/09	19.22	19.23	0.01
04/09/09	ND	17.91	0.00
05/28/09	18.80	18.91	0.11
06/23/09	17.80	17.95	0.15
07/24/09	17.96	18.08	0.12
08/28/09	17.82	17.96	0.14
09/28/09	18.75	18.79	0.04
10/21/09	19.45	19.51	0.06
11/25/09	18.85	18.91	0.06
12/14/09	18.31	18.41	0.10
02/02/10	19.05	19.06	0.01
03/18/10	17.18	17.20	0.02
04/28/10	18.61	18.62	0.01
05/27/10	19.54	19.56	0.02
08/19/10	19.46	24.80	5.34
12/22/10	17.93	20.78	2.85
03/22/11	15.68	21.60	5.92
07/28/11	18.91	20.22	1.31
03/26/12	18.67	19.20	0.53
04/23/12	ND	18.90	0.00
05/14/12	ND	18.64	0.00
06/12/12	ND	19.36	0.00
07/10/12	ND	21.20	0.00
07/17/12	ND	20.47	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-3011

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
08/14/12	ND	20.56	0.00
08/24/12	ND	17.05	0.00
09/10/12	ND	20.90	0.00
09/13/12	19.50	25.00	5.50
10/23/12	19.31	21.51	2.20
10/24/12	ND	19.67	0.00
11/15/12	ND	16.92	0.00
12/13/12	ND	22.20	0.00
03/15/13	14.72	14.74	0.02
04/26/13	17.31	25.64	8.33
05/17/13	19.63	19.66	0.03
06/28/13	ND	17.62	0.00
07/26/13	18.88	20.31	1.43
08/30/13	19.52	20.10	0.58
09/27/13	19.75	19.76	0.01
10/18/13	20.19	20.20	0.01
11/22/13	ND	20.30	0.00
12/26/13	ND	19.12	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-301D

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/28/13	ND	14.36	0.00
07/26/13	ND	15.51	0.00
08/30/13	ND	16.26	0.00
09/27/13	ND	16.46	0.00
10/18/13	ND	16.74	0.00
11/22/13	ND	16.73	0.00
12/26/13	ND	16.34	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

GES-302S

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/28/13	ND	9.28	0.00
11/22/13	ND	14.99	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-302I

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
02/24/04	ND	22.05	0.00
04/22/04	ND	21.45	0.00
04/29/04	ND	21.45	0.00
05/13/04	ND	18.27	0.00
05/20/04	ND	22.55	0.00
06/11/04	ND	22.72	0.00
07/22/04	ND	21.56	0.00
07/26/04	ND	22.61	0.00
07/29/04	ND	21.56	0.00
08/02/04	ND	20.55	0.00
08/05/04	ND	23.00	0.00
08/09/04	ND	22.79	0.00
08/19/04	ND	20.67	0.00
08/23/04	ND	21.29	0.00
08/26/04	ND	21.91	0.00
08/30/04	ND	21.69	0.00
09/09/04	ND	20.41	0.00
09/13/04	ND	22.07	0.00
09/16/04	ND	22.29	0.00
09/27/04	18.16	25.05	6.89
09/30/04	18.24	18.33	0.09
10/05/04	ND	21.65	0.00
10/11/04	ND	21.30	0.00
10/14/04	ND	21.32	0.00
10/21/04	ND	19.95	0.00
10/25/04	ND	24.05	0.00
10/28/04	NM	NM	NM
11/15/04	ND	22.68	0.00
01/12/05	ND	22.30	0.00
01/08/00	ND	19.47	0.00
02/21/05	ND	20.25	0.00
03/02/05	ND	19.43	0.00
04/11/05	ND	19.90	0.00
04/15/05	ND	13.68	0.00
06/27/05	ND	15.82	0.00
09/26/05	ND	21.69	0.00
09/30/05	ND	20.81	0.00
07/10/12	ND	19.34	0.00
12/14/12	ND	19.23	0.00
03/15/13	ND	17.52	0.00
06/28/13	ND	17.04	0.00
10/18/13	ND	19.10	0.00
11/22/13	ND	19.11	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM = Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

GES-302D

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/28/13	ND	13.10	0.00
11/22/13	ND	15.69	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-319S

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
02/26/04	ND	27.25	0.00
04/15/04	ND	14.04	0.00
04/22/04	ND	14.93	0.00
04/29/04	ND	14.57	0.00
05/13/04	ND	14.14	0.00
05/20/04	ND	15.15	0.00
06/11/04	ND	14.58	0.00
08/30/04	ND	16.14	0.00
10/05/04	ND	15.08	0.00
02/21/05	ND	14.69	0.00
04/11/05	ND	14.95	0.00
04/15/05	ND	13.67	0.00
08/09/05	ND	16.57	0.00
09/26/05	ND	17.65	0.00
09/30/05	ND	17.54	0.00
12/23/08	15.13	15.14	0.01
01/20/09	ND	14.05	0.00
02/18/09	ND	14.45	0.00
03/13/09	ND	14.11	0.00
04/09/09	ND	13.80	0.00
06/23/09	ND	13.87	0.00
07/24/09	ND	13.97	0.00
08/28/09	ND	13.12	0.00
09/28/09	ND	14.20	0.00
10/21/09	ND	15.03	0.00
11/25/09	ND	14.72	0.00
12/14/09	NM	NM	NM
02/02/10	ND	14.76	0.00
03/18/10	ND	14.00	0.00
01/08/00	ND	14.07	0.00
05/27/10	ND	15.03	0.00
08/19/10	ND	16.98	0.00
12/22/10	ND	15.21	0.00
03/22/11	ND	13.61	0.00
07/28/11	ND	15.04	0.00
11/17/11	ND	13.70	0.00
02/07/12	ND	13.25	0.00
05/14/12	ND	14.79	0.00
07/10/12	ND	16.25	0.00
08/24/12	ND	17.10	0.00
10/26/12	ND	16.71	0.00
11/15/12	ND	16.46	0.00
06/28/13	ND	13.89	0.00

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

GES-319S

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
07/26/13	ND	15.06	0.00
08/30/13	ND	15.86	0.00
09/27/13	ND	15.86	0.00
10/18/13	ND	16.25	0.00
11/22/13	ND	16.31	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GT-2

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
11/22/13	ND	18.98	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

WI = Well Inaccessible

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GT3

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/18/97	14.67	14.75	0.08
11/25/96	14.94	14.96	0.02
12/19/96	13.28	13.30	0.02
01/31/97	14.16	14.18	0.02
03/06/97	ND	13.90	0.00
04/01/99	13.78	13.80	0.02
11/24/99	15.95	17.05	1.10
01/28/00	15.89	16.80	0.91
02/10/00	16.32	16.66	0.34
04/21/00	13.63	13.90	0.27
08/23/00	ND	13.15	0.00
11/20/00	14.82	14.83	0.01
12/29/00	14.76	14.78	0.02
01/29/01	15.65	16.21	0.56
07/11/01	13.93	14.04	0.11
10/12/01	15.10	15.89	0.79
08/20/02	ND	16.89	0.00
12/11/02	14.50	15.69	1.19
05/29/03	ND	17.65	0.00
12/03/03	ND	DRY	0.00
07/12/12	ND	DRY	0.00
10/26/12	ND	17.63	0.00
11/15/12	ND	DRY	0.00
12/13/12	ND	17.70	0.00
03/15/13	WI	WI	WI
04/26/13	ND	17.20	0.00
05/17/13	ND	17.59	0.00
07/26/13	ND	17.60	0.00
10/18/13	ND	DRY	0.00
11/22/13	ND	17.60	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

WI = Well Inaccessible

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GT-5

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
04/21/00	13.05	13.22	0.17
08/23/00	ND	12.67	0.00
07/11/01	ND	12.52	0.00
10/12/01	ND	15.59	0.00
08/20/02	15.57	15.58	0.01
12/11/02	ND	13.85	0.00
05/29/03	ND	17.20	0.00
02/24/04	ND	18.43	0.00
03/27/08	ND	13.03	0.00
07/12/12	ND	18.01	0.00
12/13/12	ND	17.92	0.00
03/15/13	WI	WI	WI
04/26/13	ND	16.47	0.00
05/17/13	ND	17.09	0.00
07/26/13	ND	16.78	0.00
10/18/13	ND	17.10	0.00
11/22/13	ND	18.00	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

WI = Well Inaccessible

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GT6

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/18/96	14.82	14.86	0.04
11/25/96	14.87	14.91	0.04
12/19/96	13.45	13.49	0.04
01/31/97	14.31	14.34	0.03
03/06/97	ND	13.81	0.00
04/01/99	ND	14.14	0.00
11/24/99	ND	15.69	0.00
01/28/00	15.97	15.99	0.02
04/21/00	13.28	13.43	0.15
08/23/00	13.86	13.89	0.03
11/20/00	14.95	14.98	0.03
01/29/01	15.59	16.02	0.43
07/11/01	14.27	14.30	0.03
10/12/01	16.22	16.23	0.01
08/20/02	16.41	16.42	0.01
05/29/03	19.00	19.10	0.10
12/02/03	ND	17.20	0.00
02/27/04	20.44	20.46	0.02
08/30/04	20.17	20.39	0.22
10/05/04	19.56	19.76	0.20
04/11/05	15.88	16.18	0.30
04/14/05	16.30	16.46	0.16
04/25/05	16.35	16.50	0.15
05/09/05	18.40	18.50	0.10
05/31/05	18.36	18.49	0.13
06/06/05	18.40	18.51	0.11
06/13/05	NM	NM	NM
06/27/05	18.57	18.69	0.12
07/25/05	18.62	18.74	0.12
01/08/00	19.26	19.32	0.06
09/26/05	19.60	19.71	0.11
09/30/05	19.40	19.51	0.11
04/26/06	16.96	17.07	0.11
05/10/06	17.62	17.74	0.12
06/26/06	16.71	16.82	0.11
07/24/06	17.63	17.80	0.17
08/23/06	17.94	17.98	0.04
09/21/06	18.26	18.32	0.06
11/16/06	16.56	16.60	0.04
12/19/06	17.05	17.09	0.04
01/09/07	18.11	18.13	0.02
04/27/07	15.52	15.54	0.02
05/17/07	16.45	16.46	0.01
06/26/07	17.84	17.89	0.05

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GT6

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
07/20/07	17.96	18.00	0.04
08/07/07	18.22	19.51	1.29
09/09/07	18.69	18.74	0.05
11/12/07	18.13	18.21	0.08
03/27/08	15.40	15.44	0.04
04/28/08	15.93	15.95	0.02
05/08/08	16.06	16.09	0.03
06/17/08	16.39	16.40	0.01
07/25/08	ND	16.05	0.00
08/22/08	17.34	17.35	0.01
09/24/08	ND	17.63	0.00
10/16/08	17.93	17.95	0.02
11/13/08	16.85	16.86	0.01
12/23/08	16.61	16.62	0.01
04/09/09	15.79	15.80	0.01
05/28/09	ND	17.03	0.00
06/23/09	15.65	15.69	0.04
07/24/09	16.08	16.09	0.01
08/28/09	16.02	16.03	0.01
09/28/09	ND	16.81	0.00
10/21/09	ND	17.38	0.00
11/25/09	16.85	16.86	0.01
03/18/10	ND	16.01	0.00
04/28/10	ND	16.57	0.00
05/27/10	ND	17.56	0.00
08/19/10	ND	18.73	0.00
12/22/10	ND	17.21	0.00
03/22/11	ND	15.46	0.00
07/28/11	ND	17.06	0.00
11/17/11	ND	15.00	0.00
02/07/12	ND	16.05	0.00
05/14/12	ND	16.75	0.00
07/12/12	ND	18.33	0.00
08/24/12	ND	18.60	0.00
10/25/12	ND	18.12	0.00
11/15/12	ND	18.00	0.00
11/22/13	ND	18.00	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

RW-2

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
01/28/00	16.05	17.50	1.45
03/30/00	14.95	16.33	1.38
04/21/00	14.39	14.52	0.13
08/23/00	13.65	13.69	0.04
11/20/00	ND	15.22	0.00
01/29/01	16.00	17.10	1.10
07/11/01	14.57	15.59	1.02
10/12/01	17.22	17.30	0.08
08/20/02	ND	17.58	0.00
12/11/02	ND	16.45	0.00
05/29/03	ND	18.60	0.00
08/10/05	ND	19.38	0.00
07/25/08	ND	16.13	0.00
07/10/12	ND	18.85	0.00
12/13/12	ND	19.00	0.00
03/15/13	ND	17.46	0.00
06/28/13	ND	16.03	0.00
08/30/13	ND	18.20	0.00
09/27/13	ND	18.15	0.00
10/18/13	ND	18.70	0.00
12/26/13	ND	17.84	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)
DTW = Depth to Water (Ft below top of riser pipe)
NA = Not Applicable
ND = NAPL not detected
NM - Not Monitored
NAPL = Non Aqueous Phase Liquid
█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

RW-3

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
01/28/00	15.32	16.96	1.64
03/30/00	13.52	14.30	0.78
04/21/00	14.09	14.60	0.51
08/23/00	ND	13.66	0.00
11/20/00	14.82	14.83	0.01
01/29/01	15.72	16.18	0.46
07/11/01	14.34	14.55	0.21
10/12/01	15.87	16.07	0.20
08/20/02	16.15	16.16	0.01
12/11/02	14.15	15.65	1.50
05/29/03	ND	DRY	0.00
07/10/12	ND	17.25	0.00
10/26/12	ND	17.00	0.00
11/16/12	ND	17.02	0.00
12/14/12	ND	18.54	0.00
03/15/13	ND	15.31	0.00
06/28/13	ND	9.33	0.00
08/30/13	ND	15.84	0.00
09/27/13	ND	15.16	0.00
10/18/13	ND	17.04	0.00
12/26/13	ND	17.61	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)
DTW = Depth to Water (Ft below top of riser pipe)
NA = Not Applicable
ND = NAPL not detected
NM - Not Monitored
NAPL = Non Aqueous Phase Liquid
= NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

MW-404

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
11/22/13	ND	17.40	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

APPENDIX B
Historical Soil Analytical Data

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date														
	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	F-O B	F-O N	U-O B	F-O/U-O W	U-O S	F-O/U-O E	HYD-1	HYD-2
								8	7	8	8	8	8	4	4
	Applicable Soil Category							S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/20/2000	10/20/2000
VPH															
Benzene	30	30	200	200	700	900	9,000	--	--	--	--	--	--	--	--
Toluene	500	500	1,000	1,000	2,000	3,000	10,000	--	--	--	--	--	--	--	--
Ethylbenzene	500	500	1,000	1,000	1,000	3,000	10,000	--	--	--	--	--	--	--	--
m,p-Xylene ¹	300	500	300	1,000	300	3,000	10,000	--	--	--	--	--	--	--	--
o-Xylene ¹	300	500	300	1,000	300	3,000	10,000	--	--	--	--	--	--	--	--
Methyl tert-Butyl Ether	100	100	100	500	100	500	5,000	--	--	--	--	--	--	--	--
Naphthalene	40	500	40	1,000	40	3,000	10,000	--	--	--	--	--	--	--	--
C ₅ -C ₈ Aliphatic Hydrocarbons	100	100	500	500	500	500	5,000	--	--	--	--	--	--	--	--
C ₉ -C ₁₂ Aliphatic Hydrocarbons	1,000	1,000	3,000	3,000	5,000	5,000	20,000	--	--	--	--	--	--	--	--
C ₉ -C ₁₀ Aromatic Hydrocarbons	100	100	500	500	500	500	5,000	--	--	--	--	--	--	--	--
EPH															
Acenaphthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.55 UJ	<0.58 UJ	<0.57 UJ	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Acenaphthylene	600	10	600	10	600	10	10,000	<0.55 UJ	<0.58 UJ	<0.57 UJ	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Anthracene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.55 UJ	<0.58 UJ	0.75 J	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Benzo(a)anthracene	7	7	40	40	300	300	3,000	<0.55 UJ	<0.58 UJ	2.1 J	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Benzo(a)pyrene	2	2	4	4	30	30	300	0.77 J	<0.58 UJ	3.2 J	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Benzo(b)fluoranthene	7	7	40	40	300	300	3,000	0.99 J	<0.58 UJ	4.6 J	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	0.58 J	<0.58 UJ	2.2 J	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Benzo(k)fluoranthene	70	70	400	400	3,000	3,000	10,000	<0.55 UJ	<0.58 UJ	<0.57 UJ	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Chrysene	70	70	400	400	3,000	3,000	10,000	<0.55 UJ	<0.58 UJ	2.0 J	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Dibenzo(a,h)anthracene	0.7	0.7	4	4	30	30	300	<0.55 UJ	<0.58 UJ	<0.57 UJ	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Fluoranthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	0.6 J	<0.58 UJ	5.2 J	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Fluorene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.55 UJ	<0.58 UJ	<0.57 UJ	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Indeno(1,2,3-cd)pyrene	7	7	40	40	300	300	3,000	<0.55 UJ	<0.58 UJ	2.0 J	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
2-Methylnaphthalene	80	300	80	500	80	500	5,000	<0.55 UJ	<0.58 UJ	<0.57 UJ	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Naphthalene	40	500	40	1,000	40	3,000	10,000	<0.55 UJ	<0.58 UJ	<0.57 UJ	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Phenanthrene	500	500	1,000	1,000	3,000	3,000	10,000	<0.55 UJ	<0.58 UJ	2.7 J	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
Pyrene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	0.63 J	<0.58 UJ	4.4 J	<0.55 UJ	<0.58 UJ	<0.55 UJ	<0.52	<0.59
C9-C18 Aliphatics	1,000	1,000	3,000	3,000	5,000	5,000	20,000	<3.3 UJ	<3.5 UJ	10 J	<3.3 UJ	<3.5 UJ	<3.3 UJ	<3.1	33
C19-C36 Aliphatics	3,000	3,000	5,000	5,000	5,000	5,000	20,000	<5.5 J	<5.8 UJ	26 J	<5.5 UJ	<5.8 UJ	<5.5 UJ	69	200
C11-C22 Aromatics	1,000	1,000	3,000	3,000	5,000	5,000	10,000	22 UJ	<4.6 UJ	70 J	<4.4 UJ	<4.7 UJ	<4.4 UJ	8 J	54 J

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date							
								F-O B	F-O N	U-O B	F-O/U-O W	U-O S	F-O/U-O E	HYD-1	HYD-2
								8	7	8	8	8	8	4	4
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/19/2000	10/20/2000	10/20/2000
Metals															
Antimony	20	20	30	30	30	30	300	--	--	--	--	--	--	--	--
Arsenic	20	20	20	20	20	20	200	--	--	--	--	--	--	--	--
Barium	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--
Beryllium	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--	--
Cadmium	2	2	30	30	30	30	300	--	--	--	--	--	--	--	--
Chromium	30	30	200	200	200	200	2,000	--	--	--	--	--	--	--	--
Lead	300	300	300	300	300	300	3,000	--	--	--	--	--	--	--	--
Mercury	20	20	30	30	30	30	300	--	--	--	--	--	--	--	--
Nickel	20	20	700	700	700	700	7,000	--	--	--	--	--	--	--	--
Selenium	400	400	800	800	800	800	8,000	--	--	--	--	--	--	--	--
Silver	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--	--
Thallium	8	8	60	60	80	80	800	--	--	--	--	--	--	--	--
Vanadium	600	600	1,000	1,000	1,000	1,000	10,000	--	--	--	--	--	--	--	--
Zinc	2,500	2,500	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--

Notes:

All units are in mg/kg.

Depths are in units of feet below ground surface.

Bolded indicates parameter exceeds applicable MCP Method 1 Standards.

Shaded indicates parameter exceeds Upper Concentration Limit (UCL)

Italics indicate an undetected analyte where reporting limit exceeds S-1

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

I: Listed standards are for xylenes, mixed isomers.

R: Datum rejected based on validation.

J: Datum qualified as estimated based on validation.

UJ: Non-detected datum qualified as estimated based on validation.

U: Dated qualified as not detected based on validation.

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date									
								HYD-3	O/W-N	O/W-S	O/W-W	O/W-B	O/W-E	GES-201	GES-202	GES-203	GES-204
								4	18	18	17	18	18	14-16	16-18	15-17	16-18
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-2 & S-3/GW-3	S-3/GW-3	
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	10/20/2000	10/30/2000	10/30/2000	10/25/2000	10/30/2000	10/30/2000	10/8/2002	10/8/2002	10/8/2002	10/8/2002
VPH																	
Benzene	30	30	200	200	700	900	9,000	--	--	--	--	--	--	--	--	--	--
Toluene	500	500	1,000	1,000	2,000	3,000	10,000	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	500	500	1,000	1,000	1,000	3,000	10,000	--	--	--	--	--	--	--	--	--	--
m,p-Xylene ¹	300	500	300	1,000	300	3,000	10,000	--	--	--	--	--	--	--	--	--	--
o-Xylene ¹	300	500	300	1,000	300	3,000	10,000	--	--	--	--	--	--	--	--	--	--
Methyl tert-Butyl Ether	100	100	100	500	100	500	5,000	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	500	40	1,000	40	3,000	10,000	--	--	--	--	--	--	--	--	--	--
C ₅ -C ₈ Aliphatic Hydrocarbons	100	100	500	500	500	500	5,000	--	--	--	--	--	--	--	--	--	--
C ₉ -C ₁₂ Aliphatic Hydrocarbons	1,000	1,000	3,000	3,000	5,000	5,000	20,000	--	--	--	--	--	--	--	--	--	--
C ₉ -C ₁₀ Aromatic Hydrocarbons	100	100	500	500	500	500	5,000	--	--	--	--	--	--	--	--	--	--
EPH																	
Acenaphthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.51	<0.54 UJ	<0.56 UJ	<0.57 UJ	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
Acenaphthylene	600	10	600	10	600	10	10,000	<0.51	<0.54 UJ	<0.56 UJ	<0.57 UJ	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
Anthracene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.51	<0.54 UJ	<0.56 UJ	<0.57 UJ	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
Benzo(a)anthracene	7	7	40	40	300	300	3,000	<0.51	<0.54 UJ	<0.56 UJ	<0.57 UJ	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
Benzo(a)pyrene	2	2	4	4	30	30	300	<0.51	<0.54 UJ	<0.56 UJ	0.88 J	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
Benzo(b)fluoranthene	7	7	40	40	300	300	3,000	<0.51	0.58 J	<0.56 UJ	1.1 J	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.51	<0.54 UJ	<0.56 UJ	0.6 J	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
Benzo(k)fluoranthene	70	70	400	400	3,000	3,000	10,000	<0.51	<0.54 UJ	<0.56 UJ	<0.57 UJ	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
Chrysene	70	70	400	400	3,000	3,000	10,000	<0.51	<0.54 UJ	<0.56 UJ	<0.57 UJ	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
Dibenzo(a,h)anthracene	0.7	0.7	4	4	30	30	300	<0.51	<0.54 UJ	<0.56 UJ	<0.57 UJ	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
Fluoranthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.51	<0.54 UJ	<0.56 UJ	0.64 J	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
Fluorene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.51	<0.54 UJ	<0.56 UJ	<0.57 UJ	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
Indeno(1,2,3-cd)pyrene	7	7	40	40	300	300	3,000	<0.51	<0.54 UJ	<0.56 UJ	<0.57 UJ	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
2-Methylnaphthalene	80	300	80	500	80	500	5,000	<0.51	<0.54 UJ	<0.56 UJ	<0.57 UJ	<0.56 UJ	<0.58 UJ	1.67	<0.56	<0.56	<0.57
Naphthalene	40	500	40	1,000	40	3,000	10,000	<0.51	<0.54 UJ	<0.56 UJ	<0.57 UJ	<0.56 UJ	<0.58 UJ	1.13	<0.56	<0.56	<0.57
Phenanthrene	500	500	1,000	1,000	3,000	3,000	10,000	<0.51	<0.54 UJ	<0.56 UJ	<0.57 UJ	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
Pyrene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.51	<0.54 UJ	<0.56 UJ	0.68 J	<0.56 UJ	<0.58 UJ	<0.56	<0.56	<0.56	<0.57
C9-C18 Aliphatics	1,000	1,000	3,000	3,000	5,000	5,000	20,000	67	9.2 J	<3.4 UJ	21 J	<3.4 UJ	12 J	25	<6.7	13.7	7.29
C19-C36 Aliphatics	3,000	3,000	5,000	5,000	5,000	5,000	20,000	520	54 J	<5.6 UJ	56 J	<5.6 UJ	22 J	<9.0	<9.0	<9.0	<9.1
C11-C22 Aromatics	1,000	1,000	3,000	3,000	5,000	5,000	10,000	110 J	44 J	<4.5 UJ	41 J	<4.5 UJ	<4.6 UJ	<19	<19	<19	<19

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date									
								HYD-3	O/W-N	O/W-S	O/W-W	O/W-B	O/W-E	GES-201	GES-202	GES-203	GES-204
								4	18	18	17	18	18	14-16	16-18	15-17	16-18
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-2 & S-3/GW-3	S-3/GW-3	
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	10/20/2000	10/30/2000	10/30/2000	10/25/2000	10/30/2000	10/30/2000	10/8/2002	10/8/2002	10/8/2002	10/8/2002
Metals																	
Antimony	20	20	30	30	30	30	300	--	--	--	--	--	--	--	--	--	--
Arsenic	20	20	20	20	20	20	200	--	--	--	--	--	--	--	--	--	--
Barium	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--	--
Beryllium	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--	--
Cadmium	2	2	30	30	30	30	300	--	--	--	--	--	--	--	--	--	--
Chromium	30	30	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--	--
Lead	300	300	300	300	300	300	3,000	--	--	--	--	--	--	--	--	--	--
Mercury	20	20	30	30	30	30	300	--	--	--	--	--	--	--	--	--	--
Nickel	20	20	700	700	700	700	7,000	--	--	--	--	--	--	--	--	--	--
Selenium	400	400	800	800	800	800	8,000	--	--	--	--	--	--	--	--	--	--
Silver	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--	--
Thallium	8	8	60	60	80	80	800	--	--	--	--	--	--	--	--	--	--
Vanadium	600	600	1,000	1,000	1,000	1,000	10,000	--	--	--	--	--	--	--	--	--	--
Zinc	2,500	2,500	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--	--

Notes:

All units are in mg/kg.

Depths are in units of feet below ground surface.

Bolded indicates parameter exceeds applicable MCP Method 1 Standards.

Shaded indicates parameter exceeds Upper Concentration Limit (UCL)

Italics indicate an undetected analyte where reporting limit exceeds S-1

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

1: Listed standards are for xylenes, mixed isomers.

R: Datum rejected based on validation.

J: Datum qualified as estimated based on validation.

UJ: Non-detected datum qualified as estimated based on validation.

U: Dated qualified as not detected based on validation.

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date									
								GES-205	GES-206	GES-207	GES-208	GES-301	GES-301	GES-301	GES-302	GES-302	GES-302
								16-18	22-24	18-20	12-14	15-15.5	24-24.5	32-32.5	11-11.5	14-14.5	24-24.5
								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	10/9/2002	10/9/2002	10/9/2002	10/9/2002	1/12/2004	1/12/2004	1/12/2004	1/7/2004	1/7/2004	1/7/2004
VPH																	
Benzene	30	30	200	200	700	900	9,000	--	--	--	--	--	--	--	--	--	--
Toluene	500	500	1,000	1,000	2,000	3,000	10,000	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	500	500	1,000	1,000	1,000	3,000	10,000	--	--	--	--	--	--	--	--	--	--
m,p-Xylene ¹	300	500	300	1,000	300	3,000	10,000	--	--	--	--	--	--	--	--	--	--
o-Xylene ¹	300	500	300	1,000	300	3,000	10,000	--	--	--	--	--	--	--	--	--	--
Methyl tert-Butyl Ether	100	100	100	500	100	500	5,000	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	500	40	1,000	40	3,000	10,000	--	--	--	--	--	--	--	--	--	--
C ₅ -C ₈ Aliphatic Hydrocarbons	100	100	500	500	500	500	5,000	--	--	--	--	--	--	--	--	--	--
C ₉ -C ₁₂ Aliphatic Hydrocarbons	1,000	1,000	3,000	3,000	5,000	5,000	20,000	--	--	--	--	--	--	--	--	--	--
C ₉ -C ₁₀ Aromatic Hydrocarbons	100	100	500	500	500	500	5,000	--	--	--	--	--	--	--	--	--	--
EPH																	
Acenaphthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Acenaphthylene	600	10	600	10	600	10	10,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Anthracene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Benzo(a)anthracene	7	7	40	40	300	300	3,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Benzo(a)pyrene	2	2	4	4	30	30	300	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Benzo(b)fluoranthene	7	7	40	40	300	300	3,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Benzo(k)fluoranthene	70	70	400	400	3,000	3,000	10,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Chrysene	70	70	400	400	3,000	3,000	10,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Dibenzo(a,h)anthracene	0.7	0.7	4	4	30	30	300	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Fluoranthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Fluorene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	7	7	40	40	300	300	3,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
2-Methylnaphthalene	80	300	80	500	80	500	5,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Naphthalene	40	500	40	1,000	40	3,000	10,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Phenanthrene	500	500	1,000	1,000	3,000	3,000	10,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
Pyrene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.56	<0.54	<0.56	<0.56	--	--	--	--	--	--
C9-C18 Aliphatics	1,000	1,000	3,000	3,000	5,000	5,000	20,000	9.42	15.1	7.52	22.0	--	--	--	--	--	--
C19-C36 Aliphatics	3,000	3,000	5,000	5,000	5,000	5,000	20,000	9.64	11.8	<9.0	16.7	--	--	--	--	--	--
C11-C22 Aromatics	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<19	<18	<19	22.2	--	--	--	--	--	--

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date									
								GES-205	GES-206	GES-207	GES-208	GES-301	GES-301	GES-301	GES-302	GES-302	GES-302
								16-18	22-24	18-20	12-14	15-15.5	24-24.5	32-32.5	11-11.5	14-14.5	24-24.5
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	10/9/2002	10/9/2002	10/9/2002	10/9/2002	1/12/2004	1/12/2004	1/12/2004	1/7/2004	1/7/2004	1/7/2004
Metals																	
Antimony	20	20	30	30	30	30	300	--	--	--	--	<0.62 UJ	<0.65 UJ	<0.68 UJ	<0.62 UJ	<0.65 UJ	<0.62 UJ
Arsenic	20	20	20	20	20	20	200	--	--	--	--	6.0	3.7	4.2	4.1	5.3	5.9
Barium	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	30.3	43.2	<23	<21	22.2	28.0
Beryllium	100	100	200	200	200	200	2,000	--	--	--	--	<0.41	0.55	0.61	<0.41	<0.43	<0.42
Cadmium	2	2	30	30	30	30	300	--	--	--	--	<0.41	<0.44	<0.45	<0.41	<0.43	<0.42
Chromium	30	30	200	200	200	200	2,000	--	--	--	--	6.2	9.0	4.1	9.9	5.3	8.4
Lead	300	300	300	300	300	300	3,000	--	--	--	--	13.0	8.5	9.4	16.0	5.7	9.6
Mercury	20	20	30	30	30	30	300	--	--	--	--	<0.037	<0.034	<0.033	<0.035	<0.035	<0.036
Nickel	20	20	700	700	700	700	7,000	--	--	--	--	16.1	15.6	12.2	23.1	13.8	18.5
Selenium	400	400	800	800	800	800	8,000	--	--	--	--	<1.0	<1.1	<1.1	<1.0	<1.1	<1.0
Silver	100	100	200	200	200	200	2,000	--	--	--	--	<0.51	<0.54	<0.57	<0.52	<0.54	<0.52
Thallium	8	8	60	60	80	80	800	--	--	--	--	<1.0	<1.1	<1.1	<1.0	<1.1	<1.0
Vanadium	600	600	1,000	1,000	1,000	1,000	10,000	--	--	--	--	6.7	12.2	5.8	8.1	5.7	7.5
Zinc	2,500	2,500	3,000	3,000	5,000	5,000	10,000	--	--	--	--	54.4	40.8	36.5	57.4	42.7	52.1

Notes:

All units are in mg/kg.

Depths are in units of feet below ground surface.

Bolded indicates parameter exceeds applicable MCP Method 1 Standards.

Shaded indicates parameter exceeds Upper Concentration Limit (UCL)

Italics indicate an undetected analyte where reporting limit exceeds S-1

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

I: Listed standards are for xylenes, mixed isomers.

R: Datum rejected based on validation.

J: Datum qualified as estimated based on validation.

UJ: Non-detected datum qualified as estimated based on validation.

U: Dated qualified as not detected based on validation.

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date										
								GES-303	GES-304	GES-304	GES-304	GES-310	GES-310	GES-310	GES-311	GES-311	GES-311	
								13-15	15-15.5	20-20.5	24.5-25	12-14	18-20	22-24	11-13	19-21	23-25	
								S-3/GW-3	S-3/GW-2 & S-3/GW-3	S-3/GW-2 & S-3/GW-3	S-3/GW-2 & S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	1/26/2004	1/4/2004	1/4/2004	1/4/2004	1/21/2004	1/21/2004	1/21/2004	1/22/2004	1/22/2004	1/22/2004	
VPH																		
Benzene	30	30	200	200	700	900	9,000	--	--	--	--	--	--	--	--	--	--	--
Toluene	500	500	1,000	1,000	2,000	3,000	10,000	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	500	500	1,000	1,000	1,000	3,000	10,000	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene ¹	300	500	300	1,000	300	3,000	10,000	--	--	--	--	--	--	--	--	--	--	--
o-Xylene ¹	300	500	300	1,000	300	3,000	10,000	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-Butyl Ether	100	100	100	500	100	500	5,000	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	500	40	1,000	40	3,000	10,000	--	--	--	--	--	--	--	--	--	--	--
C ₅ -C ₈ Aliphatic Hydrocarbons	100	100	500	500	500	500	5,000	--	--	--	--	--	--	--	--	--	--	--
C ₉ -C ₁₂ Aliphatic Hydrocarbons	1,000	1,000	3,000	3,000	5,000	5,000	20,000	--	--	--	--	--	--	--	--	--	--	--
C ₉ -C ₁₀ Aromatic Hydrocarbons	100	100	500	500	500	500	5,000	--	--	--	--	--	--	--	--	--	--	--
EPH																		
Acenaphthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Acenaphthylene	600	10	600	10	600	10	10,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Anthracene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Benzo(a)anthracene	7	7	40	40	300	300	3,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Benzo(a)pyrene	2	2	4	4	30	30	300	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Benzo(b)fluoranthene	7	7	40	40	300	300	3,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Benzo(k)fluoranthene	70	70	400	400	3,000	3,000	10,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Chrysene	70	70	400	400	3,000	3,000	10,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Dibenzo(a,h)anthracene	0.7	0.7	4	4	30	30	300	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Fluoranthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Fluorene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Indeno(1,2,3-cd)pyrene	7	7	40	40	300	300	3,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
2-Methylnaphthalene	80	300	80	500	80	500	5,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Naphthalene	40	500	40	1,000	40	3,000	10,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Phenanthrene	500	500	1,000	1,000	3,000	3,000	10,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
Pyrene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.55	--	--	--	<0.54	<0.57	<0.55	<0.52	<0.54	<0.61	<0.61
C9-C18 Aliphatics	1,000	1,000	3,000	3,000	5,000	5,000	20,000	<6.6	--	--	--	62.7	8.16	<6.6	70.6	<6.5	28.8	28.8
C19-C36 Aliphatics	3,000	3,000	5,000	5,000	5,000	5,000	20,000	16.9	--	--	--	49.5	<9.1	<8.7	60.7	<8.6	16.4	16.4
C11-C22 Aromatics	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<19	--	--	--	42.2	<19	<19	43.7	<18	31.3	31.3

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters Applicable Soil Category (mg/kg)	S-1/ GW-2 (mg/kg)	S-1/ GW-3 (mg/kg)	S-2/ GW-2 (mg/kg)	S-2/ GW-3 (mg/kg)	S-3/ GW-2 (mg/kg)	S-3/ GW-3 (mg/kg)	UCLs (mg/kg)	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date											
								GES-303 13-15 S-3/GW-3	GES-304 15-15.5 S-3/GW-2 & S-3/GW-3	GES-304 20-20.5 S-3/GW-2 & S-3/GW-3	GES-304 24.5-25 S-3/GW-2 & S-3/GW-3	GES-310 12-14 S-3/GW-3	GES-310 18-20 S-3/GW-3	GES-310 22-24 S-3/GW-3	GES-311 11-13 S-3/GW-3	GES-311 19-21 S-3/GW-3	GES-311 23-25 S-3/GW-3		
								1/26/2004	1/4/2004	1/4/2004	1/4/2004	1/21/2004	1/21/2004	1/21/2004	1/22/2004	1/22/2004	1/22/2004		
Metals																			
Antimony	20	20	30	30	30	30	300	<0.65 UJ	<0.63 UJ	<0.62 UJ	<0.66 UJ	<0.65 UJ	<0.66 UJ	<0.69 UJ	<0.61 UJ	<0.66 UJ	<0.74 UJ		
Arsenic	20	20	20	20	20	20	200	6.4	7.2	7.6	2.4	5.4	5.8	5.5	7.8	6.2	4.5		
Barium	1,000	1,000	3,000	3,000	5,000	5,000	10,000	35.7	26.7	44.6	143	33.1	24.1	32.7	<20	23.0	33.9		
Beryllium	100	100	200	200	200	200	2,000	0.43	<0.42	<0.42	2.2	0.51	<0.44	<0.46	<0.41	<0.44	0.73		
Cadmium	2	2	30	30	30	30	300	<0.43	<0.42	<0.42	<0.88	<0.43	<0.44	<0.46	<0.41	<0.44	<0.49		
Chromium	30	30	200	200	200	200	2,000	7.7	7.5	8.4	49.8	11.6	7.0	7.4	9.0	6.1	13.0		
Lead	300	300	300	300	300	300	3,000	8.1	7.6	8.5	13.6	14.6 J	9.2 J	7.6 J	14.1 J	10.9 J	10.1 J		
Mercury	20	20	30	30	30	30	300	--	<0.035	<0.034	<0.037	--	--	--	--	--	--		
Nickel	20	20	700	700	700	700	7,000	19.3 J	19.3	21.7	58.9	18.4	15.9	17.6	19.9	14.0	41.3		
Selenium	400	400	800	800	800	800	8,000	<1.1	<1.1	<1.0	1.2	<1.1	<1.1	<1.1	<1.0	<1.1	<1.2		
Silver	100	100	200	200	200	200	2,000	<0.54	<0.53	<0.52	<0.55	<0.54	<0.55	<0.57	<0.51	<0.55	<0.61		
Thallium	8	8	60	60	80	80	800	<1.1	<1.1	<1.0	<2.2	<1.1	<1.1	<1.1	<3.1	<1.1	<1.2		
Vanadium	600	600	1,000	1,000	1,000	1,000	10,000	7.7	7.0	8.2	73.9	13.5	7.7	9.3	8.5	7.0	19.6		
Zinc	2,500	2,500	3,000	3,000	5,000	5,000	10,000	57.5	56.6	59.3	93.9	59.0	53.8	57.2	54.6	49.8	57.6		

Notes:

All units are in mg/kg.

Depths are in units of feet below ground surface.

Bolded indicates parameter exceeds applicable MCP Method 1 Standards.

Shaded indicates parameter exceeds Upper Concentration Limit (UCL)

Italics indicate an undetected analyte where reporting limit exceeds S-1

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

I: Listed standards are for xylenes, mixed isomers.

R: Datum rejected based on validation.

J: Datum qualified as estimated based on validation.

UJ: Non-detected datum qualified as estimated based on validation.

U: Dated qualified as not detected based on validation.

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date										
								GES-312	GES-314	GES-314	GES-314	GES-316	GES-317	GES-317	GES-317	GES-323	GES-323	
								11-13	17-19	24-26	31-32	33-35	8-10	22-24	32-34	13-15	17-19	
								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	1/20/2004	1/19/2004	1/19/2004	1/19/2004	1/13/2004	1/15/2004	1/15/2004	1/15/2004	1/27/2004	1/27/2004	
VPH																		
Benzene	30	30	200	200	700	900	9,000	--	--	--	--	--	--	--	--	--	--	--
Toluene	500	500	1,000	1,000	2,000	3,000	10,000	--	--	--	--	--	--	--	--	--	--	--
Ethylbenzene	500	500	1,000	1,000	1,000	3,000	10,000	--	--	--	--	--	--	--	--	--	--	--
m,p-Xylene ¹	300	500	300	1,000	300	3,000	10,000	--	--	--	--	--	--	--	--	--	--	--
o-Xylene ¹	300	500	300	1,000	300	3,000	10,000	--	--	--	--	--	--	--	--	--	--	--
Methyl tert-Butyl Ether	100	100	100	500	100	500	5,000	--	--	--	--	--	--	--	--	--	--	--
Naphthalene	40	500	40	1,000	40	3,000	10,000	--	--	--	--	--	--	--	--	--	--	--
C ₅ -C ₈ Aliphatic Hydrocarbons	100	100	500	500	500	500	5,000	--	--	--	--	--	--	--	--	--	--	--
C ₉ -C ₁₂ Aliphatic Hydrocarbons	1,000	1,000	3,000	3,000	5,000	5,000	20,000	--	--	--	--	--	--	--	--	--	--	--
C ₉ -C ₁₀ Aromatic Hydrocarbons	100	100	500	500	500	500	5,000	--	--	--	--	--	--	--	--	--	--	--
EPH																		
Acenaphthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.53	<0.52	<0.52	<0.55	<0.54	2.90	<0.52	<0.52	<0.55	<0.56	<0.56
Acenaphthylene	600	10	600	10	600	10	10,000	<0.53	<0.52	<0.52	<0.55	<0.54	<0.64	<0.52	<0.52	<0.55	<0.56	<0.56
Anthracene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.53	<0.52	<0.52	<0.55	<0.54	5.44	<0.52	<0.52	<0.55	<0.56	<0.56
Benzo(a)anthracene	7	7	40	40	300	300	3,000	<0.53	<0.52	<0.52	<0.55	<0.54	9.32	<0.52	<0.52	<0.55	<0.56	<0.56
Benzo(a)pyrene	2	2	4	4	30	30	300	<0.53	<0.52	<0.52	<0.55	<0.54	8.58	<0.52	<0.52	<0.55	<0.56	<0.56
Benzo(b)fluoranthene	7	7	40	40	300	300	3,000	<0.53	<0.52	<0.52	<0.55	<0.54	9.00	<0.52	<0.52	<0.55	<0.56	<0.56
Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.53	<0.52	<0.52	<0.55	<0.54	4.02	<0.52	<0.52	<0.55	<0.56	<0.56
Benzo(k)fluoranthene	70	70	400	400	3,000	3,000	10,000	<0.53	<0.52	<0.52	<0.55	<0.54	5.93	<0.52	<0.52	<0.55	<0.56	<0.56
Chrysene	70	70	400	400	3,000	3,000	10,000	<0.53	<0.52	<0.52	<0.55	<0.54	9.10	<0.52	<0.52	<0.55	<0.56	<0.56
Dibenzo(a,h)anthracene	0.7	0.7	4	4	30	30	300	<0.53	<0.52	<0.52	<0.55	<0.54	1.12	<0.52	<0.52	<0.55	<0.56	<0.56
Fluoranthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.53	<0.52	<0.52	<0.55	<0.54	17.5	<0.52	<0.52	<0.55	<0.56	<0.56
Fluorene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.53	<0.52	<0.52	<0.55	<0.54	2.55	<0.52	<0.52	<0.55	<0.56	<0.56
Indeno(1,2,3-cd)pyrene	7	7	40	40	300	300	3,000	<0.53	<0.52	<0.52	<0.55	<0.54	4.09	<0.52	<0.52	<0.55	<0.56	<0.56
2-Methylnaphthalene	80	300	80	500	80	500	5,000	<0.53	<0.52	<0.52	<0.55	<0.54	4.49	<0.52	<0.52	0.767	<0.56	<0.56
Naphthalene	40	500	40	1,000	40	3,000	10,000	<0.53	<0.52	<0.52	<0.55	<0.54	1.38	<0.52	<0.52	0.606	<0.56	<0.56
Phenanthrene	500	500	1,000	1,000	3,000	3,000	10,000	<0.53	<0.52	<0.52	<0.55	<0.54	17.1	<0.52	<0.52	<0.55	<0.56	<0.56
Pyrene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.53	<0.52	<0.52	<0.55	<0.54	12.9	<0.52	<0.52	<0.55	<0.56	<0.56
C9-C18 Aliphatics	1,000	1,000	3,000	3,000	5,000	5,000	20,000	8.46	8.82	9.55	8.81	<6.4	304	8.48	16.1	18.60	<6.7	<6.7
C19-C36 Aliphatics	3,000	3,000	5,000	5,000	5,000	5,000	20,000	9.37	14.3	12.0	9.52	<8.6	200	12.0	58.1	<8.7	<9.0	<9.0
C11-C22 Aromatics	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<18	<18	<18	<19	<18	506	<18	26.3	<19	<19	<19

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date									
								GES-312	GES-314	GES-314	GES-314	GES-316	GES-317	GES-317	GES-317	GES-323	GES-323
								11-13	17-19	24-26	31-32	33-35	8-10	22-24	32-34	13-15	17-19
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	1/20/2004	1/19/2004	1/19/2004	1/19/2004	1/13/2004	1/15/2004	1/15/2004	1/15/2004	1/27/2004	1/27/2004
Metals																	
Antimony	20	20	30	30	30	30	300	<0.64 UJ	<0.64 UJ	<0.62 UJ	<0.63 UJ	--	--	--	--	<0.65 UJ	<0.67 UJ
Arsenic	20	20	20	20	20	20	200	5.1	4.4	1.8	2.4	--	--	--	--	5.7	6.1
Barium	1,000	1,000	3,000	3,000	5,000	5,000	10,000	22.0	23.2	<21	36.5	--	--	--	--	27.3	28.4
Beryllium	100	100	200	200	200	200	2,000	<0.43	0.47	0.53	<0.42	--	--	--	--	<0.44	<0.45
Cadmium	2	2	30	30	30	30	300	<0.43	<0.43	<0.41	<0.42	--	--	--	--	<0.44	<0.45
Chromium	30	30	200	200	200	200	2,000	6.0	9.2	1.9	5.0	--	--	--	--	6.4	8.1
Lead	300	300	300	300	300	300	3,000	6.7	8.3	20.9	16.3	--	--	--	--	17.6	9.3
Mercury	20	20	30	30	30	30	300	--	--	--	--	--	--	--	--	--	--
Nickel	20	20	700	700	700	700	7,000	13.6	14.9	6.8	10.2	--	--	--	--	14.6 J	19.3 J
Selenium	400	400	800	800	800	800	8,000	<1.1	<1.1	<1.0	<1.1	--	--	--	--	<1.1	<1.1
Silver	100	100	200	200	200	200	2,000	<0.54	<0.54	<0.52	<0.53	--	--	--	--	<0.55	<0.56
Thallium	8	8	60	60	80	80	800	<1.1	<1.1	<1.0	<1.1	--	--	--	--	<1.1	<1.1
Vanadium	600	600	1,000	1,000	1,000	1,000	10,000	6.5	9.3	5.6	8.4	--	--	--	--	6.2	7.8
Zinc	2,500	2,500	3,000	3,000	5,000	5,000	10,000	48.6	46.6	27.8	28.1	--	--	--	--	47.3	60.7

Notes:

All units are in mg/kg.

Depths are in units of feet below ground surface.

Bolded indicates parameter exceeds applicable MCP Method 1 Standards.

Shaded indicates parameter exceeds Upper Concentration Limit (UCL)

Italics indicate an undetected analyte where reporting limit exceeds S-1

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

I: Listed standards are for xylenes, mixed isomers.

R: Datum rejected based on validation.

J: Datum qualified as estimated based on validation.

UJ: Non-detected datum qualified as estimated based on validation.

U: Dated qualified as not detected based on validation.

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters								Sample No., Sampling Depth, Applicable Soil Category and Sampling Date								
	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	W-4 6-7	W-4 13-15	V-5E 12-15	V-4 12-15	U-2 12-15	U-4S 12-15	TU2 14-15	U3S 14-15	V2 12-15
	Applicable Soil Category							S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3
	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	2/14/2006	2/14/2006	2/14/2006	2/14/2006	2/14/2006	2/14/2006	2/14/2006	2/15/2006	2/15/2006
VPH																
Benzene	30	30	200	200	700	900	9,000	<0.22	1.49 J	<0.16	<0.17	<0.18	R	<0.16	<0.17	<0.17
Toluene	500	500	1,000	1,000	2,000	3,000	10,000	<0.22	542 J	<0.16	<0.17	<0.18	0.506 J	<0.16	<0.17	<0.17
Ethylbenzene	500	500	1,000	1,000	1,000	3,000	10,000	<0.22	24.3 J	<0.16	<0.17	<0.18	8.66 J	0.508	<0.17	<0.17
m,p-Xylene ¹	300	500	300	1,000	300	3,000	10,000	<0.22	934 J	<0.16	<0.17	0.346	28.8 J	0.221	<0.17	<0.17
o-Xylene ¹	300	500	300	1,000	300	3,000	10,000	<0.22	373 J	<0.16	<0.17	<0.18	12.7 J	<0.16	<0.17	<0.17
Methyl tert-Butyl Ether	100	100	100	500	100	500	5,000	<0.087	R	<0.063	<0.068	<0.070	R	<0.065	<0.069	<0.066
Naphthalene	40	500	40	1,000	40	3,000	10,000	<0.22	9.25 J	<0.16	<0.17	<0.18	6.39 J	<0.16	<0.17	<0.17
C ₅ -C ₈ Aliphatic Hydrocarbons	100	100	500	500	500	500	5,000	<4.4	11,100 J	<3.1	<3.4	79.8	217 J	107	<3.5	<3.3
C ₉ -C ₁₂ Aliphatic Hydrocarbons	1,000	1,000	3,000	3,000	5,000	5,000	20,000	<4.4	3,910 J	<3.1	<3.4	79.9	158 J	56.9	<3.5	<3.3
C ₉ -C ₁₀ Aromatic Hydrocarbons	100	100	500	500	500	500	5,000	<4.4	8,220 J	<3.1	<3.4	78.1	6,900 J	66.8	<3.5	<3.3
EPH																
Acenaphthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Acenaphthylene	600	10	600	10	600	10	10,000	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Anthracene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Benzo(a)anthracene	7	7	40	40	300	300	3,000	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Benzo(a)pyrene	2	2	4	4	30	30	300	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Benzo(b)fluoranthene	7	7	40	40	300	300	3,000	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Benzo(k)fluoranthene	70	70	400	400	3,000	3,000	10,000	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Chrysene	70	70	400	400	3,000	3,000	10,000	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Dibenzo(a,h)anthracene	0.7	0.7	4	4	30	30	300	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Fluoranthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Fluorene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Indeno(1,2,3-cd)pyrene	7	7	40	40	300	300	3,000	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
2-Methylnaphthalene	80	300	80	500	80	500	5,000	<0.59	10 J	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Naphthalene	40	500	40	1,000	40	3,000	10,000	<0.59	7.57 J	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Phenanthrene	500	500	1,000	1,000	3,000	3,000	10,000	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
Pyrene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.59	<0.52	<0.53	<0.53	<0.55	<0.52	<0.54	<0.53	<0.55
C9-C18 Aliphatics	1,000	1,000	3,000	3,000	5,000	5,000	20,000	<25	292	<25	<25	40.5	<25	<11	<11	<11
C19-C36 Aliphatics	3,000	3,000	5,000	5,000	5,000	5,000	20,000	32.2	40.3	<30	<30	<30	<30	<11	<11	<11
C11-C22 Aromatics	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<24	49.2	<21	<21	<22	<21	<22	<21	<22

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date								
								W-4	W-4	V-5E	V-4	U-2	U-4S	TU2	U3S	V2
								6-7	13-15	12-15	12-15	12-15	12-15	14-15	14-15	12-15
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	2/14/2006	2/14/2006	2/14/2006	2/14/2006	2/14/2006	2/14/2006	2/15/2006	2/15/2006	2/15/2006
Metals																
Antimony	20	20	30	30	30	30	300	--	--	--	--	--	--	--	--	--
Arsenic	20	20	20	20	20	20	200	--	--	--	--	--	--	--	--	--
Barium	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
Beryllium	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--
Cadmium	2	2	30	30	30	30	300	--	--	--	--	--	--	--	--	--
Chromium	30	30	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--
Lead	300	300	300	300	300	300	3,000	--	--	--	--	--	--	--	--	--
Mercury	20	20	30	30	30	30	300	--	--	--	--	--	--	--	--	--
Nickel	20	20	700	700	700	700	7,000	--	--	--	--	--	--	--	--	--
Selenium	400	400	800	800	800	800	8,000	--	--	--	--	--	--	--	--	--
Silver	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--
Thallium	8	8	60	60	80	80	800	--	--	--	--	--	--	--	--	--
Vanadium	600	600	1,000	1,000	1,000	1,000	10,000	--	--	--	--	--	--	--	--	--
Zinc	2,500	2,500	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--

Notes:

All units are in mg/kg.

Depths are in units of feet below ground surface.

Bolded indicates parameter exceeds applicable MCP Method 1 Standards.

Shaded indicates parameter exceeds Upper Concentration Limit (UCL)

Italics indicate an undetected analyte where reporting limit exceeds S-1

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

I: Listed standards are for xylenes, mixed isomers.

R: Datum rejected based on validation.

J: Datum qualified as estimated based on validation.

UJ: Non-detected datum qualified as estimated based on validation.

U: Dated qualified as not detected based on validation.

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date								
								W2	V3	V1	V99	U99	T1	R1	B-2	B-2
								14-15 S-3/GW-3	14-15 S-3/GW-3	10-12 S-3/GW-2 & S-3/GW-3	12-14 S-2/GW-2 & S-2/GW-3	14-15 S-3/GW-2 & S-3/GW-3	14-15 S-3/GW-3	14-15 S-3/GW-3	14-16 S-3/GW-3	20-22 S-3/GW-3
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	2/15/2006	2/15/2006	2/15/2006	2/15/2006	2/16/2006	2/16/2006	2/16/2006	3/13/2008	3/13/2008
VPH																
Benzene	30	30	200	200	700	900	9,000	<0.19	<0.16	<0.17	<0.18	<0.20	<0.17	<0.17	R	R
Toluene	500	500	1,000	1,000	2,000	3,000	10,000	<0.19	0.575	<0.17	<0.18	<0.20	<0.17	<0.17	R	53.8 J
Ethylbenzene	500	500	1,000	1,000	1,000	3,000	10,000	<0.19	4.56	<0.17	<0.18	<0.20	<0.17	<0.17	36.2 J	42.1 J
m,p-Xylene ¹	300	500	300	1,000	300	3,000	10,000	<0.19	19.1	<0.17	<0.18	<0.20	<0.17	<0.17	127 J	145 J
o-Xylene ¹	300	500	300	1,000	300	3,000	10,000	<0.19	5.53	<0.17	<0.18	<0.20	<0.17	<0.17	24.5 J	54.9 J
Methyl tert-Butyl Ether	100	100	100	500	100	500	5,000	<0.077	<0.065	<0.067	<0.071	<0.080	<0.067	<0.069	<0.13	<0.098
Naphthalene	40	500	40	1,000	40	3,000	10,000	<0.19	2.68	<0.17	<0.18	<0.20	<0.17	<0.17	18.3 J	15.6 J
C ₅ -C ₈ Aliphatic Hydrocarbons	100	100	500	500	500	500	5,000	<3.9	137	<3.3	<3.6	<4.0	<3.4	<3.5	1,470	669
C ₉ -C ₁₂ Aliphatic Hydrocarbons	1,000	1,000	3,000	3,000	5,000	5,000	20,000	<3.9	35.7	<3.3	<3.6	<4.0	<3.4	<3.5	659	366
C ₉ -C ₁₀ Aromatic Hydrocarbons	100	100	500	500	500	500	5,000	<3.9	70.2	<3.3	<3.6	<4.0	<3.4	<3.5	731 J	574 J
EPH																
Acenaphthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Acenaphthylene	600	10	600	10	600	10	10,000	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Anthracene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Benzo(a)anthracene	7	7	40	40	300	300	3,000	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Benzo(a)pyrene	2	2	4	4	30	30	300	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Benzo(b)fluoranthene	7	7	40	40	300	300	3,000	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Benzo(k)fluoranthene	70	70	400	400	3,000	3,000	10,000	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Chrysene	70	70	400	400	3,000	3,000	10,000	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Dibenzo(a,h)anthracene	0.7	0.7	4	4	30	30	300	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Fluoranthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Fluorene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Indeno(1,2,3-cd)pyrene	7	7	40	40	300	300	3,000	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
2-Methylnaphthalene	80	300	80	500	80	500	5,000	<0.53	2.37	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Naphthalene	40	500	40	1,000	40	3,000	10,000	<0.53	1.34	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Phenanthrene	500	500	1,000	1,000	3,000	3,000	10,000	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
Pyrene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<0.53	<0.54	<0.54	<0.53	<0.52	<0.51	<0.54	--	--
C9-C18 Aliphatics	1,000	1,000	3,000	3,000	5,000	5,000	20,000	<11	25.8	<11	<11	<10	<10	<11	--	--
C19-C36 Aliphatics	3,000	3,000	5,000	5,000	5,000	5,000	20,000	<11	<11	<11	<11	<10	<10	<11	--	--
C11-C22 Aromatics	1,000	1,000	3,000	3,000	5,000	5,000	10,000	<21	<22	<22	<21	<21	<21	<22	--	--

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date								
								W2	V3	V1	V99	U99	T1	R1	B-2	B-2
								14-15 S-3/GW-3	14-15 S-3/GW-3	10-12 S-3/GW-2 & S-3/GW-3	12-14 S-2/GW-2 & S-2/GW-3	14-15 S-3/GW-2 & S-3/GW-3	14-15 S-3/GW-3	14-15 S-3/GW-3	14-16 S-3/GW-3	20-22 S-3/GW-3
Applicable Soil Category (mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	2/15/2006	2/15/2006	2/15/2006	2/15/2006	2/16/2006	2/16/2006	2/16/2006	3/13/2008	3/13/2008
Metals																
Antimony	20	20	30	30	30	30	300	--	--	--	--	--	--	--	--	--
Arsenic	20	20	20	20	20	20	200	--	--	--	--	--	--	--	--	--
Barium	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
Beryllium	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--
Cadmium	2	2	30	30	30	30	300	--	--	--	--	--	--	--	--	--
Chromium	30	30	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--
Lead	300	300	300	300	300	300	3,000	--	--	--	--	--	--	--	--	--
Mercury	20	20	30	30	30	30	300	--	--	--	--	--	--	--	--	--
Nickel	20	20	700	700	700	700	7,000	--	--	--	--	--	--	--	--	--
Selenium	400	400	800	800	800	800	8,000	--	--	--	--	--	--	--	--	--
Silver	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--
Thallium	8	8	60	60	80	80	800	--	--	--	--	--	--	--	--	--
Vanadium	600	600	1,000	1,000	1,000	1,000	10,000	--	--	--	--	--	--	--	--	--
Zinc	2,500	2,500	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--

Notes:

All units are in mg/kg.

Depths are in units of feet below ground surface.

Bolded indicates parameter exceeds applicable MCP Method 1 Standards.

Shaded indicates parameter exceeds Upper Concentration Limit (UCL)

Italics indicate an undetected analyte where reporting limit exceeds S-1

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

I: Listed standards are for xylenes, mixed isomers.

R: Datum rejected based on validation.

J: Datum qualified as estimated based on validation.

UJ: Non-detected datum qualified as estimated based on validation.

U: Dated qualified as not detected based on validation.

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date								
								B-3	B-3	B-3	B-4	B-5	B-5	B-5	B-5	B-5
								16-18	18-20	26-28	21.5-22	12-14	16-18	20-22	22-24	26-28
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	3/14/2008	3/14/2008	3/14/2008	3/13/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008
VPH																
Benzene	30	30	200	200	700	900	9,000	<0.27	<0.26	R	7.33	<0.28	R	R	39 J	36.7 J
Toluene	500	500	1,000	1,000	2,000	3,000	10,000	<0.27	1.95	7.4 J	150	<0.28	17.4 J	0.506 J	925 J	512 J
Ethylbenzene	500	500	1,000	1,000	1,000	3,000	10,000	3.01	32.9	54.4 J	153	0.613	41.8 J	2.44 J	544 J	290 J
m,p-Xylene ¹	300	500	300	1,000	300	3,000	10,000	15.5	123	182 J	620	<0.28	133 J	8.36 J	1,490 J	868 J
o-Xylene ¹	300	500	300	1,000	300	3,000	10,000	2.93	39.5	44.7 J	171	<0.28	48.5 J	2.6 J	602 J	327 J
Methyl tert-Butyl Ether	100	100	100	500	100	500	5,000	<0.11	<0.11	<0.091 UJ	<0.58	<0.11	<0.10	<0.10	<0.079 UJ	R
Naphthalene	40	500	40	1,000	40	3,000	10,000	2.17	9.86	18.2 J	50.5	<0.28	10.6 J	0.649 J	147 J	80.7 J
C ₅ -C ₈ Aliphatic Hydrocarbons	100	100	500	500	500	500	5,000	102	867	1,810	3,630	79.3	614	39.1	11,400	6,620
C ₉ -C ₁₂ Aliphatic Hydrocarbons	1,000	1,000	3,000	3,000	5,000	5,000	20,000	12.8	303	613	1,380	23.4	54.4	<5.0	689	557
C ₉ -C ₁₀ Aromatic Hydrocarbons	100	100	500	500	500	500	5,000	89.7	335	788 J	1,960	65.3	463 J	25.2 J	4,900 J	3,220 J
EPH																
Acenaphthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
Acenaphthylene	600	10	600	10	600	10	10,000	--	--	--	--	--	--	--	--	--
Anthracene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	7	7	40	40	300	300	3,000	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	2	2	4	4	30	30	300	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	7	7	40	40	300	300	3,000	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	70	70	400	400	3,000	3,000	10,000	--	--	--	--	--	--	--	--	--
Chrysene	70	70	400	400	3,000	3,000	10,000	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	0.7	0.7	4	4	30	30	300	--	--	--	--	--	--	--	--	--
Fluoranthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
Fluorene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	7	7	40	40	300	300	3,000	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	80	300	80	500	80	500	5,000	--	--	--	--	--	--	--	--	--
Naphthalene	40	500	40	1,000	40	3,000	10,000	--	--	--	--	--	--	--	--	--
Phenanthrene	500	500	1,000	1,000	3,000	3,000	10,000	--	--	--	--	--	--	--	--	--
Pyrene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
C9-C18 Aliphatics	1,000	1,000	3,000	3,000	5,000	5,000	20,000	--	--	--	--	--	--	--	--	--
C19-C36 Aliphatics	3,000	3,000	5,000	5,000	5,000	5,000	20,000	--	--	--	--	--	--	--	--	--
C11-C22 Aromatics	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date								
								B-3	B-3	B-3	B-4	B-5	B-5	B-5	B-5	B-5
								16-18	18-20	26-28	21.5-22	12-14	16-18	20-22	22-24	26-28
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	3/14/2008	3/14/2008	3/14/2008	3/13/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008	3/12/2008
Metals																
Antimony	20	20	30	30	30	30	300	--	--	--	--	--	--	--	--	--
Arsenic	20	20	20	20	20	20	200	--	--	--	--	--	--	--	--	--
Barium	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
Beryllium	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--
Cadmium	2	2	30	30	30	30	300	--	--	--	--	--	--	--	--	--
Chromium	30	30	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--
Lead	300	300	300	300	300	300	3,000	--	--	--	--	--	--	--	--	--
Mercury	20	20	30	30	30	30	300	--	--	--	--	--	--	--	--	--
Nickel	20	20	700	700	700	700	7,000	--	--	--	--	--	--	--	--	--
Selenium	400	400	800	800	800	800	8,000	--	--	--	--	--	--	--	--	--
Silver	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--
Thallium	8	8	60	60	80	80	800	--	--	--	--	--	--	--	--	--
Vanadium	600	600	1,000	1,000	1,000	1,000	10,000	--	--	--	--	--	--	--	--	--
Zinc	2,500	2,500	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--

Notes:

All units are in mg/kg.

Depths are in units of feet below ground surface.

Bolded indicates parameter exceeds applicable MCP Method 1 Standards.

Shaded indicates parameter exceeds Upper Concentration Limit (UCL)

Italics indicate an undetected analyte where reporting limit exceeds S-1

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

I: Listed standards are for xylenes, mixed isomers.

R: Datum rejected based on validation.

J: Datum qualified as estimated based on validation.

UJ: Non-detected datum qualified as estimated based on validation.

U: Dated qualified as not detected based on validation.

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date								
								B-5	B-6	B-6	B-7	B-7	B-7	B-8	B-8	B-9
								28-30	22-24	24-26	14-16	16-18	26-28	18-20	20-22	12-14
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	3/12/2008	3/12/2008	3/12/2008	3/10/2008	3/10/2008	3/10/2008	3/11/2008	3/11/2008	3/11/2008
VPH																
Benzene	30	30	200	200	700	900	9,000	1.04	R	R	R	R	2.0 J	R	<0.31	R
Toluene	500	500	1,000	1,000	2,000	3,000	10,000	13.2	1.19 J	20.8 J	R	R	49.7 J	R	<0.31	R
Ethylbenzene	500	500	1,000	1,000	1,000	3,000	10,000	24.2	23.8 J	32.8 J	R	R	37 J	R	<0.31	0.885 J
m,p-Xylene ¹	300	500	300	1,000	300	3,000	10,000	62.4	85.7 J	164 J	R	R	114 J	0.639 J	0.396	2.24 J
o-Xylene ¹	300	500	300	1,000	300	3,000	10,000	17.1	28.4 J	38.7 J	R	R	41.6 J	R	<0.31	R
Methyl tert-Butyl Ether	100	100	100	500	100	500	5,000	<0.11	<0.082	<0.089	<0.11	<0.11	<0.11	<0.10	<0.12	<0.097
Naphthalene	40	500	40	1,000	40	3,000	10,000	7.27	9.32 J	9.16 J	R	R	12.7 J	R	<0.31	1.27 J
C ₅ -C ₈ Aliphatic Hydrocarbons	100	100	500	500	500	500	5,000	730	278	633	<5.4	<5.4	605	<5.1	<6.2	71.9
C ₉ -C ₁₂ Aliphatic Hydrocarbons	1,000	1,000	3,000	3,000	5,000	5,000	20,000	124	32.2	<4.5	7.85	<5.4	82.1	<5.1	<6.2	56.7
C ₉ -C ₁₀ Aromatic Hydrocarbons	100	100	500	500	500	500	5,000	371	317 J	566 J	9.61 J	R	509 J	R	<6.2	200 J
EPH																
Acenaphthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
Acenaphthylene	600	10	600	10	600	10	10,000	--	--	--	--	--	--	--	--	--
Anthracene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
Benzo(a)anthracene	7	7	40	40	300	300	3,000	--	--	--	--	--	--	--	--	--
Benzo(a)pyrene	2	2	4	4	30	30	300	--	--	--	--	--	--	--	--	--
Benzo(b)fluoranthene	7	7	40	40	300	300	3,000	--	--	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
Benzo(k)fluoranthene	70	70	400	400	3,000	3,000	10,000	--	--	--	--	--	--	--	--	--
Chrysene	70	70	400	400	3,000	3,000	10,000	--	--	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	0.7	0.7	4	4	30	30	300	--	--	--	--	--	--	--	--	--
Fluoranthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
Fluorene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	7	7	40	40	300	300	3,000	--	--	--	--	--	--	--	--	--
2-Methylnaphthalene	80	300	80	500	80	500	5,000	--	--	--	--	--	--	--	--	--
Naphthalene	40	500	40	1,000	40	3,000	10,000	--	--	--	--	--	--	--	--	--
Phenanthrene	500	500	1,000	1,000	3,000	3,000	10,000	--	--	--	--	--	--	--	--	--
Pyrene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
C9-C18 Aliphatics	1,000	1,000	3,000	3,000	5,000	5,000	20,000	--	--	--	--	--	--	--	--	--
C19-C36 Aliphatics	3,000	3,000	5,000	5,000	5,000	5,000	20,000	--	--	--	--	--	--	--	--	--
C11-C22 Aromatics	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date								
								B-5	B-6	B-6	B-7	B-7	B-7	B-8	B-8	B-9
								28-30	22-24	24-26	14-16	16-18	26-28	18-20	20-22	12-14
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	3/12/2008	3/12/2008	3/12/2008	3/10/2008	3/10/2008	3/10/2008	3/11/2008	3/11/2008	3/11/2008
Metals																
Antimony	20	20	30	30	30	30	300	--	--	--	--	--	--	--	--	--
Arsenic	20	20	20	20	20	20	200	--	--	--	--	--	--	--	--	--
Barium	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--
Beryllium	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--
Cadmium	2	2	30	30	30	30	300	--	--	--	--	--	--	--	--	--
Chromium	30	30	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--
Lead	300	300	300	300	300	300	3,000	--	--	--	--	--	--	--	--	--
Mercury	20	20	30	30	30	30	300	--	--	--	--	--	--	--	--	--
Nickel	20	20	700	700	700	700	7,000	--	--	--	--	--	--	--	--	--
Selenium	400	400	800	800	800	800	8,000	--	--	--	--	--	--	--	--	--
Silver	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--	--	--
Thallium	8	8	60	60	80	80	800	--	--	--	--	--	--	--	--	--
Vanadium	600	600	1,000	1,000	1,000	1,000	10,000	--	--	--	--	--	--	--	--	--
Zinc	2,500	2,500	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--	--	--

Notes:

All units are in mg/kg.

Depths are in units of feet below ground surface.

Bolded indicates parameter exceeds applicable MCP Method 1 Standards.

Shaded indicates parameter exceeds Upper Concentration Limit (UCL)

Italics indicate an undetected analyte where reporting limit exceeds S-1

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

I: Listed standards are for xylenes, mixed isomers.

R: Datum rejected based on validation.

J: Datum qualified as estimated based on validation.

UJ: Non-detected datum qualified as estimated based on validation.

U: Dated qualified as not detected based on validation.

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date						
								B-9	B-9	B-9 (DUP1)	B-10	B-10	B-10	B-10 (DUP2)
								14-16	26-28	26-28	22-24	26-28	28-30	28-30
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	3/11/2008	3/11/2008	3/11/2008	3/13/2008	3/13/2008	3/13/2008	3/13/2008
VPH														
Benzene	30	30	200	200	700	900	9,000	R	1.57 J	0.899 J	R	R	R	R
Toluene	500	500	1,000	1,000	2,000	3,000	10,000	68.8 J	27.8 J	16.3 J	R	0.799 J	19.4 J	6.54 J
Ethylbenzene	500	500	1,000	1,000	1,000	3,000	10,000	40.5 J	25.9 J	16 J	R	7.71 J	36.9 J	13.5 J
m,p-Xylene ¹	300	500	300	1,000	300	3,000	10,000	132 J	73.6 J	48.5 J	R	25.8 J	139 J	43.2 J
o-Xylene ¹	300	500	300	1,000	300	3,000	10,000	48.5 J	27.7 J	16.9 J	R	9.14 J	38.7 J	1.37 J
Methyl tert-Butyl Ether	100	100	100	500	100	500	5,000	<0.093	<0.120	<0.11	<0.12	<0.098	<0.089	<0.089
Naphthalene	40	500	40	1,000	40	3,000	10,000	13.1 J	7.68 J	4.59 J	R	1.86 J	9.2 J	3.5 J
C ₅ -C ₈ Aliphatic Hydrocarbons	100	100	500	500	500	500	5,000	522	565 J	273 J	11.8	75.6	993 J	206 J
C ₉ -C ₁₂ Aliphatic Hydrocarbons	1,000	1,000	3,000	3,000	5,000	5,000	20,000	54.7	74.1 J	37.8 J	<6.2	6.71	183 J	30.7 J
C ₉ -C ₁₀ Aromatic Hydrocarbons	100	100	500	500	500	500	5,000	555 J	298 J	183 J	R	92.1 J	520 J	180 J
EPH														
Acenaphthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--
Acenaphthylene	600	10	600	10	600	10	10,000	--	--	--	--	--	--	--
Anthracene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--
Benzo(a)anthracene	7	7	40	40	300	300	3,000	--	--	--	--	--	--	--
Benzo(a)pyrene	2	2	4	4	30	30	300	--	--	--	--	--	--	--
Benzo(b)fluoranthene	7	7	40	40	300	300	3,000	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--
Benzo(k)fluoranthene	70	70	400	400	3,000	3,000	10,000	--	--	--	--	--	--	--
Chrysene	70	70	400	400	3,000	3,000	10,000	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	0.7	0.7	4	4	30	30	300	--	--	--	--	--	--	--
Fluoranthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--
Fluorene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	7	7	40	40	300	300	3,000	--	--	--	--	--	--	--
2-Methylnaphthalene	80	300	80	500	80	500	5,000	--	--	--	--	--	--	--
Naphthalene	40	500	40	1,000	40	3,000	10,000	--	--	--	--	--	--	--
Phenanthrene	500	500	1,000	1,000	3,000	3,000	10,000	--	--	--	--	--	--	--
Pyrene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--
C9-C18 Aliphatics	1,000	1,000	3,000	3,000	5,000	5,000	20,000	--	--	--	--	--	--	--
C19-C36 Aliphatics	3,000	3,000	5,000	5,000	5,000	5,000	20,000	--	--	--	--	--	--	--
C11-C22 Aromatics	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date						
								B-9	B-9	B-9 (DUP1)	B-10	B-10	B-10	B-10 (DUP2)
								14-16	26-28	26-28	22-24	26-28	28-30	28-30
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	3/11/2008	3/11/2008	3/11/2008	3/13/2008	3/13/2008	3/13/2008	3/13/2008
Metals														
Antimony	20	20	30	30	30	30	300	--	--	--	--	--	--	--
Arsenic	20	20	20	20	20	20	200	--	--	--	--	--	--	--
Barium	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--
Beryllium	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--
Cadmium	2	2	30	30	30	30	300	--	--	--	--	--	--	--
Chromium	30	30	200	200	200	200	2,000	--	--	--	--	--	--	--
Lead	300	300	300	300	300	300	3,000	--	--	--	--	--	--	--
Mercury	20	20	30	30	30	30	300	--	--	--	--	--	--	--
Nickel	20	20	700	700	700	700	7,000	--	--	--	--	--	--	--
Selenium	400	400	800	800	800	800	8,000	--	--	--	--	--	--	--
Silver	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--
Thallium	8	8	60	60	80	80	800	--	--	--	--	--	--	--
Vanadium	600	600	1,000	1,000	1,000	1,000	10,000	--	--	--	--	--	--	--
Zinc	2,500	2,500	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--

Notes:

All units are in mg/kg.

Depths are in units of feet below ground surface.

Bolded indicates parameter exceeds applicable MCP Method 1 Standards.

Shaded indicates parameter exceeds Upper Concentration Limit (UCL)

Italics indicate an undetected analyte where reporting limit exceeds S-1

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

1: Listed standards are for xylenes, mixed isomers.

R: Datum rejected based on validation.

J: Datum qualified as estimated based on validation.

UJ: Non-detected datum qualified as estimated based on validation.

U: Dated qualified as not detected based on validation.

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters								Sample No., Sampling Depth, Applicable Soil Category and Sampling Date						
	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	B-2A	B-4A	B-5A	B-5A	B-5A (DUP-1)	B-10A	MW-401
								14-16	20-22	22-24	26-28	26-28	28-30	28-30
	Applicable Soil Category							S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	2/1/2010	2/1/2010	1/29/2010	1/29/2010	1/29/2010	2/1/2010	1/31/2010
VPH														
Benzene	30	30	200	200	700	900	9,000	<0.293 U	<0.0841	<0.121 U	13.4 J	<0.339 UJ	2.18	<0.0852
Toluene	500	500	1,000	1,000	2,000	3,000	10,000	<0.231	<0.252	<0.235	120 J	0.91 J	8.69	<0.256
Ethylbenzene	500	500	1,000	1,000	1,000	3,000	10,000	<0.465 U	<0.0841	<0.236 U	66.3 J	<0.329 UJ	13.3	<0.0852
m,p-Xylene ¹	300	500	300	1,000	300	3,000	10,000	1.35	<0.337	<0.314	222 J	1.04 J	27.9	<0.341
o-Xylene ¹	300	500	300	1,000	300	3,000	10,000	<0.154	<0.168	<0.157	79.1 J	0.384 J	7.95	<0.170
Methyl tert-Butyl Ether	100	100	100	500	100	500	5,000	0.469	<0.0841	<0.117 U	9.77 J	<0.114 UJ	2.21	<0.0852
Naphthalene	40	500	40	1,000	40	3,000	10,000	<0.385	<0.421	<0.392	12.4 J	<0.420 UJ	3.96	<0.426
C ₅ -C ₈ Aliphatic Hydrocarbons	100	100	500	500	500	500	5,000	60.0	<8.41	8.50	2,190 J	12 J	387	<8.52
C ₉ -C ₁₂ Aliphatic Hydrocarbons	1,000	1,000	3,000	3,000	5,000	5,000	20,000	<7.69	<8.41	9.61	249 J	9.75 J	<76.5	<8.52
C ₉ -C ₁₀ Aromatic Hydrocarbons	100	100	500	500	500	500	5,000	32.2	<8.41	<3.92	684 J	<4.20 UJ	116	<8.52
EPH														
Acenaphthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--
Acenaphthylene	600	10	600	10	600	10	10,000	--	--	--	--	--	--	--
Anthracene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--
Benzo(a)anthracene	7	7	40	40	300	300	3,000	--	--	--	--	--	--	--
Benzo(a)pyrene	2	2	4	4	30	30	300	--	--	--	--	--	--	--
Benzo(b)fluoranthene	7	7	40	40	300	300	3,000	--	--	--	--	--	--	--
Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--
Benzo(k)fluoranthene	70	70	400	400	3,000	3,000	10,000	--	--	--	--	--	--	--
Chrysene	70	70	400	400	3,000	3,000	10,000	--	--	--	--	--	--	--
Dibenzo(a,h)anthracene	0.7	0.7	4	4	30	30	300	--	--	--	--	--	--	--
Fluoranthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--
Fluorene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	7	7	40	40	300	300	3,000	--	--	--	--	--	--	--
2-Methylnaphthalene	80	300	80	500	80	500	5,000	--	--	--	--	--	--	--
Naphthalene	40	500	40	1,000	40	3,000	10,000	--	--	--	--	--	--	--
Phenanthrene	500	500	1,000	1,000	3,000	3,000	10,000	--	--	--	--	--	--	--
Pyrene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--
C9-C18 Aliphatics	1,000	1,000	3,000	3,000	5,000	5,000	20,000	--	--	--	--	--	--	--
C19-C36 Aliphatics	3,000	3,000	5,000	5,000	5,000	5,000	20,000	--	--	--	--	--	--	--
C11-C22 Aromatics	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date						
								B-2A	B-4A	B-5A	B-5A	B-5A (DUP-1)	B-10A	MW-401
								14-16	20-22	22-24	26-28	26-28	28-30	28-30
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	2/1/2010	2/1/2010	1/29/2010	1/29/2010	1/29/2010	2/1/2010	1/31/2010
Metals														
Antimony	20	20	30	30	30	30	300	--	--	--	--	--	--	--
Arsenic	20	20	20	20	20	20	200	--	--	--	--	--	--	--
Barium	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--
Beryllium	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--
Cadmium	2	2	30	30	30	30	300	--	--	--	--	--	--	--
Chromium	30	30	200	200	200	200	2,000	--	--	--	--	--	--	--
Lead	300	300	300	300	300	300	3,000	--	--	--	--	--	--	--
Mercury	20	20	30	30	30	30	300	--	--	--	--	--	--	--
Nickel	20	20	700	700	700	700	7,000	--	--	--	--	--	--	--
Selenium	400	400	800	800	800	800	8,000	--	--	--	--	--	--	--
Silver	100	100	200	200	200	200	2,000	--	--	--	--	--	--	--
Thallium	8	8	60	60	80	80	800	--	--	--	--	--	--	--
Vanadium	600	600	1,000	1,000	1,000	1,000	10,000	--	--	--	--	--	--	--
Zinc	2,500	2,500	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--	--

Notes:

All units are in mg/kg.

Depths are in units of feet below ground surface.

Bolded indicates parameter exceeds applicable MCP Method 1 Standards.

Shaded indicates parameter exceeds Upper Concentration Limit (UCL)

Italics indicate an undetected analyte where reporting limit exceeds S-1

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

1: Listed standards are for xylenes, mixed isomers.

R: Datum rejected based on validation.

J: Datum qualified as estimated based on validation.

UJ: Non-detected datum qualified as estimated based on validation.

U: Dated qualified as not detected based on validation.

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date					
								MW-401 (DUP-2)	MW-401	MW-402	MW-402	MW-403	MW-404
								28-30	30-32	24-26	26-28	14-16	24-25
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	1/31/2010	1/31/2010	1/29/2010	1/29/2010	1/30/2010	1/30/2010
VPH													
Benzene	30	30	200	200	700	900	9,000	<0.0945	<0.0862	<0.0823	0.633	<0.0808	<0.0830
Toluene	500	500	1,000	1,000	2,000	3,000	10,000	<0.284	<0.258	<0.247	<0.250	<0.242	<0.249
Ethylbenzene	500	500	1,000	1,000	1,000	3,000	10,000	<0.0945	<0.0862	<0.0823	<0.0833	<0.0808	<0.0830
m,p-Xylene ¹	300	500	300	1,000	300	3,000	10,000	<0.378	<0.345	<0.329	1.71	<0.323	<0.332
o-Xylene ¹	300	500	300	1,000	300	3,000	10,000	<0.189	<0.172	0.181	0.576	<0.162	<0.166
Methyl tert-Butyl Ether	100	100	100	500	100	500	5,000	<0.0945	<0.0862	<0.0977 U	1.59	<0.0808	<0.0830
Naphthalene	40	500	40	1,000	40	3,000	10,000	<0.473	<0.431	<0.411	0.556	<0.404	<0.415
C ₅ -C ₈ Aliphatic Hydrocarbons	100	100	500	500	500	500	5,000	<9.45	<8.62	17.6	221	<8.08	<8.30
C ₉ -C ₁₂ Aliphatic Hydrocarbons	1,000	1,000	3,000	3,000	5,000	5,000	20,000	<9.45	<8.62	<8.23	54.8	9.27	<8.30
C ₉ -C ₁₀ Aromatic Hydrocarbons	100	100	500	500	500	500	5,000	<9.45	<8.62	9.27	74.9	<4.04	<8.30
EPH													
Acenaphthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--
Acenaphthylene	600	10	600	10	600	10	10,000	--	--	--	--	--	--
Anthracene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--
Benzo(a)anthracene	7	7	40	40	300	300	3,000	--	--	--	--	--	--
Benzo(a)pyrene	2	2	4	4	30	30	300	--	--	--	--	--	--
Benzo(b)fluoranthene	7	7	40	40	300	300	3,000	--	--	--	--	--	--
Benzo(g,h,i)perylene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--
Benzo(k)fluoranthene	70	70	400	400	3,000	3,000	10,000	--	--	--	--	--	--
Chrysene	70	70	400	400	3,000	3,000	10,000	--	--	--	--	--	--
Dibenzo(a,h)anthracene	0.7	0.7	4	4	30	30	300	--	--	--	--	--	--
Fluoranthene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--
Fluorene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--
Indeno(1,2,3-cd)pyrene	7	7	40	40	300	300	3,000	--	--	--	--	--	--
2-Methylnaphthalene	80	300	80	500	80	500	5,000	--	--	--	--	--	--
Naphthalene	40	500	40	1,000	40	3,000	10,000	--	--	--	--	--	--
Phenanthrene	500	500	1,000	1,000	3,000	3,000	10,000	--	--	--	--	--	--
Pyrene	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--
C9-C18 Aliphatics	1,000	1,000	3,000	3,000	5,000	5,000	20,000	--	--	--	--	--	--
C19-C36 Aliphatics	3,000	3,000	5,000	5,000	5,000	5,000	20,000	--	--	--	--	--	--
C11-C22 Aromatics	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--

Table 4-1
Summary of Soil Analytical Results
Former Service Station No. 01-ECQ
83-98 Elm Street
Pittsfield, MA

Analytical Parameters	S-1/ GW-2	S-1/ GW-3	S-2/ GW-2	S-2/ GW-3	S-3/ GW-2	S-3/ GW-3	UCLs	Sample No., Sampling Depth, Applicable Soil Category and Sampling Date					
								MW-401 (DUP-2)	MW-401	MW-402	MW-402	MW-403	MW-404
								28-30	30-32	24-26	26-28	14-16	24-25
Applicable Soil Category								S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3	S-3/GW-3
(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	1/31/2010	1/31/2010	1/29/2010	1/29/2010	1/30/2010	1/30/2010
Metals													
Antimony	20	20	30	30	30	30	300	--	--	--	--	--	--
Arsenic	20	20	20	20	20	20	200	--	--	--	--	--	--
Barium	1,000	1,000	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--
Beryllium	100	100	200	200	200	200	2,000	--	--	--	--	--	--
Cadmium	2	2	30	30	30	30	300	--	--	--	--	--	--
Chromium	30	30	200	200	200	200	2,000	--	--	--	--	--	--
Lead	300	300	300	300	300	300	3,000	--	--	--	--	--	--
Mercury	20	20	30	30	30	30	300	--	--	--	--	--	--
Nickel	20	20	700	700	700	700	7,000	--	--	--	--	--	--
Selenium	400	400	800	800	800	800	8,000	--	--	--	--	--	--
Silver	100	100	200	200	200	200	2,000	--	--	--	--	--	--
Thallium	8	8	60	60	80	80	800	--	--	--	--	--	--
Vanadium	600	600	1,000	1,000	1,000	1,000	10,000	--	--	--	--	--	--
Zinc	2,500	2,500	3,000	3,000	5,000	5,000	10,000	--	--	--	--	--	--

Notes:

All units are in mg/kg.

Depths are in units of feet below ground surface.

Bolded indicates parameter exceeds applicable MCP Method 1 Standards.

Shaded indicates parameter exceeds Upper Concentration Limit (UCL)

Italics indicate an undetected analyte where reporting limit exceeds S-1

VPH = Volatile Petroleum Hydrocarbons.

EPH = Extractable Petroleum Hydrocarbons.

1: Listed standards are for xylenes, mixed isomers.

R: Datum rejected based on validation.

J: Datum qualified as estimated based on validation.

UJ: Non-detected datum qualified as estimated based on validation.

U: Dated qualified as not detected based on validation.



Electronic Submittal
April 26, 2016

Massachusetts Department of Environmental Protection
Western Regional Office
436 Dwight Street
Springfield, Massachusetts 01103

Re: Release Abatement Measure (RAM) and Temporary Solution Status Report
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street
Pittsfield, Massachusetts
RTN 1-0539

To Whom It May Concern:

Kleinfelder, on behalf of ExxonMobil Environmental Services Company (EMES), has prepared the enclosed Release Abatement Measure (RAM) and Temporary Solution Status Report for former Mobil Service Station No. 01-ECQ, located at 83-89 Elm Street in Pittsfield, Massachusetts.

In addition, enclosed please find the eDEP transaction copy of the Bureau of Waste Site Cleanup (BWSC) forms BWSC106, BWSC106-A, BWSC108, and BWSC108-A. The attached documents have been prepared under the direction of Licensed Site Professional (LSP) Mr. Eric Henry (LSP #9814) of Kleinfelder. The EMES representative overseeing response actions associated with this submittal is Ms. Colby M. Jensen, EMES, 38 Varick Street, Brooklyn, New York, 11222; she may be reached by telephone at (718) 404-0653.

Should you have any questions, please do not hesitate to contact the undersigned at (508) 370-8256.

Sincerely,
KLEINFELDER

Ryan Degnim
Staff Professional

Eric Henry, LEP, LSP
Principal Hydrogeologist

Enclosure

Cc: Ms. Colby M. Jensen, EMES (file)

135847/FRM16R38171_01ECQ/Tsol_RAMs 4-16

**RELEASE ABATEMENT MEASURE (RAM) AND
TEMPORARY SOLUTION STATUS REPORT**

**On behalf of
EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY**

**Former Mobil Service Station No. 01-ECQ
83-89 Elm Street
Pittsfield, Massachusetts
RTN 1-0539
April 2016**

Regulatory Status: Class C-1 RAO submitted on May 7, 2010
RAM Plan submitted on December 29, 2011

Reporting Period: September 2015 through March 2016

Selected Remedy: Active monitoring and non-aqueous phase liquid (NAPL) recovery

Groundwater Monitoring and Characteristics:

Gauging Frequency: Periodic to Semi-Annual
Sampling Frequency: As applicable
NAPL Detected: Refer to Table 1 and Appendix A
Groundwater Classification: GW-2/GW-3
Depth to Groundwater: Refer to Table 1 and Appendix A
Groundwater Flow Direction: North/Northwest (historic)

Status of Response Operations per 310 CMR 40.0445(2)(a):

SEAR was not conducted during the reporting period; however, vacuum extraction events were conducted coincident with the observation of seasonally low water table conditions.

On October 7, 2015 Kleinfelder gauged monitoring wells GES-218, GES-227, and MW-3011 using an electronic interface probe. NAPL was detected in wells GES-218, GES-227, and GES-3011 in thicknesses ranging from 0.01 feet in MW-3011 to 0.91 feet in GES-218. Refer to Table 1 for gauging data. Following gauging Kleinfelder supervised Cyn Environmental (Cyn) of Stoughton, Massachusetts conduct vacuum extraction of NAPL and groundwater from wells GES-218 and GES-227. A total of 378 gallons of NAPL and groundwater was recovered and transported via vacuum truck to Tradebe Treatment and Recycling (Tradebe) of Stoughton, Massachusetts under a non-hazardous waste manifest for disposal. A copy of the non-hazardous waste manifest is included in Appendix B. Kleinfelder personnel manually recovered NAPL and groundwater from monitoring well MW-3011. NAPL and groundwater recovered from MW-3011 was stored in the onsite steel 55-gallon drum with secondary containment.

On October 30, 2015 Kleinfelder gauged monitoring wells ECS-3, EXP-7, EXP-8, EXP-10R, EXP-13, GES-206, GES-218, GES-227, GES-301I, and GT-3 utilizing an electronic interface probe. NAPL thicknesses ranged from 0.02 feet (0.24 inches) in GES-218 to 0.14 feet (1.68 inches) in GES-227. Following gauging Kleinfelder supervised Cyn conduct vacuum extraction of NAPL and groundwater from wells GES-218, GES-227, and GES-301I. A total of 1,382 gallons of NAPL and groundwater was recovered and transported under a non-hazardous waste manifest to Tradebe via vacuum truck for disposal. A copy of the non-hazardous waste manifest is included in Appendix B.

Kleinfelder is currently evaluating trends in NAPL thickness across the site to determine if additional SEAR and/or vacuum extraction events are warranted. Groundwater gauging events will continue on a minimum semi-annual schedule in accordance with the proposed Operation, Maintenance and Monitoring (OM&M) plan modifications detailed in the Post Class C-1 RAO and RAM Status Report submitted to MassDEP on March 29, 2014. Monitoring results will continue to be summarized in the subsequent RAM and Temporary Solution Status Report.

Significant New Site Information or Data per 310 CMR 40.0445(2)(b):

No new significant new site information or data was observed.

Management of Remedial Waste Pursuant to 310 CMR 40.0445(2)(c):

A total of 1,760 gallons of NAPL and groundwater was transported to Tradebe for disposal. Copies of the non-hazardous waste manifests are provided in Appendix B.

LSP Opinion per 310 CMR 40.0445(2)(e):

The RAM is being conducted in accordance with the RAM Plan submitted to the Massachusetts Department of Environmental Protection (MassDEP) on December 29, 2011.

Description of the Type and Frequency of Operation, Maintenance and/or Monitoring Activities Conducted per 310 CMR 40.0898(2)(a):

Well gauging and manual NAPL recovery activities were conducted on September 29, October 7, and October 30, 2015 coincident with the observation of seasonally low water table conditions. Please refer to Figure 1 for monitoring well locations. Current groundwater gauging data is provided in Table 1 and historical analytical data in Table 2. Historical groundwater gauging data are provided in Appendix A.

Significant Modifications of the Operation, Maintenance and/or Monitoring Program per 310 CMR 40.0898(2)(b):

During the September 2015 groundwater monitoring and NAPL recovery event the road-boxes and associated concrete pads constructed around monitoring wells ECS-1, ECS-4, ECS-9, EXP-4, GES-301, GES-320, and EXP-15 were replaced by Martin Geo/Environmental LLC., of Belchertown, Massachusetts. Monitoring well road-boxes were replaced to maintain the security and the integrity of the wells pursuant to 310 CMR 40.0028.

No additional significant modifications or corrective measures were taken during this monitoring period.

Evaluation of Performance of the Remedial Action per 310 CMR 40.0898(2)(c):

Gauging efforts during the monitoring period were focused on five wells that have recently contained NAPL (ECS-3, GES-206, GES-218, GES-227 and GES-301I) and four wells that have historically contained NAPL (EXP-7, EXP-8, EXP-10R, and EXP-13) to assess NAPL stability/mobility over time. On September 29, 2015 Kleinfelder gauged monitoring wells GT-3, ECS-3, EXP-7, EXP-8, EXP-10R, EXP-13, GES-206, GES-218, GES-227, and GES-301I. NAPL was detected in wells ECS-3, GES-218, GES-227, and GES-301I. NAPL thicknesses ranged in measurement from 0.01 feet in ECS-3 to 1.29 feet in GES-301I. The wells containing NAPL were manually bailed utilizing disposable polyethylene bailers. Recovered NAPL and/or water was stored in a properly grounded, 55-gallon, steel DOT drum equipped with over pack containment pending subsequent off-site removal via vacuum truck. These wells will continue to be monitored. The remedial action is progressing the remedial goals specified in the Remedial Action Plan. There were no notable conditions or problems that affected the performance of the remedial action.

Name, License number, Signature and Seal of the LSP per 310 CMR 40.0898(2)(e):

The name, license number, signature and seal of the Licensed Site Professional (LSP) are provided on the attached MassDEP Form BWSC 108.

Public Involvement Pursuant to 310 CMR 40.1403(10)(c):

No public involvement activities were conducted during this monitoring period.

Future Course of Action:

The following is a tentative timeline for upcoming response actions:

- SEAR/vacuum extraction events (if warranted)
- Periodic gauging event coincident with low water table conditions
- Groundwater sampling event (if warranted)
- RAM Status or Completion Report on or before October 27, 2016
- Temporary Solution Status Report on or before November 7, 2016

Limitations:

Kleinfelder performed the services for this project under the Standard Procurement Agreement with Procurement, a division of ExxonMobil Global Services Company (effective on October 1, 2011). Kleinfelder states that the services performed are consistent with professional standard of care defined as that level of services provided by similar professionals under like circumstances. This report is based on the regulatory standards in effect on the date of the report. It has been produced for the primary benefit of Exxon Mobil Global Services Company and its affiliates.

References:

MADEP, 2002. Characterizing Risks Posed by Petroleum Contaminated Sites: Implementation of MADEP VPH/EPH Approach. Final Draft. Massachusetts Department of Environmental Protection, Bureau of Waste Site Cleanup, October.

MADEP, 310 CMR 40.0000, Massachusetts Contingency Plan, Commonwealth of Massachusetts Department of Environmental Protection.

List of Appendices:

Figure

1 – Site Plan

Tables

1 – Monitoring Well Gauging Data Summary

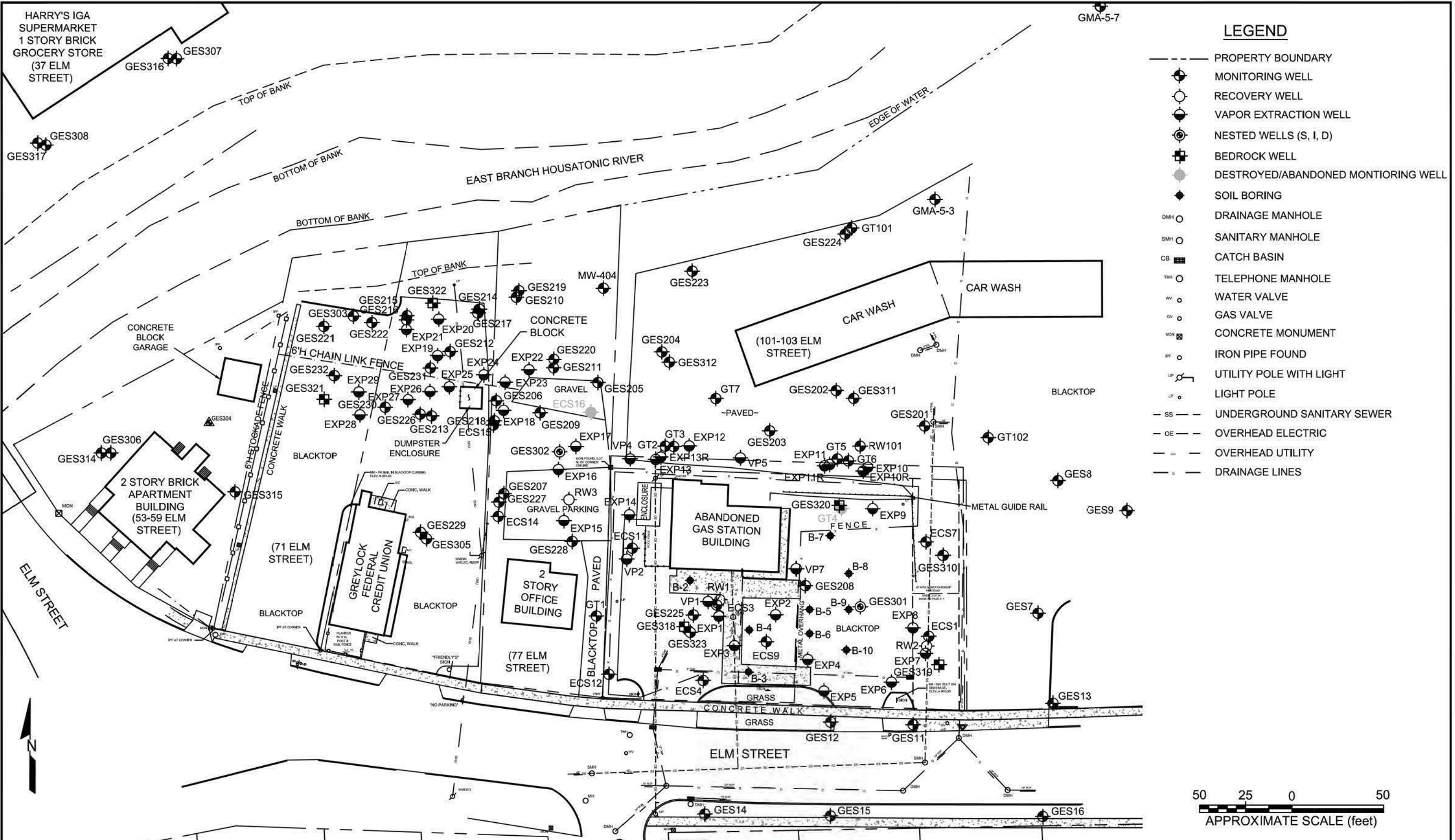
2 – Groundwater Sample Analytical Results – Volatile Petroleum Hydrocarbons

Appendix

A – Historical Groundwater Gauging Data

B – Non-Hazardous Waste Manifests

FIGURE



ATTACHED XREFS:
LITTLETON, MA

The information included on this graphic representation has been compiled from a variety of sources and is subject to change without notice. Kleinfielder makes no representations or warranties, express or implied, as to accuracy, completeness, timeliness, or rights to the use of such information. This document is not intended for use as a land survey product nor is it designed or intended as a construction design document. The use or misuse of the information contained on this graphic representation is at the sole risk of the party using or misusing the information.

KLEINFELDER
Bright People. Right Solutions.
www.kleinfielder.com

PROJECT NO.	01ECQ
DRAWN:	NOV 2011
DRAWN BY:	CTH
CHECKED BY:	
FILE NAME:	01ECQNOV11.dwg

SITE PLAN	
FORMER MOBIL SERVICE STATION #01-ECQ 83-89 ELM STREET PITTSFIELD, MASSACHUSETTS	

FIGURE
1

TABLES

Table 1**Monitoring Well Gauging Data Summary**

Former Mobil Service Station No. 01-ECQ
83-89 Elm Street
Pittsfield, Massachusetts
November 22, 2013 through October 30, 2015

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
ECS-1	11/22/2013	NSVD	DRY	DRY	DRY	N/A	NSVD	Well Dry
	12/26/2013	NSVD	18.76	ND	ND	N/A	NSVD	
	3/14/2014	NSVD	19.90	ND	ND	N/A	NSVD	
ECS-3	11/22/2013	NSVD	18.96	ND	ND	N/A	NSVD	
	12/26/2013	NSVD	18.36	ND	ND	N/A	NSVD	
	3/14/2014	NSVD	13.87	ND	ND	N/A	NSVD	Well Inaccessible
	9/29/2014	NSVD	18.98	18.90	0.08	0.06	NSVD	NAPL
	4/2/2015	NSVD	18.85	18.83	0.02	0.02	NSVD	NAPL
	9/29/2015	NSVD	19.44	19.43	0.01	0.01	NSVD	NAPL
	10/30/2015	NSVD	18.43	ND	ND	N/A	NSVD	
ECS-9	11/22/2013	991.43	19.45	ND	ND	N/A	971.98	
	12/26/2013	991.43	13.16	ND	ND	N/A	978.27	
	3/14/2014	991.43	19.01	ND	ND	N/A	972.42	
ECS-11	11/22/2013	993.01	DRY	DRY	DRY	N/A	DRY	Well Dry
	12/26/2013	993.01	14.53	ND	ND	N/A	978.48	
	3/14/2014	993.01	DRY	DRY	DRY	N/A	DRY	Well Dry
ECS-15	11/22/2013	989.86	15.78	ND	ND	N/A	974.08	
EXP-3	12/26/2013	992.75	12.32	ND	ND	N/A	980.43	
EXP-7	12/26/2013	992.30	18.67	ND	ND	N/A	973.63	
	3/14/2014	992.30	19.41	ND	ND	N/A	972.89	
	9/29/2014	992.30	19.33	ND	ND	N/A	972.97	
	4/2/2015	992.30	8.68	ND	ND	N/A	983.62	
	9/29/2015	992.30	19.47	ND	ND	N/A	972.83	
	10/30/2015	992.30	18.83	ND	ND	N/A	973.47	
EXP-8	12/26/2013	992.39	18.73	ND	ND	N/A	973.66	
	3/14/2014	992.39	19.50	ND	ND	N/A	972.89	
	9/29/2014	992.39	19.52	ND	ND	N/A	972.87	
	4/2/2015	992.39	18.62	ND	ND	N/A	973.77	
	9/29/2015	992.39	19.71	ND	ND	N/A	972.68	
	10/30/2015	992.39	18.91	ND	ND	N/A	973.48	
EXP-10R	12/26/2013	990.11	16.92	ND	ND	N/A	973.19	
	3/14/2014	990.11	NM	NM	NM	N/A	NM	Well Inaccessible
	9/29/2014	990.11	17.76	ND	ND	N/A	972.35	
	4/2/2015	990.11	NM	NM	NM	N/A	NM	Inaccessible due to snow
	9/29/2015	990.11	17.90	ND	ND	N/A	972.21	
	10/30/2015	990.11	16.99	ND	ND	N/A	973.12	
EXP-13	3/14/2014	990.37	NM	NM	NM	N/A	NM	Well Inaccessible
	9/29/2014	990.37	18.61	ND	ND	N/A	971.76	
	4/2/2015	990.37	NM	NM	NM	N/A	NM	Inaccessible due to snow
	9/29/2015	990.37	18.83	ND	ND	N/A	971.54	
	10/30/2015	990.37	17.85	ND	ND	N/A	972.52	
EXP-13R	3/14/2014	990.42	NM	NM	NM	N/A	NM	Well Inaccessible

Table 1 (Continued)**Monitoring Well Gauging Data Summary**

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street
 Pittsfield, Massachusetts
 November 22, 2013 through October 30, 2015

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
EXP-15	12/26/2013	991.37	16.61	ND	ND	N/A	974.76	
	3/14/2014	991.37	18.56	ND	ND	N/A	972.81	
EXP-22	12/26/2013	988.23	16.05	ND	ND	N/A	972.18	
	3/14/2014	988.23	13.10	ND	ND	N/A	975.13	
GES-206	11/22/2013	989.06	18.61	18.31	0.30	0.23	970.68	NAPL
	12/26/2013	989.06	17.57	17.55	0.02	0.02	971.51	
	3/14/2014	989.06	18.00	17.95	0.05	0.04	971.10	
	9/29/2014	989.06	18.69	ND	ND	N/A	970.37	
	4/2/2015	989.06	16.50	ND	ND	N/A	972.56	
	9/29/2015	989.06	19.05	ND	ND	N/A	970.01	
	10/30/2015	989.06	19.26	ND	ND	N/A	969.80	
GES-208	11/22/2013	993.47	19.72	ND	ND	N/A	973.75	
	12/26/2013	993.47	18.53	ND	ND	N/A	974.94	
	3/14/2014	993.47	19.57	ND	ND	N/A	973.90	
GES-218	11/22/2013	989.74	19.55	19.45	0.10	0.08	970.27	NAPL
	12/26/2013	989.74	18.20	ND	ND	N/A	971.54	
	3/14/2014	989.74	18.81	ND	ND	N/A	970.93	
	9/29/2014	989.74	19.42	19.25	0.17	0.13	970.45	NAPL
	4/2/2015	989.74	18.64	18.54	0.10	0.08	971.18	NAPL
	9/29/2015	989.74	19.81	19.28	0.53	0.40	970.33	NAPL
	10/7/2015	989.74	19.98	19.07	0.91	0.69	970.45	NAPL
	10/30/2015	989.74	18.07	18.05	0.02	0.02	971.69	NAPL
GES-219	11/22/2013	981.58	16.60	ND	ND	N/A	964.98	
GES-227	11/22/2013	990.42	19.61	19.58	0.03	0.02	970.83	NAPL
	12/26/2013	990.42	18.30	18.23	0.07	0.05	972.17	
	3/14/2014	990.42	18.80	ND	ND	N/A	971.62	
	9/29/2014	990.42	19.14	ND	ND	N/A	971.28	
	4/2/2015	990.42	18.15	ND	ND	N/A	972.27	
	9/29/2015	990.42	19.36	19.04	0.32	0.24	971.30	NAPL
	10/7/2015	990.42	19.24	18.87	0.37	0.28	971.46	NAPL
	10/30/2015	990.42	18.24	18.10	0.14	0.11	972.29	NAPL
GES-228	11/22/2013	991.40	19.75	ND	ND	N/A	971.65	
GES-232	11/22/2013	988.21	13.46	ND	ND	N/A	974.75	
	3/14/2014	988.21	NM	NM	NM	N/A	NM	Well Inaccessible
GES-301S	11/22/2013	992.41	16.84	ND	ND	N/A	975.57	
	12/26/2013	992.41	16.37	ND	ND	N/A	976.04	
	3/14/2014	992.41	16.80	ND	ND	N/A	975.61	
GES-301D	11/22/2013	992.40	16.73	ND	ND	N/A	975.67	
	12/26/2013	992.40	16.34	ND	ND	N/A	976.06	
	3/14/2014	992.40	16.68	ND	ND	N/A	975.72	

Table 1 (Continued)**Monitoring Well Gauging Data Summary**

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street
 Pittsfield, Massachusetts
 November 22, 2013 through October 30, 2015

Well ID	Date	Top of Casing Elevation (feet)	Depth to Water (feet)	Depth to Hydro-carbon (feet)	Hydro-carbon Thickness (feet)	Correction Factor (feet)	Corrected GW Elevation (feet)	Comments
GES-301I	11/22/2013	NSVD	20.30	ND	ND	N/A	NSVD	
	12/26/2013	NSVD	19.12	ND	ND	N/A	NSVD	
	3/14/2014	NSVD	22.10	18.99	3.11	2.36	NSVD	
	9/29/2014	NSVD	25.46	18.15	7.31	5.56	NSVD	NAPL
	4/2/2015	NSVD	22.23	18.50	3.73	2.83	NSVD	NAPL
	9/29/2015	NSVD	21.10	19.81	1.29	0.98	NSVD	NAPL
	10/7/2015	NSVD	19.14	19.13	0.01	0.01	NSVD	NAPL
	10/30/2015	NSVD	19.25	19.16	0.09	0.07	NSVD	NAPL
GES-302S	11/22/2013	990.40	14.99	ND	ND	N/A	975.41	
GES-302D	11/22/2013	990.38	15.69	ND	ND	N/A	974.69	
GES-302I	11/22/2013	990.39	19.11	ND	ND	N/A	971.28	
	3/14/2014	990.39	18.55	ND	ND	N/A	971.84	
GES-303	11/22/2013	987.16	NM	NM	NM	N/A	NM	Unable to Locate
GES-319S	11/22/2013	992.32	16.31	ND	ND	N/A	976.01	
	3/14/2014	992.32	15.92	ND	ND	N/A	976.40	
GT-2	11/22/2013	990.29	18.98	ND	ND	N/A	971.31	
GT-3	11/22/2013	990.53	17.60	ND	ND	N/A	972.93	
	3/14/2014	990.53	NM	NM	NM	N/A	NM	Well Inaccessible
	9/29/2015	990.53	18.68	ND	ND	N/A	971.85	
	10/30/2015	990.53	17.61	ND	ND	N/A	972.92	
GT-5	11/22/2013	990.15	18.00	ND	ND	N/A	972.15	
	3/14/2014	990.15	NM	NM	NM	N/A	NM	Well Inaccessible
GT-6	11/22/2013	990.27	18.00	ND	ND	N/A	972.27	
MW-401	11/22/2013	NSVD	NM	NM	NM	N/A	NSVD	Unable to Locate
MW-404	11/22/2013	NSVD	17.40	ND	ND	N/A	NSVD	
RW-2	12/26/2013	NSVD	17.84	ND	ND	N/A	NSVD	
	3/14/2014	NSVD	NM	NM	NM	N/A	NSVD	Well Inaccessible
RW-3	12/26/2013	NSVD	17.61	ND	ND	N/A	NSVD	
	3/14/2014	NSVD	18.02	ND	ND	N/A	NSVD	

Notes:

GW - Groundwater
 ND - Not detected
 NM - Not monitored
 NSVD - Not surveyed to vertical datum

Table 2**Groundwater Sample Analytical Results - Volatile Petroleum Hydrocarbons**

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street
 Pittsfield, Massachusetts
 November 22, 2013

Well ID (Groundwater Category)	Date	Benzene (µg/L)	Toluene (µg/L)	Ethyl- benzene (µg/L)	Total Xylenes (µg/L)	MTBE (µg/L)	Naphthalene (µg/L)	C5 - C8 Aliphatics (µg/L)	C9 - C12 Aliphatics (µg/L)	C9 - C10 Aromatics (µg/L)	Comments
MCP GW Standard GW-2		2000	50000	20000	9000	50000	1000	3000	5000	7000	
MCP GW Standard GW-3		10000	40000	5000	5000	50000	20000	50000	50000	50000	
ECS-9 (GW-3)	11/22/2013	11.1	753	287	5410	<10	747	15400	16000	27100	
ECS-15 (GW-3)	11/22/2013	<1.0	<2.0	<2.0	<4.0	<1.0	<3.0	<50	<50	<50	
GES-208 (GW-3)	11/22/2013	62.8	239	1940	5410	<2.0	1190	8740	7010	15600	
GES-219 (GW-3)	11/22/2013	<1.0	<2.0	<2.0	<4.0	<1.0	<3.0	<50	<50	<50	
GES-228 (GW-3)	11/22/2013	9.8	79.3	359	1400	<1.0	206	8320	1320	3400	
GES-232 (GW-3)	11/22/2013	<1.0	<2.0	<2.0	<4.0	<1.0	<3.0	<50	<50	<50	
GES-302D (GW-3)	11/22/2013	<1.0	<2.0	<2.0	<4.0	<1.0	<3.0	<50	<50	<50	
GES-302I (GW-3)	11/22/2013	1.4	2.5	11.4	20.2	<1.0	5.0	126	<50	<50	
GT-2 (GW-3)	11/22/2013	109	325	633	1918	<5.0	276	5510	1140	3820	
GT-3 (GW-3)	11/22/2013	<5.0	251	1490	12730	<5.0	1750	123000	52300	80200	
GT-5 (GW-3)	11/22/2013	1.3	3.8	3.6	17.0	<1.0	7.6	811	486	1190	
MW-404 (GW-3)	11/22/2013	<1.0	<2.0	<2.0	<4.0	<1.0	<3.0	<50	<50	<50	

Table 2 (Continued)

Groundwater Sample Analytical Results - Volatile Petroleum Hydrocarbons

Former Mobil Service Station No. 01-ECQ
83-89 Elm Street
Pittsfield, Massachusetts
November 22, 2013

Notes:

(GW-3) - well-specific groundwater category

<1.0 - Not detected at or above the laboratory reporting limit shown

µg/L - micrograms per liter

MTBE - methyl tertiary butyl ether

NA - Not analyzed

NS - Not sampled

Shading - Reported concentration detected above the applicable standard(s) or guidance value(s)

APPENDIX A
Historic Groundwater Gauging Data

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

ECS-1

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
11/24/99	ND	DRY	0.00
01/28/00	ND	DRY	0.00
02/10/00	ND	DRY	0.00
04/21/00	15.10	16.73	1.63
10/26/13	ND	16.78	0.00
08/23/00	15.35	15.50	0.15
12/29/00	16.25	16.50	0.25
07/11/01	16.10	16.95	0.85
10/12/01	ND	DRY	0.00
08/20/02	ND	DRY	0.00
05/29/03	ND	DRY	0.00
12/02/03	ND	DRY	0.00
08/30/04	ND	DRY	0.00
10/05/04	ND	DRY	0.00
02/21/05	ND	DRY	0.00
04/11/05	ND	14.14	0.00
04/15/05	ND	17.62	0.00
08/09/05	ND	DRY	0.00
09/26/05	ND	DRY	0.00
09/30/05	ND	DRY	0.00
04/26/06	16.96	17.07	0.11
05/10/06	17.62	17.74	0.12
06/26/06	16.71	16.82	0.11
07/24/06	17.63	17.80	0.17
08/23/06	17.94	17.98	0.04
09/21/06	18.26	18.32	0.06
11/16/06	16.56	16.60	0.04
12/19/06	NM	NM	NM
05/17/13	NM	NM	NM
01/09/07	18.11	18.13	0.02
04/27/07	15.52	15.54	0.02
01/08/00	16.45	16.46	0.01
06/26/07	17.84	17.89	0.05
07/20/07	17.96	18.00	0.04
08/07/07	18.22	18.27	0.05
09/09/07	18.69	18.74	0.05
11/12/07	18.13	18.21	0.08
03/27/08	15.40	15.44	0.04
04/28/08	15.93	15.95	0.02
05/08/08	16.06	16.09	0.03
06/17/08	16.39	16.40	0.01
07/25/08	ND	16.05	0.00
08/22/08	17.34	17.35	0.01
09/24/08	ND	17.63	0.00
03/22/11	16.46	18.03	1.57
07/28/11	17.96	18.02	0.06
11/17/11	16.80	18.66	1.86

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

ECS-1

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
02/07/12	17.41	19.51	2.10
05/14/12	18.10	18.11	0.01
05/17/12	17.68	18.05	0.37
06/13/12	ND	DRY	0.00
07/10/12	ND	DRY	0.00
07/18/12	ND	DRY	0.00
08/15/12	ND	DRY	0.00
08/24/12	ND	18.95	0.00
09/14/12	ND	DRY	0.00
10/24/12	ND	DRY	0.00
11/15/12	ND	DRY	0.00
12/13/12	ND	DRY	0.00
03/15/13	ND	18.46	0.00
04/26/13	ND	18.66	0.00
05/17/13	ND	18.76	0.00
06/28/13	ND	17.04	0.00
07/26/13	ND	18.64	0.00
08/30/13	ND	DRY	0.00
09/27/13	ND	18.81	0.00
10/18/13	ND	DRY	0.00
11/22/13	ND	DRY	0.00
12/26/13	ND	18.76	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

ECS-3

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/18/96	ND	16.98	0.00
11/25/96	17.72	18.39	0.67
12/19/96	14.73	14.74	0.01
01/31/97	16.59	17.50	0.91
03/06/97	16.54	16.75	0.21
05/19/98	17.23	17.53	0.30
11/30/98	19.60	19.65	0.05
04/01/99	13.40	14.30	0.90
08/24/99	18.73	18.82	0.09
11/24/99	17.97	18.00	0.03
01/28/00	18.52	18.65	0.13
03/30/00	17.42	17.45	0.03
04/21/00	16.88	17.00	0.12
08/23/00	16.33	16.40	0.07
11/20/00	16.80	17.23	0.43
01/29/01	18.20	18.60	0.40
07/11/01	16.95	17.30	0.35
10/12/01	18.50	18.54	0.04
08/20/02	17.93	17.94	0.01
05/29/03	ND	21.15	0.00
07/10/12	19.96	20.11	0.15
10/22/12	18.60	18.65	0.05
10/26/12	ND	17.76	0.00
11/15/12	20.06	20.08	0.02
12/13/12	20.48	20.68	0.20
03/15/13	NM	NM	NM
04/26/13	NM	NM	NM
05/17/13	NM	NM	NM
06/28/13	ND	17.79	0.00
07/26/13	19.07	19.12	0.05
08/30/13	19.34	19.39	0.05
09/27/13	19.38	19.40	0.02
10/18/13	19.70	19.80	0.10
11/22/13	ND	18.46	0.00
12/26/13	ND	18.36	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

ECS-9

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/18/96	ND	14.02	0.00
11/25/96	16.44	17.06	0.62
12/19/96	11.80	11.88	0.08
01/31/97	13.95	14.65	0.70
10/26/13	ND	16.78	0.00
03/06/97	14.12	14.32	0.20
05/19/98	14.31	14.66	0.35
11/30/98	18.73	19.09	0.36
04/01/99	12.24	12.35	0.11
08/24/99	18.65	18.87	0.22
11/24/99	ND	17.52	0.00
01/28/00	16.28	16.60	0.32
02/10/00	16.70	16.91	0.21
04/21/00	14.13	14.14	0.01
08/23/00	11.88	12.75	0.87
12/11/02	13.81	14.95	1.14
05/29/03	ND	DRY	0.00
12/01/03	12.88	13.00	0.12
02/27/04	22.11	23.40	1.29
07/29/04	20.20	20.21	0.01
08/09/04	18.57	20.54	1.97
08/19/04	16.81	18.70	1.89
08/26/04	14.90	15.03	0.13
09/07/04	20.71	21.61	0.90
09/09/04	20.41	21.39	0.98
09/16/04	19.44	20.26	0.82
09/23/04	11.12	13.76	2.64
09/30/04	NM	NM	NM
10/14/04	19.54	20.11	0.57
10/21/04	18.23	18.25	0.02
01/08/00	20.26	20.75	0.49
01/10/05	17.95	18.43	0.48
01/31/05	19.92	20.22	0.30
02/14/05	15.55	15.60	0.05
02/28/05	18.09	18.53	0.44
04/11/05	9.98	11.27	1.29
04/25/05	15.97	16.10	0.13
05/09/05	16.20	16.30	0.10
05/31/05	17.88	18.44	0.56
06/06/05	18.31	18.49	0.18
06/13/05	19.30	19.51	0.21
06/27/05	18.90	19.10	0.20
07/25/05	18.79	18.99	0.20
08/08/05	20.02	20.21	0.19
08/09/05	20.10	20.23	0.13
09/26/05	21.18	21.19	0.01

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

ECS-9

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
04/26/06	10.28	19.51	9.23
05/10/06	15.44	16.22	0.78
06/26/06	14.61	15.78	1.17
07/24/06	17.15	18.06	0.91
08/23/06	17.91	18.77	0.86
09/21/06	17.18	17.81	0.63
11/16/06	10.78	13.60	2.82
12/19/06	17.82	18.12	0.30
01/09/07	12.51	13.34	0.83
04/27/07	9.43	10.51	1.08
05/17/07	14.66	14.97	0.31
06/26/07	17.55	17.74	0.19
07/20/07	16.50	16.75	0.25
08/07/07	18.48	18.65	0.17
09/09/07	19.66	19.96	0.30
11/12/07	18.75	18.92	0.17
12/18/07	18.68	18.81	0.13
01/16/08	11.99	12.23	0.24
02/07/08	9.46	9.82	0.36
03/27/08	10.47	10.92	0.45
04/28/08	14.41	14.55	0.14
06/17/08	13.82	13.98	0.16
07/25/08	12.07	12.15	0.08
08/22/08	17.52	17.54	0.02
09/24/08	18.06	18.07	0.01
10/16/08	18.70	18.72	0.02
11/13/08	16.91	16.93	0.02
12/23/08	16.68	16.70	0.02
01/20/09	16.55	16.62	0.07
02/18/09	15.36	15.43	0.07
03/13/09	9.11	9.15	0.04
04/09/09	ND	10.06	0.00
05/28/09	15.00	15.25	0.25
06/23/09	8.67	8.81	0.14
07/24/09	10.63	10.75	0.12
08/28/09	10.31	10.45	0.14
09/28/09	17.00	17.11	0.11
10/21/09	17.45	17.58	0.13
11/25/09	16.45	16.50	0.05
12/14/09	14.32	14.41	0.09
02/02/10	15.44	15.49	0.05
04/28/10	13.33	13.41	0.08
05/27/10	16.04	16.15	0.11

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

ECS-9

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
08/19/10	19.71	19.74	0.03
12/22/10	18.73	18.75	0.02
03/22/11	9.54	9.55	0.01
07/28/11	10.23	10.25	0.02
11/17/11	15.17	15.26	0.09
02/07/12	ND	11.95	0.00
10/24/12	ND	19.67	0.00
03/26/12	15.75	15.81	0.06
04/24/12	ND	12.41	0.00
05/14/12	ND	11.95	0.00
05/16/12	ND	9.39	0.00
06/11/12	ND	16.03	0.00
07/10/12	ND	19.55	0.00
07/16/12	ND	19.75	0.00
08/13/12	ND	12.73	0.00
08/24/12	ND	17.42	0.00
09/10/12	ND	13.94	0.00
09/12/12	ND	16.18	0.00
10/22/12	ND	12.05	0.00
11/15/12	ND	18.74	0.00
12/13/12	ND	13.30	0.00
03/15/13	ND	10.95	0.00
04/26/13	ND	14.00	0.00
05/17/13	ND	16.20	0.00
06/28/13	ND	12.69	0.00
07/26/13	ND	17.04	0.00
08/30/13	ND	18.60	0.00
09/27/13	ND	18.28	0.00
10/18/13	ND	19.29	0.00
11/22/13	ND	19.45	0.00
12/26/13	ND	13.16	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

ECS-11

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
05/19/98	12.00	15.07	3.07
04/21/00	11.01	11.03	0.02
08/09/05	ND	DRY	0.00
05/15/12	14.71	15.30	0.59
06/11/12	ND	16.24	0.00
06/12/12	ND	16.33	0.00
06/15/12	ND	16.58	0.00
07/10/12	ND	DRY	0.00
10/26/12	15.60	15.65	0.05
11/15/12	ND	DRY	0.00
12/13/12	ND	DRY	0.00
03/15/13	11.55	11.57	0.02
04/26/13	15.57	15.62	0.05
05/17/13	ND	18.00	0.00
06/28/13	ND	12.74	0.00
07/26/13	ND	17.47	0.00
08/30/13	ND	17.85	0.00
09/27/13	ND	11.90	0.00
10/18/13	ND	18.66	0.00
11/22/13	ND	DRY	0.00
12/26/13	ND	14.53	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)
DTW = Depth to Water (Ft below top of riser pipe)
NA = Not Applicable
ND = NAPL not detected
NM - Not Monitored
NAPL = Non Aqueous Phase Liquid
= NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

ECS-15

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
11/22/13	ND	15.78	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-2

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
02/23/04	ND	DRY	0.00
03/26/04	ND	18.65	0.00
04/15/04	ND	11.90	0.00
04/22/04	ND	12.00	0.00
04/29/04	ND	12.02	0.00
06/11/04	ND	13.28	0.00
06/24/04	18.23	18.90	0.67
09/26/05	ND	18.87	0.00
09/30/05	ND	18.85	0.00
03/28/08	ND	12.19	0.00
07/25/08	ND	9.33	0.00
10/17/08	ND	18.31	0.00
02/17/09	ND	15.13	0.00
05/28/09	ND	14.67	0.00
09/28/09	ND	16.81	0.00
12/15/09	ND	8.67	0.00
03/18/10	ND	8.27	0.00
07/12/12	ND	17.96	0.00
06/28/13	NM	NM	NM
10/18/13	ND	18.62	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-3

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
05/20/04	ND	14.60	0.00
06/11/04	ND	13.28	0.00
06/24/04	18.23	18.90	0.67
07/20/12	ND	DRY	0.00
10/26/12	ND	16.78	0.00
12/13/12	ND	18.95	0.00
03/15/13	ND	14.42	0.00
06/28/13	ND	16.62	0.00
10/18/13	ND	18.91	0.00
12/26/13	ND	12.32	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-4

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/26/12	ND	12.51	0.00
11/14/12	ND	12.45	0.00
06/28/13	NM	NM	NM

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-7

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/01/03	ND	19.10	0.00
02/27/04	ND	21.84	0.00
05/13/04	ND	19.01	0.00
05/20/04	ND	17.30	0.00
06/11/04	ND	16.55	0.00
02/21/05	ND	13.09	0.00
08/09/05	ND	18.75	0.00
05/09/06	ND	19.20	0.00
09/20/06	ND	19.86	0.00
04/26/07	ND	17.74	0.00
07/25/08	16.92	17.19	0.27
08/22/08	18.65	18.66	0.01
09/24/08	ND	19.01	0.00
10/16/08	19.19	19.22	0.03
11/13/08	ND	18.35	0.00
12/23/08	ND	18.22	0.00
01/20/09	ND	17.90	0.00
04/09/09	ND	17.04	0.00
05/28/09	ND	17.21	0.00
06/23/09	ND	16.94	0.00
07/24/09	ND	16.31	0.00
08/28/09	ND	16.75	0.00
09/28/09	ND	17.91	0.00
10/21/09	ND	18.55	0.00
11/25/09	ND	18.17	0.00
12/14/09	ND	17.80	0.00
02/02/10	NM	NM	NM
05/17/13	NM	NM	NM
03/18/10	17.20	17.28	0.08
04/28/10	ND	17.77	0.00
01/08/00	ND	18.57	0.00
08/19/10	20.05	20.11	0.06
12/22/10	19.04	19.05	0.01
03/22/11	ND	16.79	0.00
07/28/11	ND	18.15	0.00
11/17/11	ND	17.21	0.00
02/07/12	ND	17.29	0.00
03/26/12	ND	18.44	0.00
04/25/12	18.58	18.61	0.03
05/14/12	ND	18.12	0.00
06/13/12	ND	18.64	0.00
07/10/12	19.83	19.84	0.01
07/18/12	ND	20.06	0.00
08/15/12	20.11	20.18	0.07
08/24/12	ND	20.40	0.00
09/14/12	ND	20.55	0.00
10/24/12	ND	19.51	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-7

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
11/15/12	ND	19.60	0.00
12/13/12	ND	19.82	0.00
03/15/13	ND	18.34	0.00
04/26/13	ND	18.50	0.00
05/17/13	ND	19.07	0.00
06/28/13	ND	16.90	0.00
07/26/13	ND	18.54	0.00
08/30/13	ND	19.06	0.00
09/27/13	ND	19.11	0.00
10/18/13	ND	19.64	0.00
12/26/13	ND	18.67	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-8

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/23/08	17.70	17.71	0.01
01/20/09	ND	16.51	0.00
03/13/09	ND	14.30	0.00
04/09/09	ND	14.40	0.00
05/28/09	ND	16.81	0.00
06/23/09	ND	15.33	0.00
07/24/09	ND	15.94	0.00
08/28/09	ND	15.55	0.00
09/28/09	ND	16.82	0.00
10/21/09	ND	17.48	0.00
11/25/09	ND	16.81	0.00
12/14/09	ND	15.90	0.00
02/02/10	ND	16.88	0.00
03/18/10	ND	13.51	0.00
04/28/10	ND	16.68	0.00
05/27/10	ND	17.91	0.00
08/19/10	ND	18.37	0.00
12/22/10	ND	17.21	0.00
07/28/11	17.14	17.52	0.38
11/17/11	15.98	16.33	0.35
02/07/12	16.16	16.31	0.15
05/14/12	17.41	17.47	0.06
05/17/12	16.95	17.01	0.06
06/13/12	18.41	18.67	0.26
07/10/12	ND	19.98	0.00
07/18/12	ND	20.16	0.00
07/19/12	NM	NM	NM
08/15/12	ND	20.23	0.00
08/24/12	ND	20.40	0.00
01/08/00	20.62	20.64	0.02
10/24/12	19.55	19.65	0.10
11/15/12	19.61	19.62	0.01
12/13/12	ND	19.93	0.00
03/15/13	ND	18.31	0.00
04/26/13	ND	19.26	0.00
05/17/13	ND	19.19	0.00
06/28/13	ND	17.11	0.00
07/26/13	ND	18.81	0.00
08/30/13	ND	19.27	0.00
09/27/13	ND	19.30	0.00
10/18/13	ND	19.80	0.00
12/26/13	ND	18.73	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than

MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-10

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
04/26/06	ND	16.28	0.00
05/10/06	17.02	17.03	0.01
06/26/06	ND	16.02	0.00
07/24/06	ND	17.28	0.00
08/23/06	ND	17.55	0.00
09/21/06	ND	17.77	0.00
11/16/06	ND	15.58	0.00
12/19/06	ND	17.14	0.00
01/09/07	ND	15.34	0.00
04/27/07	ND	14.12	0.00
05/17/07	ND	15.91	0.00
06/26/07	ND	17.33	0.00
07/20/07	ND	17.25	0.00
08/07/07	ND	18.05	0.00
11/12/07	ND	18.06	0.00
03/27/08	ND	15.85	0.00
04/28/08	ND	13.87	0.00
05/08/08	ND	13.70	0.00
06/17/08	ND	15.11	0.00
08/22/08	ND	16.86	0.00
09/24/08	ND	17.31	0.00
10/16/08	ND	17.37	0.00
11/13/08	ND	16.46	0.00
12/23/08	ND	16.23	0.00
04/09/09	ND	12.89	0.00
05/28/09	ND	16.01	0.00
06/23/09	NM	NM	NM
07/24/09	ND	12.85	0.00
08/28/09	ND	11.65	0.00
01/08/00	ND	16.03	0.00
10/21/09	ND	16.84	0.00
11/25/09	ND	16.22	0.00
12/14/09	ND	15.44	0.00
03/18/10	ND	13.20	0.00
04/28/10	ND	16.09	0.00
05/27/10	ND	17.02	0.00
08/19/10	ND	18.26	0.00
12/22/10	ND	16.48	0.00
03/22/11	8.40	8.41	0.01
07/28/11	ND	16.42	0.00
11/17/11	ND	16.20	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-10

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
02/07/12	ND	13.70	0.00
05/14/12	ND	16.20	0.00
07/12/12	ND	17.89	0.00
08/24/12	ND	18.40	0.00
10/25/12	ND	19.51	0.00
11/15/12	ND	17.70	0.00
10/18/13	ND	17.71	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-10R

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
04/26/06	16.40	17.18	0.78
05/10/06	17.31	17.79	0.48
06/26/06	13.09	13.46	0.37
07/24/06	15.31	15.90	0.59
08/23/06	14.83	15.32	0.49
09/21/06	18.11	18.71	0.60
12/19/06	13.59	13.63	0.04
01/09/07	13.94	13.95	0.01
05/17/07	16.43	16.44	0.01
06/26/07	ND	17.77	0.00
07/20/07	ND	21.30	0.00
08/07/07	ND	21.95	0.00
09/09/07	18.82	18.94	0.12
11/12/07	18.41	18.63	0.22
03/27/08	15.45	15.71	0.26
04/28/08	15.88	16.02	0.14
05/08/08	16.05	16.18	0.13
06/17/08	16.40	16.44	0.04
08/22/08	17.56	17.59	0.03
09/24/08	ND	17.87	0.00
10/16/08	ND	17.95	0.00
11/13/08	17.13	17.18	0.05
12/23/08	16.91	16.95	0.04
01/20/09	17.62	17.64	0.02
04/09/09	ND	15.93	0.00
05/28/09	ND	16.80	0.00
06/23/09	NM	NM	NM
07/24/09	ND	15.93	0.00
08/28/09	15.96	15.97	0.01
01/08/00	ND	16.76	0.00
10/21/09	ND	17.40	0.00
11/25/09	16.81	16.82	0.01
12/14/09	ND	16.32	0.00
03/18/10	ND	15.21	0.00
04/28/10	ND	16.59	0.00
05/27/10	ND	17.45	0.00
08/19/10	18.66	18.68	0.02
12/22/10	17.10	17.14	0.04
03/22/11	15.06	15.07	0.01
07/28/11	17.11	17.13	0.02
11/17/11	15.90	15.94	0.04
02/07/12	16.03	16.07	0.04
03/29/12	ND	16.85	0.00
04/26/12	ND	17.25	0.00
05/14/12	ND	16.71	0.00
05/21/12	ND	19.51	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-10R

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/14/12	ND	17.06	0.00
07/12/12	18.30	18.31	0.01
07/19/12	ND	18.29	0.00
08/16/12	18.41	18.43	0.02
08/24/12	18.68	18.69	0.01
09/15/12	18.75	18.83	0.08
10/25/12	ND	17.76	0.00
11/15/12	ND	18.00	0.00
12/13/12	ND	18.12	0.00
03/15/13	WI	WI	WI
04/26/13	ND	17.10	0.00
05/17/13	ND	17.49	0.00
06/28/13	ND	15.55	0.00
07/26/13	ND	17.12	0.00
08/30/13	ND	17.48	0.00
09/27/13	ND	17.58	0.00
10/18/13	ND	17.99	0.00
12/26/13	ND	16.92	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

WI = Well Inaccessible

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

EXP-12R

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
05/17/13	ND	18.29	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NL = Not Located

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-13

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
04/26/06	17.79	18.11	0.32
05/10/06	18.48	18.85	0.37
06/26/06	17.42	17.71	0.29
07/24/06	ND	18.81	0.00
08/23/06	18.79	19.11	0.32
09/21/06	19.11	19.45	0.34
11/16/06	17.30	17.45	0.15
12/19/06	18.46	18.69	0.23
01/09/07	17.00	17.06	0.06
04/27/07	ND	13.40	0.00
05/17/07	17.75	17.77	0.02
06/26/07	18.80	18.86	0.06
07/20/07	18.66	18.76	0.10
08/07/07	19.26	19.48	0.22
09/09/07	19.59	19.81	0.22
11/12/07	ND	17.06	0.00
04/28/08	ND	16.99	0.00
05/08/08	17.18	17.22	0.04
06/17/08	17.29	17.32	0.03
08/22/08	18.53	18.61	0.08
09/24/08	18.81	18.86	0.05
10/16/08	18.86	18.92	0.06
11/13/08	18.09	18.11	0.02
12/23/08	17.81	17.82	0.01
04/09/09	ND	16.91	0.00
05/28/09	ND	17.75	0.00
06/23/09	NM	NM	NM
07/24/09	ND	16.92	0.00
08/28/09	ND	17.21	0.00
01/08/00	ND	17.81	0.00
10/21/09	ND	18.35	0.00
11/25/09	ND	17.61	0.00
12/14/09	ND	17.29	0.00
03/18/10	ND	16.11	0.00
04/28/10	ND	17.64	0.00
05/27/10	18.46	18.47	0.01
08/19/10	19.44	19.58	0.14
12/22/10	17.99	18.01	0.02

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-13

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
03/22/11	ND	16.16	0.00
07/28/11	ND	18.37	0.00
11/17/11	ND	17.04	0.00
02/07/12	ND	17.07	0.00
03/30/12	ND	18.07	0.00
04/27/12	18.40	18.44	0.04
05/14/12	ND	17.62	0.00
05/22/12	ND	19.51	0.00
06/15/12	ND	18.11	0.00
07/12/12	ND	20.08	0.00
08/24/12	19.40	19.55	0.15
10/26/12	18.65	18.76	0.11
11/15/12	18.80	18.88	0.08
12/13/12	18.92	18.94	0.02
03/15/13	WI	WI	WI
04/26/13	ND	18.04	0.00
05/17/13	ND	18.40	0.00
06/28/13	ND	16.54	0.00
07/26/13	18.12	18.13	0.01
08/30/13	ND	18.38	0.00
09/27/13	ND	18.49	0.00
10/18/13	ND	18.72	0.00
12/26/13	WI	WI	WI

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

WI = Well Inaccessible

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-13R

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/03/03	18.77	18.80	0.03
01/07/04	ND	20.12	0.00
02/23/04	21.65	21.80	0.15
03/03/04	ND	19.36	0.00
03/12/04	ND	14.40	0.00
03/26/04	ND	16.90	0.00
03/31/04	ND	7.40	0.00
04/07/04	ND	8.39	0.00
04/15/04	ND	9.23	0.00
04/22/04	ND	14.53	0.00
04/29/04	ND	14.50	0.00
05/13/04	ND	14.42	0.00
05/20/04	ND	12.26	0.00
06/11/04	ND	9.94	0.00
07/29/04	ND	18.05	0.00
08/09/04	ND	15.17	0.00
08/19/04	ND	8.62	0.00
08/26/04	ND	9.70	0.00
09/07/04	ND	8.51	0.00
09/09/04	ND	12.93	0.00
09/16/04	ND	11.36	0.00
09/23/04	ND	7.84	0.00
09/30/04	ND	12.06	0.00
10/14/04	ND	12.09	0.00
10/21/04	ND	13.70	0.00
10/28/04	ND	15.22	0.00
07/12/12	NM	NM	NM
12/13/12	ND	18.83	0.00
03/15/13	WI	WI	WI
05/17/13	ND	18.29	0.00
06/28/13	ND	16.45	0.00
10/18/13	ND	18.75	0.00
12/26/13	WI	WI	WI

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

WI = Well Inaccessible

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-14

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/03/03	21.90	21.95	0.05
01/14/04	ND	15.51	0.00
03/26/04	ND	20.83	0.00
04/15/04	ND	15.57	0.00
04/22/04	ND	16.38	0.00
04/29/04	ND	16.37	0.00
05/13/04	ND	16.06	0.00
05/20/04	ND	13.10	0.00
06/11/04	ND	11.82	0.00
06/24/04	ND	21.10	0.00
07/29/04	ND	19.15	0.00
08/09/04	ND	18.65	0.00
08/19/04	ND	10.82	0.00
08/26/04	ND	12.70	0.00
09/07/04	ND	11.19	0.00
09/09/04	ND	14.72	0.00
09/16/04	ND	14.82	0.00
09/23/04	ND	8.11	0.00
09/30/04	ND	11.53	0.00
10/14/04	ND	11.57	0.00
10/28/04	ND	17.71	0.00
03/27/08	ND	9.72	0.00
07/24/08	ND	9.89	0.00
10/17/08	ND	19.58	0.00
02/17/09	ND	19.11	0.00
05/27/09	ND	18.00	0.00
09/28/09	NM	NM	NM
12/15/09	ND	16.16	0.00
03/18/10	ND	9.40	0.00
07/12/12	ND	19.93	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-15

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
03/26/04	ND	20.93	0.00
04/15/04	ND	16.85	0.00
04/22/04	ND	20.52	0.00
04/29/04	ND	20.51	0.00
05/13/04	ND	20.46	0.00
05/20/04	ND	16.10	0.00
06/11/04	ND	22.52	0.00
06/24/04	ND	24.10	0.00
07/29/04	ND	22.65	0.00
08/09/04	ND	24.30	0.00
08/19/04	ND	19.21	0.00
08/26/04	ND	20.80	0.00
09/07/04	ND	20.19	0.00
09/09/04	ND	18.72	0.00
09/16/04	ND	22.10	0.00
09/30/04	20.33	21.09	0.76
10/14/04	ND	19.04	0.00
10/21/04	ND	17.21	0.00
10/28/04	ND	24.68	0.00
07/10/12	ND	19.10	0.00
12/13/12	ND	19.15	0.00
03/15/13	ND	16.55	0.00
06/28/13	ND	16.33	0.00
10/18/13	ND	18.51	0.00
12/26/13	ND	16.61	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM = Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

EXP-16

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/26/12	ND	18.18	0.00
11/16/12	ND	18.45	0.00
12/14/12	ND	19.00	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-18

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/03/03	20.02	20.15	0.13
01/02/04	18.35	18.38	0.03
01/05/04	ND	20.55	0.00
01/07/04	ND	22.50	0.00
01/14/04	ND	22.03	0.00
01/19/04	ND	18.99	0.00
01/23/04	20.44	20.50	0.06
01/26/04	ND	21.64	0.00
01/28/04	ND	21.03	0.00
02/02/04	ND	21.80	0.00
02/06/04	ND	21.60	0.00
02/09/04	ND	23.07	0.00
02/13/04	ND	21.58	0.00
02/16/04	ND	22.81	0.00
02/18/04	ND	24.00	0.00
02/20/04	ND	23.55	0.00
02/23/04	ND	22.05	0.00
03/01/04	ND	23.29	0.00
03/03/04	ND	21.10	0.00
03/05/04	ND	22.79	0.00
03/10/04	ND	23.60	0.00
03/12/04	ND	22.69	0.00
03/15/04	ND	21.75	0.00
03/19/04	ND	23.02	0.00
03/22/04	ND	21.79	0.00
03/24/04	ND	21.70	0.00
03/29/04	NM	NM	NM
03/31/04	ND	20.41	0.00
04/02/04	ND	13.87	0.00
01/08/00	ND	10.70	0.00
04/07/04	ND	18.81	0.00
04/09/04	ND	18.95	0.00
04/12/04	ND	15.75	0.00
04/15/04	ND	17.92	0.00
04/19/04	ND	22.21	0.00
04/22/04	ND	21.73	0.00
04/26/04	ND	15.80	0.00
04/29/04	ND	21.98	0.00
05/03/04	ND	15.85	0.00
05/10/04	ND	19.90	0.00
05/13/04	ND	17.87	0.00
05/17/04	ND	17.85	0.00
05/20/04	ND	15.85	0.00
05/24/04	ND	19.65	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-18

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/02/04	ND	19.18	0.00
06/07/04	ND	19.51	0.00
06/11/04	ND	22.87	0.00
06/14/04	ND	22.81	0.00
06/21/04	ND	15.85	0.00
06/24/04	ND	22.85	0.00
07/21/04	ND	21.53	0.00
07/22/04	ND	21.80	0.00
07/26/04	ND	19.80	0.00
07/29/04	ND	22.65	0.00
08/02/04	ND	20.63	0.00
08/05/04	ND	24.20	0.00
08/09/04	ND	24.25	0.00
08/13/04	ND	21.45	0.00
08/19/04	ND	21.41	0.00
08/23/04	ND	22.01	0.00
08/26/04	ND	22.71	0.00
08/30/04	ND	21.89	0.00
09/07/04	ND	22.68	0.00
09/09/04	ND	20.64	0.00
09/16/04	ND	23.13	0.00
09/27/04	ND	19.57	0.00
10/05/04	ND	23.50	0.00
10/14/04	ND	21.59	0.00
10/21/04	ND	20.15	0.00
10/25/04	ND	DRY	0.00
10/28/04	ND	DRY	0.00
11/15/04	ND	DRY	0.00
01/21/05	ND	23.20	0.00
02/08/05	ND	19.56	0.00
02/21/05	ND	DRY	0.00
03/02/05	ND	20.48	0.00
04/11/05	ND	21.80	0.00
04/14/05	ND	17.89	0.00
06/27/05	ND	21.48	0.00
08/09/05	ND	DRY	0.00
09/26/05	ND	DRY	0.00
09/30/05	ND	DRY	0.00
05/10/06	ND	18.77	0.00
09/21/06	ND	19.23	0.00
04/21/07	ND	16.74	0.00
03/27/08	ND	16.96	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-18

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
07/24/08	ND	16.61	0.00
10/16/08	ND	18.93	0.00
02/18/09	ND	18.16	0.00
05/27/09	ND	18.01	0.00
09/28/09	ND	18.00	0.00
12/15/09	ND	18.92	0.00
03/19/10	ND	15.60	0.00
07/11/12	ND	18.66	0.00
10/24/12	ND	19.67	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-22

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/05/03	ND	18.80	0.00
01/02/04	ND	17.00	0.00
01/05/04	ND	16.98	0.00
01/07/04	ND	20.74	0.00
01/19/04	ND	17.50	0.00
01/23/04	ND	18.95	0.00
01/26/04	19.83	22.50	2.67
01/28/04	ND	20.35	0.00
02/02/04	ND	20.11	0.00
02/06/04	19.98	22.47	2.49
02/09/04	ND	20.89	0.00
02/13/04	ND	20.45	0.00
02/16/04	ND	20.93	0.00
02/18/04	ND	20.80	0.00
02/20/04	ND	20.55	0.00
02/23/04	ND	20.62	0.00
03/01/04	ND	22.26	0.00
03/03/04	ND	20.78	0.00
03/05/04	ND	21.17	0.00
03/10/04	ND	21.04	0.00
03/12/04	ND	20.66	0.00
03/19/04	ND	21.20	0.00
03/22/04	ND	20.19	0.00
03/24/04	ND	20.20	0.00
03/29/04	ND	16.66	0.00
03/31/04	ND	16.94	0.00
04/02/04	NM	NM	NM
04/05/04	ND	15.60	0.00
04/07/04	ND	16.84	0.00
01/08/00	ND	9.10	0.00
04/12/04	ND	17.90	0.00
04/15/04	ND	16.08	0.00
04/19/04	ND	20.05	0.00
04/22/04	ND	20.47	0.00
04/26/04	ND	19.73	0.00
04/29/04	ND	20.22	0.00
05/03/04	ND	19.74	0.00
05/10/04	ND	16.58	0.00
05/13/04	ND	21.97	0.00
05/17/04	ND	12.22	0.00
05/20/04	ND	5.00	0.00
05/24/04	ND	6.20	0.00
06/07/04	ND	19.42	0.00
06/11/04	ND	20.80	0.00
06/14/04	ND	20.91	0.00
06/21/04	ND	19.51	0.00
06/24/04	ND	19.40	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-22

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
07/22/04	ND	20.24	0.00
07/26/04	ND	20.40	0.00
07/29/04	ND	7.95	0.00
08/02/04	ND	19.25	0.00
08/05/04	ND	30.50	0.00
08/09/04	ND	22.85	0.00
08/13/04	ND	19.40	0.00
08/19/04	ND	18.11	0.00
08/23/04	ND	18.74	0.00
08/26/04	ND	19.70	0.00
08/30/04	ND	20.69	0.00
09/07/04	ND	19.06	0.00
09/09/04	17.08	17.31	0.23
09/13/04	ND	20.14	0.00
09/16/04	ND	22.19	0.00
09/27/04	ND	17.12	0.00
09/30/04	ND	26.62	0.00
10/05/04	ND	31.90	0.00
10/14/04	ND	17.98	0.00
10/25/04	ND	DRY	0.00
10/28/04	ND	34.05	0.00
11/15/04	ND	34.15	0.00
01/12/05	ND	22.30	0.00
02/08/05	ND	18.06	0.00
04/11/05	ND	18.70	0.00
04/15/05	ND	16.32	0.00
06/27/05	ND	17.85	0.00
08/09/05	ND	17.80	0.00
09/26/05	ND	17.60	0.00
09/30/05	ND	18.98	0.00
05/10/06	ND	17.00	0.00
07/10/12	ND	18.74	0.00
10/26/12	ND	17.30	0.00
11/16/12	ND	17.66	0.00
12/14/12	ND	17.28	0.00
03/15/13	ND	15.72	0.00
06/28/13	ND	15.60	0.00
07/26/13	ND	16.65	0.00
10/18/13	ND	17.40	0.00
12/26/13	ND	16.05	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than

MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

EXP-23

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/26/12	ND	17.90	0.00
11/16/12	NL	NL	NL
12/14/12	ND	17.60	0.00
07/26/13	ND	17.20	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NL = Not Located

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-206

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/11/02	12.75	23.30	10.55
12/04/03	19.48	21.34	1.86
02/27/04	21.83	21.86	0.03
03/12/04	22.55	22.96	0.41
01/02/04	18.15	18.69	0.54
01/05/04	19.41	19.75	0.34
01/07/04	22.40	22.60	0.20
01/14/04	21.95	22.03	0.08
01/19/04	18.96	19.15	0.19
01/23/04	20.39	20.70	0.31
01/26/04	21.46	22.22	0.76
01/28/04	21.60	21.65	0.05
02/02/04	21.60	22.40	0.80
02/06/04	21.60	22.15	0.55
02/13/04	22.40	22.44	0.04
02/18/04	22.42	23.15	0.73
02/20/04	ND	22.30	0.00
02/23/04	21.83	21.86	0.03
03/01/04	22.94	23.05	0.11
03/03/04	22.07	23.00	0.93
03/05/04	22.61	23.25	0.64
03/10/04	22.52	22.98	0.46
03/12/04	22.55	22.96	0.41
03/15/04	21.59	22.25	0.66
03/19/04	ND	22.30	0.00
03/22/04	21.60	22.40	0.80
03/24/04	NM	NM	NM
03/29/04	19.00	19.40	0.40
03/31/04	18.45	18.50	0.05
01/08/00	13.70	13.81	0.11
04/05/04	17.15	17.20	0.05
04/07/04	18.74	19.04	0.30
04/09/04	ND	18.86	0.00
04/12/04	19.90	20.00	0.10
04/15/04	17.37	18.20	0.83
04/19/04	22.26	22.31	0.05
04/22/04	21.70	21.83	0.13
04/26/04	ND	20.17	0.00
04/29/04	ND	21.95	0.00
05/03/04	20.45	20.60	0.15
05/10/04	ND	19.34	0.00
05/13/04	17.78	18.20	0.42
05/17/04	17.78	17.98	0.20
05/20/04	ND	22.75	0.00
05/24/04	ND	20.63	0.00
06/02/04	16.92	19.51	2.59

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-206

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/07/04	21.53	21.68	0.15
06/11/04	22.90	22.94	0.04
06/14/04	22.95	23.01	0.06
06/21/04	ND	23.36	0.00
06/24/04	22.80	22.85	0.05
07/29/04	22.05	22.15	0.10
08/09/04	23.30	23.42	0.12
08/19/04	20.94	21.92	0.98
08/26/04	22.42	22.50	0.08
09/07/04	21.63	22.59	0.96
09/09/04	20.44	20.77	0.33
09/16/04	22.89	23.35	0.46
09/30/04	18.41	18.47	0.06
10/14/04	21.48	22.24	0.76
10/21/04	19.96	19.99	0.03
10/28/04	ND	Dry	0.00
07/10/12	ND	18.30	0.00
12/14/12	ND	18.24	0.00
03/15/13	ND	17.28	0.00
06/28/13	16.72	17.13	0.41
07/26/13	ND	18.20	0.00
08/30/13	17.99	18.15	0.16
09/27/13	ND	17.25	0.00
10/18/13	ND	18.36	0.00
11/22/13	18.31	18.61	0.30
12/26/13	17.55	17.57	0.02

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-208

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/11/02	ND	13.37	0.00
05/29/03	ND	16.00	0.00
12/02/03	ND	16.85	0.00
02/23/04	ND	20.00	0.00
03/26/04	ND	DRY	0.00
08/30/04	ND	19.41	0.00
10/05/04	ND	16.20	0.00
02/21/05	ND	18.60	0.00
04/11/05	ND	12.88	0.00
04/15/05	ND	13.66	0.00
08/09/05	ND	19.67	0.00
09/26/05	ND	20.03	0.00
09/30/05	ND	20.02	0.00
05/10/06	ND	15.50	0.00
09/20/06	ND	17.96	0.00
04/26/07	ND	11.67	0.00
10/17/07	ND	DRY	0.00
03/28/08	ND	11.76	0.00
07/25/08	ND	15.94	0.00
10/17/08	ND	18.42	0.00
02/17/09	ND	16.33	0.00
05/28/09	ND	16.00	0.00
09/28/09	ND	15.78	0.00
12/15/09	ND	16.59	0.00
03/18/10	ND	12.21	0.00
07/10/12	19.02	19.15	0.13
10/23/12	NM	NM	NM
10/26/12	ND	19.45	0.00
11/15/12	ND	19.14	0.00
01/08/00	ND	19.82	0.00
03/15/13	ND	19.21	0.00
04/26/13	ND	17.85	0.00
05/17/13	ND	18.45	0.00
06/28/13	ND	14.32	0.00
07/26/13	ND	17.41	0.00
08/30/13	ND	18.41	0.00
09/27/13	ND	18.21	0.00
10/18/13	ND	19.06	0.00
11/22/13	ND	19.72	0.00
12/26/13	ND	18.53	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-218

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/03/03	20.46	21.10	0.64
01/05/04	19.83	20.55	0.72
01/07/04	23.15	24.00	0.85
01/14/04	22.50	22.60	0.10
01/19/04	19.69	20.50	0.81
01/23/04	20.62	22.46	1.84
01/26/04	21.95	22.28	0.33
01/28/04	22.20	22.40	0.20
02/02/04	22.11	24.29	2.18
02/06/04	22.02	22.30	0.28
02/13/04	23.30	25.00	1.70
02/16/04	23.32	24.97	1.65
02/18/04	23.19	24.97	1.78
02/20/04	22.75	22.78	0.03
02/23/04	22.17	25.01	2.84
03/03/04	22.31	25.03	2.72
03/05/04	22.70	24.98	2.28
03/10/04	22.70	25.00	2.30
03/12/04	22.66	25.00	2.34
03/15/04	22.21	23.75	1.54
03/19/04	23.30	25.10	1.80
03/22/04	22.20	24.00	1.80
03/24/04	22.35	22.50	0.15
03/29/04	19.79	20.35	0.56
03/31/04	19.13	19.45	0.32
04/02/04	14.15	14.20	0.05
04/05/04	NM	NM	NM
04/07/04	19.50	20.11	0.61
04/09/04	19.68	19.70	0.02
01/08/00	21.64	21.75	0.11
04/15/04	18.13	19.25	1.12
04/19/04	22.93	23.60	0.67
04/22/04	22.42	23.10	0.68
04/26/04	21.85	22.65	0.80
04/29/04	22.77	23.27	0.50
05/03/04	22.10	23.05	0.95
05/10/04	20.15	20.50	0.35
05/13/04	20.11	20.92	0.81
05/17/04	18.40	19.35	0.95
05/20/04	ND	22.95	0.00
05/24/04	21.30	21.50	0.20
06/02/04	20.05	20.17	0.12
06/07/04	22.04	23.32	1.28
06/11/04	23.52	24.53	1.01
06/14/04	23.62	24.59	0.97
06/21/04	24.86	19.51	-5.35

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-218

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/24/04	23.46	23.55	0.09
07/29/04	22.70	22.75	0.05
08/09/04	ND	DRY	0.00
08/19/04	21.30	24.29	2.99
08/26/04	23.10	23.20	0.10
09/07/04	22.28	24.40	2.12
09/09/04	20.79	22.93	2.14
09/16/04	23.43	25.10	1.67
09/30/04	18.83	20.41	1.58
10/14/04	23.25	23.86	0.61
10/21/04	ND	20.07	0.00
10/28/04	ND	DRY	0.00
01/31/05	ND	DRY	0.00
08/09/05	ND	DRY	0.00
07/11/12	17.05	25.11	8.06
07/12/12	19.55	20.61	1.06
07/16/12	19.29	21.38	2.09
07/20/12	19.31	21.67	2.36
08/17/12	19.53	20.60	1.07
08/24/12	19.90	20.10	0.20
10/26/12	19.06	19.34	0.28
11/16/12	ND	19.40	0.00
12/13/12	ND	19.50	0.00
03/15/13	17.90	17.92	0.02
04/26/13	ND	19.17	0.00
05/17/13	ND	19.40	0.00
06/28/13	ND	17.82	0.00
07/26/13	ND	19.22	0.00
08/30/13	ND	19.11	0.00
09/27/13	ND	19.09	0.00
10/18/13	19.56	19.70	0.14
11/22/13	19.45	19.55	0.10
12/26/13	ND	18.20	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than

MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-225

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/02/03	ND	18.17	0.00
01/07/04	ND	22.58	0.00
01/14/04	ND	22.70	0.00
02/23/04	ND	23.20	0.00
10/26/13	ND	16.78	0.00
03/03/04	23.01	23.05	0.04
03/12/04	22.80	22.85	0.05
03/26/04	23.00	23.01	0.01
03/31/04	ND	19.42	0.00
04/07/04	ND	19.44	0.00
04/15/04	ND	19.18	0.00
04/22/04	ND	22.43	0.00
04/29/04	ND	21.93	0.00
05/13/04	ND	19.65	0.00
05/20/04	ND	22.60	0.00
06/11/04	ND	22.55	0.00
06/24/04	22.35	22.45	0.10
07/29/04	ND	20.35	0.00
08/09/04	ND	21.86	0.00
08/19/04	ND	21.59	0.00
08/26/04	ND	12.60	0.00
08/30/04	ND	22.64	0.00
09/09/04	21.54	21.56	0.02
09/16/04	ND	22.78	0.00
09/30/04	ND	19.17	0.00
10/05/04	ND	21.93	0.00
10/14/04	ND	22.08	0.00
10/21/04	NM	NM	NM
05/17/13	NM	NM	NM
10/28/04	ND	22.89	0.00
12/27/04	ND	20.27	0.00
01/08/00	ND	17.24	0.00
04/15/05	ND	17.55	0.00
08/09/05	ND	20.57	0.00
09/26/05	ND	22.20	0.00
09/30/05	ND	22.15	0.00
05/10/06	ND	18.14	0.00
09/21/06	ND	19.87	0.00
10/17/07	ND	20.40	0.00
03/28/08	ND	16.32	0.00
07/25/08	ND	16.79	0.00
10/17/08	ND	19.51	0.00
02/17/09	ND	18.47	0.00
05/28/09	ND	17.83	0.00
09/28/09	ND	18.40	0.00
12/15/09	ND	17.32	0.00

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

GES-225

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
03/18/10	ND	16.00	0.00
07/10/12	ND	19.51	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-227

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
01/02/04	19.40	19.99	0.59
01/05/04	24.30	24.70	0.40
01/07/04	23.35	24.31	0.96
01/14/04	22.75	23.80	1.05
01/19/04	19.99	20.70	0.71
01/23/04	21.21	21.93	0.72
01/26/04	22.43	23.40	0.97
01/28/04	22.60	23.58	0.98
02/02/04	22.58	23.70	1.12
02/06/04	22.68	23.20	0.52
02/09/04	24.29	26.15	1.86
02/13/04	23.35	24.60	1.25
02/18/04	24.35	25.35	1.00
02/20/04	24.36	25.09	0.73
02/23/04	23.00	23.02	0.02
03/01/04	24.40	26.00	1.60
03/03/04	ND	18.40	0.00
03/05/04	22.78	23.50	0.72
03/10/04	22.95	23.41	0.46
03/12/04	23.15	23.74	0.59
03/15/04	22.47	23.00	0.53
03/19/04	24.61	24.80	0.19
03/22/04	22.60	23.25	0.65
03/24/04	22.55	23.10	0.55
03/29/04	18.00	18.75	0.75
03/31/04	16.85	17.75	0.90
04/02/04	NM	NM	NM
04/05/04	12.05	12.50	0.45
04/07/04	11.00	12.25	1.25
01/08/00	10.05	10.70	0.65
04/12/04	10.60	11.20	0.60
04/15/04	ND	11.20	0.00
04/19/04	11.00	11.58	0.58
04/22/04	ND	12.70	0.00
04/26/04	ND	13.70	0.00
04/29/04	ND	13.85	0.00
05/03/04	ND	14.45	0.00
05/10/04	ND	14.35	0.00
05/13/04	ND	13.90	0.00
05/17/04	ND	14.20	0.00
05/20/04	ND	17.05	0.00
05/24/04	ND	17.00	0.00
06/02/04	14.93	14.98	0.05
06/07/04	15.65	15.70	0.05

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-227

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/11/04	ND	16.65	0.00
06/14/04	ND	19.51	0.00
06/21/04	ND	18.20	0.00
06/24/04	ND	18.15	0.00
07/29/04	23.30	23.47	0.17
08/09/04	ND	25.90	0.00
08/19/04	22.28	23.06	0.78
08/26/04	23.40	23.43	0.03
08/30/04	ND	22.92	0.00
09/09/04	22.60	22.91	0.31
09/16/04	23.54	25.45	1.91
09/30/04	19.41	21.56	2.15
10/05/04	ND	22.90	0.00
10/14/04	21.27	26.78	5.51
10/21/04	21.69	21.70	0.01
10/28/04	ND	26.85	0.00
11/15/04	ND	26.43	0.00
12/27/04	24.57	26.83	2.26
01/10/05	ND	22.78	0.00
01/31/05	ND	26.42	0.00
02/14/05	23.84	24.00	0.16
02/21/05	25.00	25.90	0.90
04/11/05	20.85	25.49	4.64
04/15/05	ND	18.63	0.00
04/27/05	19.20	22.40	3.20
05/09/05	22.75	24.75	2.00
06/13/05	23.35	24.34	0.99
06/27/05	23.34	23.65	0.31
07/25/05	24.42	24.55	0.13
08/08/05	ND	21.80	0.00
09/30/05	ND	19.73	0.00
07/20/12	17.94	25.73	7.79
08/17/12	19.55	20.80	1.25
08/24/12	20.00	20.20	0.20
09/21/12	19.50	19.68	0.18
10/26/12	19.06	19.19	0.13
11/16/12	19.30	19.45	0.15
12/13/12	19.50	19.52	0.02
03/15/13	ND	17.86	0.00
04/26/13	ND	18.85	0.00
05/17/13	ND	19.30	0.00
06/28/13	17.60	17.64	0.04

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

GES-227

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
07/26/13	19.02	19.10	0.08
08/30/13	19.09	19.12	0.03
09/27/13	19.19	19.20	0.01
10/18/13	19.60	19.65	0.05
11/22/13	19.58	19.61	0.03
12/26/13	18.23	18.30	0.07

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES228

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/01/03	ND	23.57	0.00
01/28/04	23.15	23.17	0.02
02/13/04	23.85	23.90	0.05
02/18/04	24.15	24.19	0.04
10/26/13	ND	16.78	0.00
02/23/04	23.56	23.61	0.05
03/12/04	23.84	23.87	0.03
03/26/04	23.63	23.65	0.02
03/31/04	ND	19.59	0.00
04/07/04	19.93	19.95	0.02
04/15/04	ND	18.60	0.00
04/22/04	ND	23.22	0.00
04/29/04	22.55	22.57	0.02
05/13/04	19.53	19.55	0.02
05/20/04	ND	23.44	0.00
06/11/04	ND	23.72	0.00
06/24/04	23.63	23.65	0.02
07/29/04	23.05	23.07	0.02
08/09/04	ND	27.39	0.00
08/19/04	ND	22.43	0.00
08/26/04	ND	23.45	0.00
08/30/04	ND	23.16	0.00
09/09/04	22.04	22.07	0.03
09/16/04	ND	24.48	0.00
09/30/04	ND	20.22	0.00
10/05/04	24.80	24.83	0.03
10/14/04	22.95	23.11	0.16
10/21/04	NM	NM	NM
10/28/04	27.59	27.75	0.16
12/27/04	23.73	24.26	0.53
01/08/00	ND	21.73	0.00
02/14/05	23.70	24.50	0.80
02/28/05	ND	24.62	0.00
04/11/05	ND	22.90	0.00
04/14/05	ND	18.64	0.00
04/25/05	22.38	25.35	2.97
05/09/05	25.60	26.60	1.00
05/31/05	20.96	22.55	1.59
06/06/05	21.01	22.00	0.99
06/13/05	24.34	24.72	0.38
06/27/05	22.42	22.96	0.54
07/25/05	22.56	22.85	0.29
08/08/05	24.69	25.00	0.31
08/09/05	26.20	26.30	0.10
09/26/05	25.54	25.90	0.36
09/30/05	22.04	22.18	0.14
04/26/06	18.50	19.51	1.01
05/10/06	18.62	18.71	0.09
06/26/06	18.03	18.13	0.10

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES228

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
07/24/06	ND	19.48	0.00
08/23/06	19.75	19.86	0.11
09/21/06	19.92	20.01	0.09
11/16/06	18.37	18.47	0.10
12/19/06	18.43	18.48	0.05
01/09/07	17.84	17.86	0.02
04/27/07	16.51	16.55	0.04
05/17/07	16.93	16.96	0.03
06/26/07	ND	17.38	0.00
07/20/07	18.54	18.56	0.02
08/07/07	19.74	19.77	0.03
09/09/07	20.96	20.97	0.01
11/12/07	20.13	20.16	0.03
12/18/08	19.05	19.13	0.08
01/16/08	18.23	18.24	0.01
02/07/08	15.31	15.33	0.02
03/27/08	15.96	15.97	0.01
04/28/08	16.45	16.46	0.01
06/17/08	ND	15.40	0.00
07/25/08	ND	13.60	0.00
08/22/08	16.47	16.48	0.01
09/24/08	ND	16.56	0.00
10/16/08	ND	16.15	0.00
11/13/08	15.73	15.74	0.01
12/23/08	15.50	15.51	0.01
01/20/09	ND	17.06	0.00
02/18/09	ND	18.18	0.00
03/13/09	ND	17.09	0.00
04/09/09	ND	17.09	0.00
05/28/09	ND	18.73	0.00
06/23/09	16.36	16.37	0.01
07/24/09	ND	17.70	0.00
08/28/09	ND	16.95	0.00
09/28/09	ND	18.80	0.00
10/21/09	ND	18.47	0.00
11/25/09	ND	17.71	0.00
12/14/09	ND	17.89	0.00
02/02/10	ND	17.76	0.00
04/28/10	ND	17.59	0.00
05/27/10	ND	18.76	0.00
08/19/10	ND	20.42	0.00
12/22/10	ND	18.99	0.00
03/22/11	ND	15.96	0.00
07/28/11	ND	18.86	0.00

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

GES228

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/26/12	ND	19.03	0.00
11/16/12	ND	19.27	0.00
10/24/12	ND	19.67	0.00
06/28/13	ND	16.30	0.00
11/22/13	ND	19.75	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-232

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
12/04/03	ND	20.19	0.00
01/02/04	ND	18.15	0.00
01/07/04	ND	22.37	0.00
01/14/04	20.30	21.10	0.80
01/19/04	16.51	25.35	8.84
01/23/04	18.85	26.89	8.04
01/26/04	19.77	27.20	7.43
01/28/04	20.00	27.50	7.50
02/06/04	20.15	24.30	4.15
02/20/04	20.96	25.63	4.67
02/27/04	20.60	25.10	4.50
03/01/04	21.99	26.59	4.60
03/03/04	20.90	25.70	4.80
03/05/04	21.60	26.20	4.60
03/10/04	21.58	26.19	4.61
03/12/04	ND	22.42	0.00
03/15/04	22.65	22.73	0.08
03/19/04	24.10	24.75	0.65
03/22/04	ND	21.74	0.00
03/24/04	ND	14.35	0.00
03/29/04	ND	23.35	0.00
03/31/04	ND	20.66	0.00
04/02/04	14.05	14.50	0.45
04/05/04	ND	17.35	0.00
04/07/04	ND	22.99	0.00
04/09/04	ND	23.15	0.00
04/12/04	NM	NM	NM
04/15/04	16.98	17.04	0.06
04/19/04	ND	22.37	0.00
01/08/00	ND	21.51	0.00
04/26/04	ND	21.41	0.00
04/29/04	ND	23.68	0.00
05/03/04	21.57	21.63	0.06
05/10/04	ND	22.60	0.00
05/13/04	ND	20.45	0.00
05/17/04	ND	17.65	0.00
05/20/04	ND	23.70	0.00
05/24/04	ND	23.85	0.00
06/07/04	ND	23.92	0.00
06/11/04	ND	23.65	0.00
06/14/04	ND	23.81	0.00
06/21/04	ND	24.20	0.00
06/24/04	ND	24.00	0.00
07/22/04	ND	21.28	0.00
07/26/04	ND	22.61	0.00
07/29/04	ND	19.51	0.00
08/02/04	ND	20.47	0.00
08/05/04	ND	24.55	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-232

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
08/09/04	ND	21.50	0.00
08/13/04	ND	20.83	0.00
08/19/04	ND	21.44	0.00
08/26/04	ND	22.00	0.00
08/30/04	ND	21.63	0.00
09/09/04	ND	18.46	0.00
09/13/04	ND	20.83	0.00
09/16/04	ND	21.66	0.00
09/27/04	ND	15.35	0.00
09/30/04	ND	17.66	0.00
10/05/04	ND	24.17	0.00
10/14/04	ND	19.72	0.00
10/21/04	ND	18.15	0.00
10/25/04	ND	Dry	0.00
10/28/04	ND	Dry	0.00
11/15/04	ND	24.50	0.00
01/12/05	ND	21.96	0.00
02/08/05	ND	18.73	0.00
04/11/05	ND	23.95	0.00
04/15/05	ND	17.49	0.00
06/27/05	ND	23.85	0.00
09/26/05	ND	24.20	0.00
09/30/05	ND	19.95	0.00
10/26/12	20.17	20.20	0.03
11/16/12	ND	20.20	0.00
12/14/12	ND	15.00	0.00
03/15/13	ND	12.35	0.00
06/28/13	ND	12.68	0.00
10/18/13	ND	13.43	0.00
11/22/13	ND	13.46	0.00
12/26/13	WI	WI	WI

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

WI = Well Inaccessible

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-301S

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/28/13	ND	11.90	0.00
07/26/13	ND	12.07	0.00
08/30/13	ND	12.40	0.00
09/27/13	ND	12.72	0.00
10/18/13	ND	15.51	0.00
11/22/13	ND	16.84	0.00
12/26/13	nd	16.37	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-3011

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
02/27/04	20.84	27.20	6.36
04/15/04	15.43	24.00	8.57
04/22/04	19.67	26.45	6.78
04/29/04	19.09	26.30	7.21
05/13/04	16.30	18.10	1.80
05/20/04	19.61	22.03	2.42
06/11/04	19.50	27.15	7.65
07/29/04	ND	17.80	0.00
08/09/04	19.58	26.80	7.22
08/19/04	19.39	25.82	6.43
08/26/04	20.20	25.03	4.83
08/30/04	20.34	26.45	6.11
09/09/04	19.03	25.96	6.93
09/16/04	20.34	26.90	6.56
09/23/04	18.04	25.52	7.48
10/05/04	19.93	24.42	4.49
10/11/04	19.83	19.95	0.12
10/14/04	19.85	25.55	5.70
10/21/04	18.45	20.10	1.65
10/28/04	20.56	25.89	5.33
01/31/05	19.43	26.95	7.52
02/14/05	18.60	22.65	4.05
02/28/05	18.43	25.51	7.08
04/11/05	15.90	24.40	8.50
04/15/05	18.22	18.89	0.67
04/25/05	17.33	20.58	3.25
05/09/05	NM	NM	NM
05/31/05	19.19	23.00	3.81
06/06/05	20.43	22.16	1.73
01/08/00	20.89	21.51	0.62
06/27/05	20.05	21.90	1.85
07/25/05	20.44	21.07	0.63
08/08/05	20.75	22.10	1.35
08/09/05	20.86	22.25	1.39
09/26/05	20.18	25.00	4.82
09/30/05	20.47	25.27	4.80
04/26/06	16.80	25.11	8.31
05/10/06	18.84	22.15	3.31
06/26/06	17.47	21.68	4.21
07/24/06	17.15	18.06	0.91
08/23/06	19.32	25.48	6.16
09/21/06	19.77	25.28	5.51
11/16/06	15.96	25.27	9.31
12/19/06	18.17	23.80	5.63
01/09/07	17.33	20.60	3.27
04/27/07	15.37	19.51	4.14
05/17/07	18.23	19.18	0.95

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-3011

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/26/07	19.62	20.77	1.15
07/20/07	19.80	20.05	0.25
08/07/07	20.38	20.65	0.27
09/09/07	20.38	22.71	2.33
11/12/07	18.91	20.16	1.25
01/16/08	17.34	19.25	1.91
02/07/08	17.26	17.85	0.59
03/27/08	17.25	17.45	0.20
04/28/08	17.81	17.86	0.05
05/08/08	17.97	18.03	0.06
06/17/08	18.38	18.90	0.52
07/25/08	17.63	17.64	0.01
08/22/08	19.64	19.65	0.01
09/24/08	ND	19.96	0.00
10/16/08	ND	20.05	0.00
11/13/08	19.17	19.18	0.01
12/23/08	18.25	18.30	0.05
01/20/09	18.62	18.64	0.02
02/18/09	19.22	19.23	0.01
04/09/09	ND	17.91	0.00
05/28/09	18.80	18.91	0.11
06/23/09	17.80	17.95	0.15
07/24/09	17.96	18.08	0.12
08/28/09	17.82	17.96	0.14
09/28/09	18.75	18.79	0.04
10/21/09	19.45	19.51	0.06
11/25/09	18.85	18.91	0.06
12/14/09	18.31	18.41	0.10
02/02/10	19.05	19.06	0.01
03/18/10	17.18	17.20	0.02
04/28/10	18.61	18.62	0.01
05/27/10	19.54	19.56	0.02
08/19/10	19.46	24.80	5.34
12/22/10	17.93	20.78	2.85
03/22/11	15.68	21.60	5.92
07/28/11	18.91	20.22	1.31
03/26/12	18.67	19.20	0.53
04/23/12	ND	18.90	0.00
05/14/12	ND	18.64	0.00
06/12/12	ND	19.36	0.00
07/10/12	ND	21.20	0.00
07/17/12	ND	20.47	0.00

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-3011

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
08/14/12	ND	20.56	0.00
08/24/12	ND	17.05	0.00
09/10/12	ND	20.90	0.00
09/13/12	19.50	25.00	5.50
10/23/12	19.31	21.51	2.20
10/24/12	ND	19.67	0.00
11/15/12	ND	16.92	0.00
12/13/12	ND	22.20	0.00
03/15/13	14.72	14.74	0.02
04/26/13	17.31	25.64	8.33
05/17/13	19.63	19.66	0.03
06/28/13	ND	17.62	0.00
07/26/13	18.88	20.31	1.43
08/30/13	19.52	20.10	0.58
09/27/13	19.75	19.76	0.01
10/18/13	20.19	20.20	0.01
11/22/13	ND	20.30	0.00
12/26/13	ND	19.12	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-301D

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/28/13	ND	14.36	0.00
07/26/13	ND	15.51	0.00
08/30/13	ND	16.26	0.00
09/27/13	ND	16.46	0.00
10/18/13	ND	16.74	0.00
11/22/13	ND	16.73	0.00
12/26/13	ND	16.34	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

GES-302S

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/28/13	ND	9.28	0.00
11/22/13	ND	14.99	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-302I

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
02/24/04	ND	22.05	0.00
04/22/04	ND	21.45	0.00
04/29/04	ND	21.45	0.00
05/13/04	ND	18.27	0.00
05/20/04	ND	22.55	0.00
06/11/04	ND	22.72	0.00
07/22/04	ND	21.56	0.00
07/26/04	ND	22.61	0.00
07/29/04	ND	21.56	0.00
08/02/04	ND	20.55	0.00
08/05/04	ND	23.00	0.00
08/09/04	ND	22.79	0.00
08/19/04	ND	20.67	0.00
08/23/04	ND	21.29	0.00
08/26/04	ND	21.91	0.00
08/30/04	ND	21.69	0.00
09/09/04	ND	20.41	0.00
09/13/04	ND	22.07	0.00
09/16/04	ND	22.29	0.00
09/27/04	18.16	25.05	6.89
09/30/04	18.24	18.33	0.09
10/05/04	ND	21.65	0.00
10/11/04	ND	21.30	0.00
10/14/04	ND	21.32	0.00
10/21/04	ND	19.95	0.00
10/25/04	ND	24.05	0.00
10/28/04	NM	NM	NM
11/15/04	ND	22.68	0.00
01/12/05	ND	22.30	0.00
01/08/00	ND	19.47	0.00
02/21/05	ND	20.25	0.00
03/02/05	ND	19.43	0.00
04/11/05	ND	19.90	0.00
04/15/05	ND	13.68	0.00
06/27/05	ND	15.82	0.00
09/26/05	ND	21.69	0.00
09/30/05	ND	20.81	0.00
07/10/12	ND	19.34	0.00
12/14/12	ND	19.23	0.00
03/15/13	ND	17.52	0.00
06/28/13	ND	17.04	0.00
10/18/13	ND	19.10	0.00
11/22/13	ND	19.11	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM = Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

GES-302D

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
06/28/13	ND	13.10	0.00
11/22/13	ND	15.69	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-319S

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
02/26/04	ND	27.25	0.00
04/15/04	ND	14.04	0.00
04/22/04	ND	14.93	0.00
04/29/04	ND	14.57	0.00
05/13/04	ND	14.14	0.00
05/20/04	ND	15.15	0.00
06/11/04	ND	14.58	0.00
08/30/04	ND	16.14	0.00
10/05/04	ND	15.08	0.00
02/21/05	ND	14.69	0.00
04/11/05	ND	14.95	0.00
04/15/05	ND	13.67	0.00
08/09/05	ND	16.57	0.00
09/26/05	ND	17.65	0.00
09/30/05	ND	17.54	0.00
12/23/08	15.13	15.14	0.01
01/20/09	ND	14.05	0.00
02/18/09	ND	14.45	0.00
03/13/09	ND	14.11	0.00
04/09/09	ND	13.80	0.00
06/23/09	ND	13.87	0.00
07/24/09	ND	13.97	0.00
08/28/09	ND	13.12	0.00
09/28/09	ND	14.20	0.00
10/21/09	ND	15.03	0.00
11/25/09	ND	14.72	0.00
12/14/09	NM	NM	NM
02/02/10	ND	14.76	0.00
03/18/10	ND	14.00	0.00
01/08/00	ND	14.07	0.00
05/27/10	ND	15.03	0.00
08/19/10	ND	16.98	0.00
12/22/10	ND	15.21	0.00
03/22/11	ND	13.61	0.00
07/28/11	ND	15.04	0.00
11/17/11	ND	13.70	0.00
02/07/12	ND	13.25	0.00
05/14/12	ND	14.79	0.00
07/10/12	ND	16.25	0.00
08/24/12	ND	17.10	0.00
10/26/12	ND	16.71	0.00
11/15/12	ND	16.46	0.00
06/28/13	ND	13.89	0.00

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GES-319S

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
07/26/13	ND	15.06	0.00
08/30/13	ND	15.86	0.00
09/27/13	ND	15.86	0.00
10/18/13	ND	16.25	0.00
11/22/13	ND	16.31	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

GT-2

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
11/22/13	ND	18.98	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

WI = Well Inaccessible

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GT3

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/18/97	14.67	14.75	0.08
11/25/96	14.94	14.96	0.02
12/19/96	13.28	13.30	0.02
01/31/97	14.16	14.18	0.02
03/06/97	ND	13.90	0.00
04/01/99	13.78	13.80	0.02
11/24/99	15.95	17.05	1.10
01/28/00	15.89	16.80	0.91
02/10/00	16.32	16.66	0.34
04/21/00	13.63	13.90	0.27
08/23/00	ND	13.15	0.00
11/20/00	14.82	14.83	0.01
12/29/00	14.76	14.78	0.02
01/29/01	15.65	16.21	0.56
07/11/01	13.93	14.04	0.11
10/12/01	15.10	15.89	0.79
08/20/02	ND	16.89	0.00
12/11/02	14.50	15.69	1.19
05/29/03	ND	17.65	0.00
12/03/03	ND	DRY	0.00
07/12/12	ND	DRY	0.00
10/26/12	ND	17.63	0.00
11/15/12	ND	DRY	0.00
12/13/12	ND	17.70	0.00
03/15/13	WI	WI	WI
04/26/13	ND	17.20	0.00
05/17/13	ND	17.59	0.00
07/26/13	ND	17.60	0.00
10/18/13	ND	DRY	0.00
11/22/13	ND	17.60	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

WI = Well Inaccessible

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GT-5

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
04/21/00	13.05	13.22	0.17
08/23/00	ND	12.67	0.00
07/11/01	ND	12.52	0.00
10/12/01	ND	15.59	0.00
08/20/02	15.57	15.58	0.01
12/11/02	ND	13.85	0.00
05/29/03	ND	17.20	0.00
02/24/04	ND	18.43	0.00
03/27/08	ND	13.03	0.00
07/12/12	ND	18.01	0.00
12/13/12	ND	17.92	0.00
03/15/13	WI	WI	WI
04/26/13	ND	16.47	0.00
05/17/13	ND	17.09	0.00
07/26/13	ND	16.78	0.00
10/18/13	ND	17.10	0.00
11/22/13	ND	18.00	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

WI = Well Inaccessible

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GT6

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
10/18/96	14.82	14.86	0.04
11/25/96	14.87	14.91	0.04
12/19/96	13.45	13.49	0.04
01/31/97	14.31	14.34	0.03
03/06/97	ND	13.81	0.00
04/01/99	ND	14.14	0.00
11/24/99	ND	15.69	0.00
01/28/00	15.97	15.99	0.02
04/21/00	13.28	13.43	0.15
08/23/00	13.86	13.89	0.03
11/20/00	14.95	14.98	0.03
01/29/01	15.59	16.02	0.43
07/11/01	14.27	14.30	0.03
10/12/01	16.22	16.23	0.01
08/20/02	16.41	16.42	0.01
05/29/03	19.00	19.10	0.10
12/02/03	ND	17.20	0.00
02/27/04	20.44	20.46	0.02
08/30/04	20.17	20.39	0.22
10/05/04	19.56	19.76	0.20
04/11/05	15.88	16.18	0.30
04/14/05	16.30	16.46	0.16
04/25/05	16.35	16.50	0.15
05/09/05	18.40	18.50	0.10
05/31/05	18.36	18.49	0.13
06/06/05	18.40	18.51	0.11
06/13/05	NM	NM	NM
06/27/05	18.57	18.69	0.12
07/25/05	18.62	18.74	0.12
01/08/00	19.26	19.32	0.06
09/26/05	19.60	19.71	0.11
09/30/05	19.40	19.51	0.11
04/26/06	16.96	17.07	0.11
05/10/06	17.62	17.74	0.12
06/26/06	16.71	16.82	0.11
07/24/06	17.63	17.80	0.17
08/23/06	17.94	17.98	0.04
09/21/06	18.26	18.32	0.06
11/16/06	16.56	16.60	0.04
12/19/06	17.05	17.09	0.04
01/09/07	18.11	18.13	0.02
04/27/07	15.52	15.54	0.02
05/17/07	16.45	16.46	0.01
06/26/07	17.84	17.89	0.05

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

GT6

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
07/20/07	17.96	18.00	0.04
08/07/07	18.22	19.51	1.29
09/09/07	18.69	18.74	0.05
11/12/07	18.13	18.21	0.08
03/27/08	15.40	15.44	0.04
04/28/08	15.93	15.95	0.02
05/08/08	16.06	16.09	0.03
06/17/08	16.39	16.40	0.01
07/25/08	ND	16.05	0.00
08/22/08	17.34	17.35	0.01
09/24/08	ND	17.63	0.00
10/16/08	17.93	17.95	0.02
11/13/08	16.85	16.86	0.01
12/23/08	16.61	16.62	0.01
04/09/09	15.79	15.80	0.01
05/28/09	ND	17.03	0.00
06/23/09	15.65	15.69	0.04
07/24/09	16.08	16.09	0.01
08/28/09	16.02	16.03	0.01
09/28/09	ND	16.81	0.00
10/21/09	ND	17.38	0.00
11/25/09	16.85	16.86	0.01
03/18/10	ND	16.01	0.00
04/28/10	ND	16.57	0.00
05/27/10	ND	17.56	0.00
08/19/10	ND	18.73	0.00
12/22/10	ND	17.21	0.00
03/22/11	ND	15.46	0.00
07/28/11	ND	17.06	0.00
11/17/11	ND	15.00	0.00
02/07/12	ND	16.05	0.00
05/14/12	ND	16.75	0.00
07/12/12	ND	18.33	0.00
08/24/12	ND	18.60	0.00
10/25/12	ND	18.12	0.00
11/15/12	ND	18.00	0.00
11/22/13	ND	18.00	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

RW-2

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
01/28/00	16.05	17.50	1.45
03/30/00	14.95	16.33	1.38
04/21/00	14.39	14.52	0.13
08/23/00	13.65	13.69	0.04
11/20/00	ND	15.22	0.00
01/29/01	16.00	17.10	1.10
07/11/01	14.57	15.59	1.02
10/12/01	17.22	17.30	0.08
08/20/02	ND	17.58	0.00
12/11/02	ND	16.45	0.00
05/29/03	ND	18.60	0.00
08/10/05	ND	19.38	0.00
07/25/08	ND	16.13	0.00
07/10/12	ND	18.85	0.00
12/13/12	ND	19.00	0.00
03/15/13	ND	17.46	0.00
06/28/13	ND	16.03	0.00
08/30/13	ND	18.20	0.00
09/27/13	ND	18.15	0.00
10/18/13	ND	18.70	0.00
12/26/13	ND	17.84	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)
DTW = Depth to Water (Ft below top of riser pipe)
NA = Not Applicable
ND = NAPL not detected
NM - Not Monitored
NAPL = Non Aqueous Phase Liquid
= NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data
Former Mobil Service Station No. 01-ECQ
83-89 Elm Street, Pittsfield, MA

RW-3

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
01/28/00	15.32	16.96	1.64
03/30/00	13.52	14.30	0.78
04/21/00	14.09	14.60	0.51
08/23/00	ND	13.66	0.00
11/20/00	14.82	14.83	0.01
01/29/01	15.72	16.18	0.46
07/11/01	14.34	14.55	0.21
10/12/01	15.87	16.07	0.20
08/20/02	16.15	16.16	0.01
12/11/02	14.15	15.65	1.50
05/29/03	ND	DRY	0.00
07/10/12	ND	17.25	0.00
10/26/12	ND	17.00	0.00
11/16/12	ND	17.02	0.00
12/14/12	ND	18.54	0.00
03/15/13	ND	15.31	0.00
06/28/13	ND	9.33	0.00
08/30/13	ND	15.84	0.00
09/27/13	ND	15.16	0.00
10/18/13	ND	17.04	0.00
12/26/13	ND	17.61	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)
DTW = Depth to Water (Ft below top of riser pipe)
NA = Not Applicable
ND = NAPL not detected
NM - Not Monitored
NAPL = Non Aqueous Phase Liquid
█ = NAPL thickness greater than
MassDEP Upper Concentration Limit (0.04 feet)

Appendix A
Historical Groundwater Gauging Data

Former Mobil Service Station No. 01-ECQ
 83-89 Elm Street, Pittsfield, MA

MW-404

Date	Depth to Product (feet)	Depth to Water (feet)	NAPL Thickness (feet)
11/22/13	ND	17.40	0.00

Notes

DTP = Depth to Product (Ft below top of riser pipe)

DTW = Depth to Water (Ft below top of riser pipe)

NA = Not Applicable

ND = NAPL not detected

NM - Not Monitored

NAPL = Non Aqueous Phase Liquid

█ = NAPL thickness greater than
 MassDEP Upper Concentration Limit (0.04 feet)