



William F. Martin
Mayor

City known as the Town of
GREENFIELD, MASSACHUSETTS

CONSERVATION COMMISSION

Town Hall • 14 Court Square • Greenfield, MA 01301
Phone 413-772-1551 • Fax 413-772-1309
Conservation@greenfield-ma.gov • www.greenfield-ma.gov

Members:

Blasiak, John (2016)
DeHoyos, Thomas (2016)
Haro, Alex (2014)
Letourneau, Dee (2014)
Mosher, Timothy (2015)

GREENFIELD CONSERVATION COMMISSION

Minutes of Tuesday May 13, 2014

**7:00 p.m. Greenfield Department of Planning and Development
114 Main Street**

The meeting was called to order by chair, Alex Haro at 7:00 p.m. with the following members:

PRESENT: Alex Haro, Chair
Tim Mosher, Vice-chair
Dee Letourneau
John Blasiak

ALSO PRESENT: Tom Currier, MassDOT
Simon Hildt, Stantec
Maureen Pollock, Assistant Planner & Conservation Agent

ABSENT: Tom DeHoyos

Approval of Minutes:

Approval of Meeting Minutes from April 15, 2014.

MOTION: Moved by Blasiak, seconded by Letourneau, no further discussion and voted 4-0-0 to accept the minutes from April 15, 2014, as amended.

Approval of Meeting Minutes from April 22, 2014.

MOTION: Moved by Blasiak, seconded by Letourneau, no further discussion and voted 4-0-0 to accept the minutes from April 22, 2014, as amended.

Public Meetings/Hearings:

7:10 NOI– Massachusetts Department of Transportation (MassDOT): Notice of Intent submitted by MassDOT, for property located at Rt.2A/Shelburne Road/River Street Intersection, for work pertaining to signal equipment updates; reconfiguration of travel and turn lanes; and construction of ADA compliant sidewalks, crosswalks, and ramps at the intersection.

Tom Currier, MassDOT and Simon Hildt, Stantec were present to explain the proposed plans. Haro, Blasiak, Pollock, Currier, and Hildt conducted a site visit on May 6, 2014.



William F. Martin
Mayor

City known as the Town of
GREENFIELD, MASSACHUSETTS

CONSERVATION COMMISSION

Town Hall • 14 Court Square • Greenfield, MA 01301
Phone 413-772-1551 • Fax 413-772-1309
Conservation@greenfield-ma.gov • www.greenfield-ma.gov

Members:

Blasiak, John (2016)
DeHoyos, Thomas (2016)
Haro, Alex (2014)
Letourneau, Dee (2014)
Mosher, Timothy (2015)

Hildt stated part of the project is located within mapped MA Natural Heritage & Endangered Species Program (NHESP) along the Green River. Hildt submitted the project to NHESP for comment. Hildt received a verbal “no adverse effect” determination from NHESP.

Pollock stated the Commission needs a formal determination from NHESP.

Hildt stated MassDEP has not processed the State’s portion for the NOI filing, so MassDEP has not issued a File Notification Number (FNN).

Pollock stated the Commission cannot close the public hearing until the project receives a MassDEP FNN and the Commission receives a formal determination from NHESP.

Hildt stated the proposed work involves roadway improvements to the Rt.2A/Shelburne Road/River Street Intersection. Due to the presence of the paved roadways and other development, Riverfront Area within the project area categorically qualifies as “previously developed.”

Hildt stated a retaining wall will be constructed to support sections of the new sidewalk along Shelburne Road, where the slope is slumping down towards the Green River. The majority of the wall will be below grade, and approximately 1 foot will be above grade. The replacement guard rail will be pulled in a little bit towards Shelburne Road and will be set at the base of the new retaining wall.

Blasiak inquired what the dimensions of the retaining wall are

Currier responded the retaining wall will be a foot across the top and it will be a tapered wall. The dimensions at the base of the wall are probably going to be very small such as 2 feet.

Hildt stated where the earth has slumped down there will be minor grading to smooth things out. The applicant is not proposing to place fill to bring the grade back up to the existing grade. The retaining wall will remain at the existing grade. The earth behind the retaining wall will remain at the same grade. There will be minor grading after the installation of the wall and guard rail. That area will be seeded with an erosion control mix and 10 American Hazelnut, *Corylus americana* and 20 Lowbush Blueberry, *Vaccinium angustifolium* will be planted.

Blasiak stated the applicant is not proposing to bring the grade back to what it was before the slope slumped; they are proposing to bring the grade back to the existing grade.

Blasiak inquired what the depth from the lowest point of where the slumped grade is to the base of the proposed retaining wall. Blasiak is wondering how much soil will need to be there to support that particular portion of the retaining wall.



William F. Martin
Mayor

**City known as the Town of
GREENFIELD, MASSACHUSETTS**

CONSERVATION COMMISSION

Town Hall • 14 Court Square • Greenfield, MA 01301
Phone 413-772-1551 • Fax 413-772-1309
Conservation@greenfield-ma.gov • www.greenfield-ma.gov

Members:

Blasiak, John (2016)
DeHoyos, Thomas (2016)
Haro, Alex (2014)
Letourneau, Dee (2014)
Mosher, Timothy (2015)

Currier responded there will be at least equal to the height above. More than half of the retaining wall will be buried. The retaining wall will not be following the contour of the grade, it will be following the sidewalk.

Blasiak stated there will be only 1-foot of soil at the base of the retaining wall.

Currier stated the retaining wall will be as much buried as there is exposed at the lowest point.

Mosher stated the applicants have not provided retaining wall dimensions. The straw bale with silt fencing is shown backwards on the submitted plans. The applicants have not provided construction detail specifications for the reinforced concrete

Hildt stated unfortunately they did not bring construction detail specifications to tonight's public hearing.

Currier stated the retaining wall is a standard MassDOT construction detail that is built around the State. More information can be provided, if needed.

Mosher stated the Commission would like to make sure the retaining wall and guard rail will work well.

Mosher stated during Tropical Storm Irene (2011), water rose above the banks along the Shelburne Road. Scouring will occur along this bank again.

Blasiak stated a deeper retaining wall will reduce the chances for scouring to occur.

Currier stated MassDOT doesn't build walls that wash away. The wall is tried and time tested.

Blasiak stated he is less concerned with the wall; he is more concerned with the supporting materials around it.

Blasiak inquired what is planned to stabilize the bank

Hildt responded an erosion control blanket can be installed before any work starts.

Haro inquired whether the proposed work on Shelburne Road is within the 100-year floodplain

Hildt responded no

Haro inquired whether the proposed work will increase impervious surface

Hildt responded impervious surfaces will be increased by 172 square feet due to the retaining wall



William F. Martin
Mayor

City known as the Town of
GREENFIELD, MASSACHUSETTS

CONSERVATION COMMISSION

Town Hall • 14 Court Square • Greenfield, MA 01301
Phone 413-772-1551 • Fax 413-772-1309
Conservation@greenfield-ma.gov • www.greenfield-ma.gov

Members:

Blasiak, John (2016)
DeHoyos, Thomas (2016)
Haro, Alex (2014)
Letourneau, Dee (2014)
Mosher, Timothy (2015)

Blasiak stated the guard rail will be pushed back towards the road, which will not disturb vegetated surfaces.

Haro stated the proposed project will be an improvement to the existing conditions. Currently, there is no curbing along Shelburne Road, so stormwater runoff goes directly into the river. The proposed concrete curbing will divert runoff to the catch basin.

Haro inquired why both sides of Shelburne Road require sidewalks

Currier responded Governor Patrick has implemented a new initiative to create “complete” streets in urbanized areas, which provides access to multi-modes of transit. Because there is an existing sidewalk on the river side, MassDOT cannot remove the sidewalk.

Mosher stated the proposed project is an improvement. He would have preferred to see scope of work, construction details with dimensions, and examples of successful retaining wall projects.

Currier stated he will revise the plan and provide more detail for the Commission.

Pollock stated the Commission would like to see a written narrative that explains equipment to be used, specifications, trenching, removal of spoils, erosion control techniques, proposed vegetation, invasive plant removal, and examples of successful projects. Additionally, the Commission would like to see the plans updated to show the correct straw wattle with silt fencing arrangement, and construction details with dimensions.

MOTION: Moved by Mosher, seconded by DeHoyos, no further discussion and voted 4-0-0 to continue the hearing until Thursday May 29, 2014

Other Business:

MassDOT: Greenfield Rotary Replacement Plantings – Pollock updated the Commission regarding MassDOT’s plans to replace in kind the plants that were erroneously removed. MassDOT would like to compliment the rotary with several Flowering Dogwoods, Mt. Laurel and Eastern Redbuds at locations to be determined on each side of the rotary.

Haro stated he would like mature trees planted so landscapers will not mistakenly mow them down again.

Blasiak stated he would like to see a better variety than presented

Haro stated he would like a MassDOT representative to come to a Commission meeting so they can



William F. Martin
Mayor

City known as the Town of
GREENFIELD, MASSACHUSETTS

CONSERVATION COMMISSION

Town Hall • 14 Court Square • Greenfield, MA 01301
Phone 413-772-1551 • Fax 413-772-1309
Conservation@greenfield-ma.gov • www.greenfield-ma.gov

Members:

Blasiak, John (2016)
DeHoyos, Thomas (2016)
Haro, Alex (2014)
Letourneau, Dee (2014)
Mosher, Timothy (2015)

further discuss this.

Blasiak stated the MassDOT representative should bring a wish list of plants that can be planted there.

Greenfield Community College: Beavers issues – Pollock updated the Commission regarding the beaver issues at GCC. GCC has been granted a 10-day Emergency Certification from the Board of Health for trapping the beavers. GCC would like to consider other options, which will require Commission approval. Pollock will set up a site visit.

Draft Chapter 195, Greenfield Wetlands Protection Ordinance: Haro updated the Commission. The A&O held a public hearing regarding the Ordinance on May 12, 2014. Haro, Mosher, Blasiak, and Pollock attended the public hearing. There was discussion regarding various provisions, including: the 25-foot No Disturb Zone; Replication; Waiver; and Abutter Notifications.

The A&O decided to remove the verbiage regarding overriding public interest for the waiver provision. The A&O decided to keep the replication provision, because they can't legally ban it. Replication will need to be done at a 1:1 ratio but would need to show greater hydrological and ecological value. The A&O decided to increase the abutter notifications to 300 feet from 100 feet.

During the A&O meeting, the Mayor expressed he may have additional comments, but did not state them during the meeting.

Project Monitoring:

The Berkshire Gas Company c/o Ishwar Murarka, Ish Inc., Phase II of the Remediation of Sediment/Soils in the Green River, Meade Street (DEP # 168-0290): Pollock conducted a site visit on May 7, 2014. Pollock took photographs of the site for record. Pollock stated the new plants are all beginning to bud, and the banks on both sides of the river look stabilized.

Blasiak inquired if Pollock noticed any surface water flow on the banks or any evidence that erosion channels are forming

Pollock responded no, but will keep a close eye out for any erosion issues along the banks

Enforcement Updates/Possible Violations:

208 Mohawk Trail (old Candlelight Hotel): Pollock contacted Stacey Dakai of MassDEP regarding the test results exceeding certain contaminant levels per Massachusetts Contingency Plan,



William F. Martin
Mayor

City known as the Town of
GREENFIELD, MASSACHUSETTS

CONSERVATION COMMISSION

Town Hall • 14 Court Square • Greenfield, MA 01301
Phone 413-772-1551 • Fax 413-772-1309
Conservation@greenfield-ma.gov • www.greenfield-ma.gov

Members:

Blasiak, John (2016)
DeHoyos, Thomas (2016)
Haro, Alex (2014)
Letourneau, Dee (2014)
Mosher, Timothy (2015)

310 CMR 40. Pollock will mail the test results to the property owners. (see attached Test Results)

Correspondence:

Site Visit Scheduling:

1. **Greenfield Community College** – Meet May 20, 2014 at 5:15 PM on site
2. **187 Plain Road, Final Compliance Inspection (SOC DEP # 168-0242)** – Meet May 22, 2014 at 2:00 PM on site

Next Meeting:

7:00 PM on Thursday, May 29, 2014, at the Greenfield Department of Planning and Development; 114 Main Street

Adjournment:

MOTION: Moved by Letourneau, seconded by Blasiak, no further discussion and voted 4-0-0 to adjourn the meeting at 8:27 PM.

Respectfully Submitted,

Maureen Pollock
Assistant Planner & Conservation Agent

Alex Haro
Chair

April 25, 2014

Maureen Pollock
Town of Greenfield
114 Main Street
Greenfield, MA 01301

Project Location: 208 Mohawk Trail
Client Job Number:
Project Number: 20140123 Soil Testing
Laboratory Work Order Number: 14D0712

Enclosed are results of analyses for samples received by the laboratory on April 18, 2014. If you have any questions concerning this report, please feel free to contact me.

Sincerely,



Aaron L. Benoit
Project Manager

Town of Greenfield
 114 Main Street
 Greenfield, MA 01301
 ATTN: Maureen Pollock

REPORT DATE: 4/25/2014

PURCHASE ORDER NUMBER:

PROJECT NUMBER: 20140123 Soil Testing

ANALYTICAL SUMMARY

WORK ORDER NUMBER: 14D0712

The results of analyses performed on the following samples submitted to the CON-TEST Analytical Laboratory are found in this report.

PROJECT LOCATION: 208 Mohawk Trail

FIELD SAMPLE #	LAB ID:	MATRIX	SAMPLE DESCRIPTION	TEST	SUB LAB
east/trash	14D0712-01	Soil		SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8100 Modified SW-846 8260C	
west/house	14D0712-02	Soil		SM 2540G SW-846 6010C SW-846 7471B SW-846 8082A SW-846 8100 Modified SW-846 8260C	

CASE NARRATIVE SUMMARY

All reported results are within defined laboratory quality control objectives unless listed below or otherwise qualified in this report.

SW-846 8082A

Qualifications:

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

Aroclor-1016 [2C]
B094214-BS1

Sample contains two incompletely resolved aroclors. Aroclor with the closest matching pattern is reported.

Analyte & Samples(s) Qualified:

Aroclor-1254, Aroclor-1254 [2C]
14D0712-01[east/trash]

Result was confirmed using a dissimilar column. Relative percent difference between the two results was >40%. In accordance with the method, the higher result was reported.

Analyte & Samples(s) Qualified:

Aroclor-1254 [2C]
14D0712-01[east/trash]

SW-846 8100 Modified

Qualifications:

The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.

Analyte & Samples(s) Qualified:

o-Terphenyl
14D0712-01[east/trash]

SW-846 8260C

Qualifications:

Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.

Analyte & Samples(s) Qualified:

2,2-Dichloropropane, Carbon Tetrachloride, Chloroethane, n-Butylbenzene, p-Isopropyltoluene (p-Cymene)
B094249-BSD1

Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.

Analyte & Samples(s) Qualified:

Bromomethane, Chloromethane
B094249-BS1, B094249-BSD1

Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.

Analyte & Samples(s) Qualified:

1,4-Dioxane, Bromomethane
14D0712-01[east/trash], 14D0712-02[west/house], B094249-BLK1, B094249-BS1, B094249-BSD1

Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.

Analyte & Samples(s) Qualified:

1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, Dichlorodifluoromethane (Freon 12), Naphthalene
14D0712-01[east/trash], 14D0712-02[west/house], B094249-BLK1, B094249-BS1, B094249-BSD1

Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.

Analyte & Samples(s) Qualified:

1,4-Dioxane
14D0712-01[east/trash], 14D0712-02[west/house], B094249-BLK1, B094249-BS1, B094249-BSD1

Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

Analyte & Samples(s) Qualified:

Chloromethane
B094249-BS1, B094249-BSD1

SW-846 8100 Modified

TPH (C9-C36) is quantitated against a calibration made with a diesel standard.

SW-846 8260C

Laboratory control sample recoveries for required MCP Data Enhancement 8260 compounds were all within limits specified by the method except for "difficult analytes" where recovery control limits of 40-160% are used and/or unless otherwise listed in this narrative. Difficult analytes: MIBK, MEK, acetone, 1,4-dioxane, chloromethane, dichlorodifluoromethane, 2-hexanone, and bromomethane.

The results of analyses reported only relate to samples submitted to the Con-Test Analytical Laboratory for testing.

I certify that the analyses listed above, unless specifically listed as subcontracted, if any, were performed under my direction according to the approved methodologies listed in this document, and that based upon my inquiry of those individuals immediately responsible for obtaining the information, the material contained in this report is, to the best of my knowledge and belief, accurate and complete.



Daren J. Damboragian
Laboratory Manager

Project Location: 208 Mohawk Trail

Sample Description:

Work Order: 14D0712

Date Received: 4/18/2014

Field Sample #: east/trash

Sampled: 4/10/2014 00:00

Sample ID: 14D0712-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Benzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Bromobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Bromochloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Bromodichloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Bromoform	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Bromomethane	ND	0.0072	mg/Kg dry	1	R-05	SW-846 8260C	4/22/14	4/22/14 14:01	MFF
2-Butanone (MEK)	ND	0.029	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
n-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
sec-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
tert-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Carbon Disulfide	ND	0.014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Carbon Tetrachloride	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Chlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Chlorodibromomethane	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Chloroethane	ND	0.0072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Chloroform	ND	0.0029	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Chloromethane	ND	0.0072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
2-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
4-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,2-Dibromoethane (EDB)	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Dibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,2-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,3-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,4-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0072	mg/Kg dry	1	V-05	SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,1-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,2-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,1-Dichloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
cis-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
trans-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,3-Dichloropropane	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
2,2-Dichloropropane	ND	0.0029	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,1-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
cis-1,3-Dichloropropene	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
trans-1,3-Dichloropropene	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Diethyl Ether	ND	0.0072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Diisopropyl Ether (DIPE)	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,4-Dioxane	ND	0.072	mg/Kg dry	1	R-05, V-16	SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Ethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF

Project Location: 208 Mohawk Trail

Sample Description:

Work Order: 14D0712

Date Received: 4/18/2014

Field Sample #: east/trash

Sampled: 4/10/2014 00:00

Sample ID: 14D0712-01

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
2-Hexanone (MBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Isopropylbenzene (Cumene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0029	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Methylene Chloride	ND	0.0072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Naphthalene	ND	0.0072	mg/Kg dry	1	V-05	SW-846 8260C	4/22/14	4/22/14 14:01	MFF
n-Propylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Styrene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,1,1,2,2-Tetrachloroethane	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Tetrachloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Tetrahydrofuran	ND	0.0072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Toluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,2,3-Trichlorobenzene	ND	0.0029	mg/Kg dry	1	V-05	SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,2,4-Trichlorobenzene	ND	0.0029	mg/Kg dry	1	V-05	SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,1,1-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,1,2-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Trichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,2,3-Trichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,2,4-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
1,3,5-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
Vinyl Chloride	ND	0.0072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
m+p Xylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF
o-Xylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:01	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	95.1	70-130	
Toluene-d8	100	70-130	
4-Bromofluorobenzene	93.7	70-130	

Project Location: 208 Mohawk Trail

Sample Description:

Work Order: 14D0712

Date Received: 4/18/2014

Field Sample #: east/trash

Sampled: 4/10/2014 00:00

Sample ID: 14D0712-01

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:02	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:02	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:02	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:02	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:02	MJC
Aroclor-1254 [2]	0.15	0.12	mg/Kg dry	5	O-03, P-01	SW-846 8082A	4/21/14	4/23/14 19:02	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:02	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:02	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:02	MJC
Surrogates	% Recovery		Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]	93.3		30-150				4/23/14 19:02		
Decachlorobiphenyl [2]	112		30-150				4/23/14 19:02		
Tetrachloro-m-xylene [1]	91.6		30-150				4/23/14 19:02		
Tetrachloro-m-xylene [2]	94.8		30-150				4/23/14 19:02		

Project Location: 208 Mohawk Trail

Sample Description:

Work Order: 14D0712

Date Received: 4/18/2014

Field Sample #: east/trash

Sampled: 4/10/2014 00:00

Sample ID: 14D0712-01

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH (C9-C36)	3100	200	mg/Kg dry	20		SW-846 8100 Modified	4/19/14	4/25/14 11:35	SCS
Surrogates	% Recovery		Recovery Limits	Flag/Qual					
o-Terphenyl	*		40-140	S-01		4/25/14 11:35			

Project Location: 208 Mohawk Trail

Sample Description:

Work Order: 14D0712

Date Received: 4/18/2014

Field Sample #: east/trash

Sampled: 4/10/2014 00:00

Sample ID: 14D0712-01

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	2.8	mg/Kg dry	1		SW-846 6010C	4/21/14	4/22/14 20:09	OP
Barium	160	2.8	mg/Kg dry	1		SW-846 6010C	4/21/14	4/22/14 20:09	OP
Cadmium	0.61	0.28	mg/Kg dry	1		SW-846 6010C	4/21/14	4/22/14 20:09	OP
Chromium	18	0.56	mg/Kg dry	1		SW-846 6010C	4/21/14	4/22/14 20:09	OP
Lead	350	0.84	mg/Kg dry	1		SW-846 6010C	4/21/14	4/22/14 20:09	OP
Mercury	0.18	0.030	mg/Kg dry	1		SW-846 7471B	4/22/14	4/23/14 10:02	JMP
Selenium	ND	5.6	mg/Kg dry	1		SW-846 6010C	4/21/14	4/22/14 20:09	OP
Silver	ND	0.56	mg/Kg dry	1		SW-846 6010C	4/21/14	4/22/14 20:09	OP

Project Location: 208 Mohawk Trail

Sample Description:

Work Order: 14D0712

Date Received: 4/18/2014

Sampled: 4/10/2014 00:00

Field Sample #: east/trash

Sample ID: 14D0712-01

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	83.9		% Wt	1		SM 2540G	4/21/14	4/22/14 8:37	MXG

Project Location: 208 Mohawk Trail

Sample Description:

Work Order: 14D0712

Date Received: 4/18/2014

Field Sample #: west/house

Sampled: 4/10/2014 00:00

Sample ID: 14D0712-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Acetone	ND	0.072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
tert-Amyl Methyl Ether (TAME)	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Benzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Bromobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Bromochloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Bromodichloromethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Bromoform	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Bromomethane	ND	0.0072	mg/Kg dry	1	R-05	SW-846 8260C	4/22/14	4/22/14 14:29	MFF
2-Butanone (MEK)	ND	0.029	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
n-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
sec-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
tert-Butylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
tert-Butyl Ethyl Ether (TBEE)	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Carbon Disulfide	ND	0.014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Carbon Tetrachloride	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Chlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Chlorodibromomethane	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Chloroethane	ND	0.0072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Chloroform	ND	0.0029	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Chloromethane	ND	0.0072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
2-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
4-Chlorotoluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,2-Dibromoethane (EDB)	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Dibromomethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,2-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,3-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,4-Dichlorobenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Dichlorodifluoromethane (Freon 12)	ND	0.0072	mg/Kg dry	1	V-05	SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,1-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,2-Dichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,1-Dichloroethylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
cis-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
trans-1,2-Dichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,2-Dichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,3-Dichloropropane	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
2,2-Dichloropropane	ND	0.0029	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,1-Dichloropropene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
cis-1,3-Dichloropropene	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
trans-1,3-Dichloropropene	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Diethyl Ether	ND	0.0072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Diisopropyl Ether (DIPE)	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,4-Dioxane	ND	0.072	mg/Kg dry	1	R-05, V-16	SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Ethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF

Project Location: 208 Mohawk Trail

Sample Description:

Work Order: 14D0712

Date Received: 4/18/2014

Field Sample #: west/house

Sampled: 4/10/2014 00:00

Sample ID: 14D0712-02

Sample Matrix: Soil

Volatile Organic Compounds by GC/MS

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Hexachlorobutadiene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
2-Hexanone (MBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Isopropylbenzene (Cumene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
p-Isopropyltoluene (p-Cymene)	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Methyl tert-Butyl Ether (MTBE)	ND	0.0029	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Methylene Chloride	ND	0.0072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
4-Methyl-2-pentanone (MIBK)	ND	0.014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Naphthalene	ND	0.0072	mg/Kg dry	1	V-05	SW-846 8260C	4/22/14	4/22/14 14:29	MFF
n-Propylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Styrene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,1,1,2-Tetrachloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,1,1,2,2-Tetrachloroethane	ND	0.00072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Tetrachloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Tetrahydrofuran	ND	0.0072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Toluene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,2,3-Trichlorobenzene	ND	0.0029	mg/Kg dry	1	V-05	SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,2,4-Trichlorobenzene	ND	0.0029	mg/Kg dry	1	V-05	SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,1,1-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,1,2-Trichloroethane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Trichloroethylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Trichlorofluoromethane (Freon 11)	ND	0.0072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,2,3-Trichloropropane	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,2,4-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
1,3,5-Trimethylbenzene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
Vinyl Chloride	ND	0.0072	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
m+p Xylene	ND	0.0029	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF
o-Xylene	ND	0.0014	mg/Kg dry	1		SW-846 8260C	4/22/14	4/22/14 14:29	MFF

Surrogates	% Recovery	Recovery Limits	Flag/Qual
1,2-Dichloroethane-d4	97.6	70-130	
Toluene-d8	99.6	70-130	
4-Bromofluorobenzene	94.2	70-130	

Project Location: 208 Mohawk Trail

Sample Description:

Work Order: 14D0712

Date Received: 4/18/2014

Field Sample #: west/house

Sampled: 4/10/2014 00:00

Sample ID: 14D0712-02

Sample Matrix: Soil

Polychlorinated Biphenyls By GC/ECD

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Aroclor-1016 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:20	MJC
Aroclor-1221 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:20	MJC
Aroclor-1232 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:20	MJC
Aroclor-1242 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:20	MJC
Aroclor-1248 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:20	MJC
Aroclor-1254 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:20	MJC
Aroclor-1260 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:20	MJC
Aroclor-1262 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:20	MJC
Aroclor-1268 [1]	ND	0.12	mg/Kg dry	5		SW-846 8082A	4/21/14	4/23/14 19:20	MJC
Surrogates		% Recovery	Recovery Limits		Flag/Qual				
Decachlorobiphenyl [1]		97.1	30-150					4/23/14 19:20	
Decachlorobiphenyl [2]		105	30-150					4/23/14 19:20	
Tetrachloro-m-xylene [1]		92.6	30-150					4/23/14 19:20	
Tetrachloro-m-xylene [2]		96.8	30-150					4/23/14 19:20	

Project Location: 208 Mohawk Trail

Sample Description:

Work Order: 14D0712

Date Received: 4/18/2014

Field Sample #: west/house

Sampled: 4/10/2014 00:00

Sample ID: 14D0712-02

Sample Matrix: Soil

Petroleum Hydrocarbons Analyses

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
TPH (C9-C36)	ND	11	mg/Kg dry	1		SW-846 8100 Modified	4/19/14	4/25/14 11:17	SCS
Surrogates	% Recovery		Recovery Limits	Flag/Qual					
o-Terphenyl	90.2		40-140			4/25/14 11:17			

Project Location: 208 Mohawk Trail

Sample Description:

Work Order: 14D0712

Date Received: 4/18/2014

Field Sample #: west/house

Sampled: 4/10/2014 00:00

Sample ID: 14D0712-02

Sample Matrix: Soil

Metals Analyses (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
Arsenic	ND	3.1	mg/Kg dry	1		SW-846 6010C	4/21/14	4/22/14 20:14	OP
Barium	62	3.1	mg/Kg dry	1		SW-846 6010C	4/21/14	4/22/14 20:14	OP
Cadmium	ND	0.31	mg/Kg dry	1		SW-846 6010C	4/21/14	4/22/14 20:14	OP
Chromium	19	0.62	mg/Kg dry	1		SW-846 6010C	4/21/14	4/22/14 20:14	OP
Lead	27	0.93	mg/Kg dry	1		SW-846 6010C	4/21/14	4/22/14 20:14	OP
Mercury	0.065	0.031	mg/Kg dry	1		SW-846 7471B	4/22/14	4/23/14 10:03	JMP
Selenium	ND	6.2	mg/Kg dry	1		SW-846 6010C	4/21/14	4/22/14 20:14	OP
Silver	ND	0.62	mg/Kg dry	1		SW-846 6010C	4/21/14	4/22/14 20:14	OP

Project Location: 208 Mohawk Trail

Sample Description:

Work Order: 14D0712

Date Received: 4/18/2014

Field Sample #: west/house

Sampled: 4/10/2014 00:00

Sample ID: 14D0712-02

Sample Matrix: Soil

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total)

Analyte	Results	RL	Units	Dilution	Flag/Qual	Method	Date Prepared	Date/Time Analyzed	Analyst
% Solids	78.8		% Wt	1		SM 2540G	4/21/14	4/22/14 8:37	MXG

Sample Extraction Data

Prep Method: % Solids-SM 2540G

Lab Number [Field ID]	Batch	Date
14D0712-01 [east/trash]	B094218	04/21/14
14D0712-02 [west/house]	B094218	04/21/14

Prep Method: SW-846 3050B-SW-846 6010C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14D0712-01 [east/trash]	B094212	1.07	50.0	04/21/14
14D0712-02 [west/house]	B094212	1.03	50.0	04/21/14

Prep Method: SW-846 7471-SW-846 7471B

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14D0712-01 [east/trash]	B094284	0.602	50.0	04/22/14
14D0712-02 [west/house]	B094284	0.610	50.0	04/22/14

Prep Method: SW-846 3546-SW-846 8082A

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14D0712-01 [east/trash]	B094214	10.1	10.0	04/21/14
14D0712-02 [west/house]	B094214	10.2	10.0	04/21/14

Prep Method: SW-846 3546-SW-846 8100 Modified

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14D0712-01 [east/trash]	B094121	30.0	1.00	04/19/14
14D0712-02 [west/house]	B094121	30.1	1.00	04/19/14

Prep Method: SW-846 5035-SW-846 8260C

Lab Number [Field ID]	Batch	Initial [g]	Final [mL]	Date
14D0712-01 [east/trash]	B094249	8.26	10.0	04/22/14
14D0712-02 [west/house]	B094249	8.83	10.0	04/22/14

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B094249 - SW-846 5035

Blank (B094249-BLK1)

Prepared & Analyzed: 04/22/14

Acetone	ND	0.10	mg/Kg wet							
tert-Amyl Methyl Ether (TAME)	ND	0.0010	mg/Kg wet							
Benzene	ND	0.0020	mg/Kg wet							
Bromobenzene	ND	0.0020	mg/Kg wet							
Bromochloromethane	ND	0.0020	mg/Kg wet							
Bromodichloromethane	ND	0.0020	mg/Kg wet							
Bromoform	ND	0.0020	mg/Kg wet							
Bromomethane	ND	0.010	mg/Kg wet							R-05
2-Butanone (MEK)	ND	0.040	mg/Kg wet							
n-Butylbenzene	ND	0.0020	mg/Kg wet							
sec-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butylbenzene	ND	0.0020	mg/Kg wet							
tert-Butyl Ethyl Ether (TBEE)	ND	0.0010	mg/Kg wet							
Carbon Disulfide	ND	0.020	mg/Kg wet							
Carbon Tetrachloride	ND	0.0020	mg/Kg wet							
Chlorobenzene	ND	0.0020	mg/Kg wet							
Chlorodibromomethane	ND	0.0010	mg/Kg wet							
Chloroethane	ND	0.010	mg/Kg wet							
Chloroform	ND	0.0040	mg/Kg wet							
Chloromethane	ND	0.010	mg/Kg wet							
2-Chlorotoluene	ND	0.0020	mg/Kg wet							
4-Chlorotoluene	ND	0.0020	mg/Kg wet							
1,2-Dibromo-3-chloropropane (DBCP)	ND	0.0020	mg/Kg wet							
1,2-Dibromoethane (EDB)	ND	0.0010	mg/Kg wet							
Dibromomethane	ND	0.0020	mg/Kg wet							
1,2-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,3-Dichlorobenzene	ND	0.0020	mg/Kg wet							
1,4-Dichlorobenzene	ND	0.0020	mg/Kg wet							
Dichlorodifluoromethane (Freon 12)	ND	0.010	mg/Kg wet							V-05
1,1-Dichloroethane	ND	0.0020	mg/Kg wet							
1,2-Dichloroethane	ND	0.0020	mg/Kg wet							
1,1-Dichloroethylene	ND	0.0040	mg/Kg wet							
cis-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
trans-1,2-Dichloroethylene	ND	0.0020	mg/Kg wet							
1,2-Dichloropropane	ND	0.0020	mg/Kg wet							
1,3-Dichloropropane	ND	0.0010	mg/Kg wet							
2,2-Dichloropropane	ND	0.0040	mg/Kg wet							
1,1-Dichloropropene	ND	0.0020	mg/Kg wet							
cis-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
trans-1,3-Dichloropropene	ND	0.0010	mg/Kg wet							
Diethyl Ether	ND	0.010	mg/Kg wet							
Diisopropyl Ether (DIPE)	ND	0.0010	mg/Kg wet							
1,4-Dioxane	ND	0.10	mg/Kg wet							R-05, V-16
Ethylbenzene	ND	0.0020	mg/Kg wet							
Hexachlorobutadiene	ND	0.0020	mg/Kg wet							
2-Hexanone (MBK)	ND	0.020	mg/Kg wet							
Isopropylbenzene (Cumene)	ND	0.0020	mg/Kg wet							
p-Isopropyltoluene (p-Cymene)	ND	0.0020	mg/Kg wet							
Methyl tert-Butyl Ether (MTBE)	ND	0.0040	mg/Kg wet							
Methylene Chloride	ND	0.010	mg/Kg wet							
4-Methyl-2-pentanone (MIBK)	ND	0.020	mg/Kg wet							
Naphthalene	ND	0.010	mg/Kg wet							V-05

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B094249 - SW-846 5035

Blank (B094249-BLK1)

Prepared & Analyzed: 04/22/14

n-Propylbenzene	ND	0.0020	mg/Kg wet							
Styrene	ND	0.0020	mg/Kg wet							
1,1,1,2-Tetrachloroethane	ND	0.0020	mg/Kg wet							
1,1,2,2-Tetrachloroethane	ND	0.0010	mg/Kg wet							
Tetrachloroethylene	ND	0.0020	mg/Kg wet							
Tetrahydrofuran	ND	0.010	mg/Kg wet							
Toluene	ND	0.0020	mg/Kg wet							
1,2,3-Trichlorobenzene	ND	0.0040	mg/Kg wet							V-05
1,2,4-Trichlorobenzene	ND	0.0040	mg/Kg wet							V-05
1,1,1-Trichloroethane	ND	0.0020	mg/Kg wet							
1,1,2-Trichloroethane	ND	0.0020	mg/Kg wet							
Trichloroethylene	ND	0.0020	mg/Kg wet							
Trichlorofluoromethane (Freon 11)	ND	0.010	mg/Kg wet							
1,2,3-Trichloropropane	ND	0.0020	mg/Kg wet							
1,2,4-Trimethylbenzene	ND	0.0020	mg/Kg wet							
1,3,5-Trimethylbenzene	ND	0.0020	mg/Kg wet							
Vinyl Chloride	ND	0.010	mg/Kg wet							
m+p Xylene	ND	0.0040	mg/Kg wet							
o-Xylene	ND	0.0020	mg/Kg wet							
Surrogate: 1,2-Dichloroethane-d4	0.0495		mg/Kg wet	0.0500		99.1	70-130			
Surrogate: Toluene-d8	0.0488		mg/Kg wet	0.0500		97.6	70-130			
Surrogate: 4-Bromofluorobenzene	0.0477		mg/Kg wet	0.0500		95.5	70-130			

LCS (B094249-BS1)

Prepared & Analyzed: 04/22/14

Acetone	0.189	0.10	mg/Kg wet	0.200		94.3	40-160			†
tert-Amyl Methyl Ether (TAME)	0.0203	0.0010	mg/Kg wet	0.0200		102	70-130			
Benzene	0.0208	0.0020	mg/Kg wet	0.0200		104	70-130			
Bromobenzene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
Bromochloromethane	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130			
Bromodichloromethane	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130			
Bromoform	0.0211	0.0020	mg/Kg wet	0.0200		105	70-130			
Bromomethane	0.00906	0.010	mg/Kg wet	0.0200		45.3	40-160		L-14, R-05	†
2-Butanone (MEK)	0.190	0.040	mg/Kg wet	0.200		94.9	40-160			†
n-Butylbenzene	0.0248	0.0020	mg/Kg wet	0.0200		124	70-130			
sec-Butylbenzene	0.0240	0.0020	mg/Kg wet	0.0200		120	70-130			
tert-Butylbenzene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130			
tert-Butyl Ethyl Ether (TBEE)	0.0218	0.0010	mg/Kg wet	0.0200		109	70-130			
Carbon Disulfide	0.0204	0.020	mg/Kg wet	0.0200		102	70-130			
Carbon Tetrachloride	0.0246	0.0020	mg/Kg wet	0.0200		123	70-130			
Chlorobenzene	0.0206	0.0020	mg/Kg wet	0.0200		103	70-130			
Chlorodibromomethane	0.0209	0.0010	mg/Kg wet	0.0200		104	70-130			
Chloroethane	0.0256	0.010	mg/Kg wet	0.0200		128	70-130			
Chloroform	0.0210	0.0040	mg/Kg wet	0.0200		105	70-130			
Chloromethane	0.0269	0.010	mg/Kg wet	0.0200		134	40-160		L-14, V-20	†
2-Chlorotoluene	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130			
4-Chlorotoluene	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130			
1,2-Dibromo-3-chloropropane (DBCP)	0.0195	0.0020	mg/Kg wet	0.0200		97.4	70-130			
1,2-Dibromoethane (EDB)	0.0220	0.0010	mg/Kg wet	0.0200		110	70-130			
Dibromomethane	0.0221	0.0020	mg/Kg wet	0.0200		111	70-130			
1,2-Dichlorobenzene	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130			
1,3-Dichlorobenzene	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
1,4-Dichlorobenzene	0.0207	0.0020	mg/Kg wet	0.0200		104	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094249 - SW-846 5035										
LCS (B094249-BS1)										
Prepared & Analyzed: 04/22/14										
Dichlorodifluoromethane (Freon 12)	0.0198	0.010	mg/Kg wet	0.0200		98.9	40-160			V-05 †
1,1-Dichloroethane	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130			
1,2-Dichloroethane	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
1,1-Dichloroethylene	0.0226	0.0040	mg/Kg wet	0.0200		113	70-130			
cis-1,2-Dichloroethylene	0.0203	0.0020	mg/Kg wet	0.0200		102	70-130			
trans-1,2-Dichloroethylene	0.0210	0.0020	mg/Kg wet	0.0200		105	70-130			
1,2-Dichloropropane	0.0219	0.0020	mg/Kg wet	0.0200		109	70-130			
1,3-Dichloropropane	0.0212	0.0010	mg/Kg wet	0.0200		106	70-130			
2,2-Dichloropropane	0.0244	0.0040	mg/Kg wet	0.0200		122	70-130			
1,1-Dichloropropene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
cis-1,3-Dichloropropene	0.0209	0.0010	mg/Kg wet	0.0200		105	70-130			
trans-1,3-Dichloropropene	0.0227	0.0010	mg/Kg wet	0.0200		113	70-130			
Diethyl Ether	0.0219	0.010	mg/Kg wet	0.0200		109	70-130			
Diisopropyl Ether (DIPE)	0.0218	0.0010	mg/Kg wet	0.0200		109	70-130			
1,4-Dioxane	0.151	0.10	mg/Kg wet	0.200		75.5	40-160			R-05, V-16 †
Ethylbenzene	0.0235	0.0020	mg/Kg wet	0.0200		118	70-130			
Hexachlorobutadiene	0.0243	0.0020	mg/Kg wet	0.0200		122	70-130			
2-Hexanone (MBK)	0.196	0.020	mg/Kg wet	0.200		98.0	40-160			†
Isopropylbenzene (Cumene)	0.0231	0.0020	mg/Kg wet	0.0200		116	70-130			
p-Isopropyltoluene (p-Cymene)	0.0252	0.0020	mg/Kg wet	0.0200		126	70-130			
Methyl tert-Butyl Ether (MTBE)	0.0213	0.0040	mg/Kg wet	0.0200		106	70-130			
Methylene Chloride	0.0193	0.010	mg/Kg wet	0.0200		96.5	70-130			
4-Methyl-2-pentanone (MIBK)	0.198	0.020	mg/Kg wet	0.200		98.9	40-160			†
Naphthalene	0.0160	0.010	mg/Kg wet	0.0200		80.0	70-130			V-05
n-Propylbenzene	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130			
Styrene	0.0237	0.0020	mg/Kg wet	0.0200		118	70-130			
1,1,1,2-Tetrachloroethane	0.0223	0.0020	mg/Kg wet	0.0200		112	70-130			
1,1,1,2,2-Tetrachloroethane	0.0218	0.0010	mg/Kg wet	0.0200		109	70-130			
Tetrachloroethylene	0.0243	0.0020	mg/Kg wet	0.0200		122	70-130			
Tetrahydrofuran	0.0228	0.010	mg/Kg wet	0.0200		114	70-130			
Toluene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130			
1,2,3-Trichlorobenzene	0.0179	0.0040	mg/Kg wet	0.0200		89.3	70-130			V-05
1,2,4-Trichlorobenzene	0.0182	0.0040	mg/Kg wet	0.0200		91.1	70-130			V-05
1,1,1-Trichloroethane	0.0215	0.0020	mg/Kg wet	0.0200		108	70-130			
1,1,2-Trichloroethane	0.0212	0.0020	mg/Kg wet	0.0200		106	70-130			
Trichloroethylene	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130			
Trichlorofluoromethane (Freon 11)	0.0220	0.010	mg/Kg wet	0.0200		110	70-130			
1,2,3-Trichloropropane	0.0207	0.0020	mg/Kg wet	0.0200		103	70-130			
1,2,4-Trimethylbenzene	0.0235	0.0020	mg/Kg wet	0.0200		117	70-130			
1,3,5-Trimethylbenzene	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130			
Vinyl Chloride	0.0212	0.010	mg/Kg wet	0.0200		106	70-130			
m+p Xylene	0.0468	0.0040	mg/Kg wet	0.0400		117	70-130			
o-Xylene	0.0224	0.0020	mg/Kg wet	0.0200		112	70-130			
Surrogate: 1,2-Dichloroethane-d4	0.0472		mg/Kg wet	0.0500		94.4	70-130			
Surrogate: Toluene-d8	0.0508		mg/Kg wet	0.0500		102	70-130			
Surrogate: 4-Bromofluorobenzene	0.0499		mg/Kg wet	0.0500		99.8	70-130			

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094249 - SW-846 5035										
LCS Dup (B094249-BSD1)										
Prepared & Analyzed: 04/22/14										
Acetone	0.195	0.10	mg/Kg wet	0.200		97.3	40-160	3.09	20	†
tert-Amyl Methyl Ether (TAME)	0.0215	0.0010	mg/Kg wet	0.0200		107	70-130	5.36	20	
Benzene	0.0225	0.0020	mg/Kg wet	0.0200		113	70-130	7.94	20	
Bromobenzene	0.0218	0.0020	mg/Kg wet	0.0200		109	70-130	3.65	20	
Bromochloromethane	0.0253	0.0020	mg/Kg wet	0.0200		126	70-130	15.0	20	
Bromodichloromethane	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130	4.99	20	
Bromoform	0.0219	0.0020	mg/Kg wet	0.0200		110	70-130	3.82	20	
Bromomethane	0.0119	0.010	mg/Kg wet	0.0200		59.4	40-160	26.9 *	20	L-14, R-05 †
2-Butanone (MEK)	0.191	0.040	mg/Kg wet	0.200		95.3	40-160	0.431	20	†
n-Butylbenzene	0.0262	0.0020	mg/Kg wet	0.0200		131 *	70-130	5.57	20	L-07
sec-Butylbenzene	0.0257	0.0020	mg/Kg wet	0.0200		129	70-130	7.00	20	
tert-Butylbenzene	0.0252	0.0020	mg/Kg wet	0.0200		126	70-130	7.66	20	
tert-Butyl Ethyl Ether (TBEE)	0.0232	0.0010	mg/Kg wet	0.0200		116	70-130	6.05	20	
Carbon Disulfide	0.0226	0.020	mg/Kg wet	0.0200		113	70-130	9.95	20	
Carbon Tetrachloride	0.0271	0.0020	mg/Kg wet	0.0200		135 *	70-130	9.69	20	L-07
Chlorobenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	6.38	20	
Chlorodibromomethane	0.0218	0.0010	mg/Kg wet	0.0200		109	70-130	4.32	20	
Chloroethane	0.0281	0.010	mg/Kg wet	0.0200		141 *	70-130	9.53	20	L-07
Chloroform	0.0229	0.0040	mg/Kg wet	0.0200		114	70-130	8.56	20	
Chloromethane	0.0300	0.010	mg/Kg wet	0.0200		150	40-160	10.9	20	L-14, V-20 †
2-Chlorotoluene	0.0233	0.0020	mg/Kg wet	0.0200		117	70-130	6.27	20	
4-Chlorotoluene	0.0243	0.0020	mg/Kg wet	0.0200		121	70-130	6.20	20	
1,2-Dibromo-3-chloropropane (DBCP)	0.0194	0.0020	mg/Kg wet	0.0200		97.0	70-130	0.412	20	
1,2-Dibromoethane (EDB)	0.0231	0.0010	mg/Kg wet	0.0200		115	70-130	4.80	20	
Dibromomethane	0.0228	0.0020	mg/Kg wet	0.0200		114	70-130	2.85	20	
1,2-Dichlorobenzene	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	8.63	20	
1,3-Dichlorobenzene	0.0225	0.0020	mg/Kg wet	0.0200		112	70-130	6.14	20	
1,4-Dichlorobenzene	0.0226	0.0020	mg/Kg wet	0.0200		113	70-130	8.76	20	
Dichlorodifluoromethane (Freon 12)	0.0216	0.010	mg/Kg wet	0.0200		108	40-160	8.89	20	V-05 †
1,1-Dichloroethane	0.0230	0.0020	mg/Kg wet	0.0200		115	70-130	10.5	20	
1,2-Dichloroethane	0.0220	0.0020	mg/Kg wet	0.0200		110	70-130	4.46	20	
1,1-Dichloroethylene	0.0251	0.0040	mg/Kg wet	0.0200		126	70-130	10.4	20	
cis-1,2-Dichloroethylene	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	8.65	20	
trans-1,2-Dichloroethylene	0.0233	0.0020	mg/Kg wet	0.0200		117	70-130	10.6	20	
1,2-Dichloropropane	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130	6.63	20	
1,3-Dichloropropane	0.0222	0.0010	mg/Kg wet	0.0200		111	70-130	4.24	20	
2,2-Dichloropropane	0.0263	0.0040	mg/Kg wet	0.0200		132 *	70-130	7.65	20	L-07
1,1-Dichloropropene	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130	10.4	20	
cis-1,3-Dichloropropene	0.0223	0.0010	mg/Kg wet	0.0200		111	70-130	6.11	20	
trans-1,3-Dichloropropene	0.0236	0.0010	mg/Kg wet	0.0200		118	70-130	4.15	20	
Diethyl Ether	0.0239	0.010	mg/Kg wet	0.0200		120	70-130	8.99	20	
Diisopropyl Ether (DIPE)	0.0234	0.0010	mg/Kg wet	0.0200		117	70-130	7.25	20	
1,4-Dioxane	0.205	0.10	mg/Kg wet	0.200		103	40-160	30.5 *	20	R-05, V-16 †
Ethylbenzene	0.0248	0.0020	mg/Kg wet	0.0200		124	70-130	5.38	20	
Hexachlorobutadiene	0.0259	0.0020	mg/Kg wet	0.0200		130	70-130	6.21	20	
2-Hexanone (MBK)	0.196	0.020	mg/Kg wet	0.200		97.8	40-160	0.194	20	†
Isopropylbenzene (Cumene)	0.0244	0.0020	mg/Kg wet	0.0200		122	70-130	5.47	20	
p-Isopropyltoluene (p-Cymene)	0.0268	0.0020	mg/Kg wet	0.0200		134 *	70-130	6.00	20	L-07
Methyl tert-Butyl Ether (MTBE)	0.0224	0.0040	mg/Kg wet	0.0200		112	70-130	5.31	20	
Methylene Chloride	0.0222	0.010	mg/Kg wet	0.0200		111	70-130	14.2	20	
4-Methyl-2-pentanone (MIBK)	0.199	0.020	mg/Kg wet	0.200		99.7	40-160	0.805	20	†
Naphthalene	0.0169	0.010	mg/Kg wet	0.0200		84.7	70-130	5.71	20	V-05

QUALITY CONTROL

Volatile Organic Compounds by GC/MS - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094249 - SW-846 5035										
LCS Dup (B094249-BSD1)										
Prepared & Analyzed: 04/22/14										
n-Propylbenzene	0.0253	0.0020	mg/Kg wet	0.0200		127	70-130	3.94	20	
Styrene	0.0251	0.0020	mg/Kg wet	0.0200		125	70-130	5.75	20	
1,1,1,2-Tetrachloroethane	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130	4.72	20	
1,1,2,2-Tetrachloroethane	0.0222	0.0010	mg/Kg wet	0.0200		111	70-130	1.91	20	
Tetrachloroethylene	0.0254	0.0020	mg/Kg wet	0.0200		127	70-130	4.35	20	
Tetrahydrofuran	0.0232	0.010	mg/Kg wet	0.0200		116	70-130	1.83	20	
Toluene	0.0234	0.0020	mg/Kg wet	0.0200		117	70-130	6.16	20	
1,2,3-Trichlorobenzene	0.0184	0.0040	mg/Kg wet	0.0200		91.9	70-130	2.87	20	V-05
1,2,4-Trichlorobenzene	0.0192	0.0040	mg/Kg wet	0.0200		95.8	70-130	5.03	20	V-05
1,1,1-Trichloroethane	0.0235	0.0020	mg/Kg wet	0.0200		118	70-130	9.06	20	
1,1,2-Trichloroethane	0.0222	0.0020	mg/Kg wet	0.0200		111	70-130	4.33	20	
Trichloroethylene	0.0235	0.0020	mg/Kg wet	0.0200		118	70-130	4.52	20	
Trichlorofluoromethane (Freon 11)	0.0240	0.010	mg/Kg wet	0.0200		120	70-130	8.51	20	
1,2,3-Trichloropropane	0.0202	0.0020	mg/Kg wet	0.0200		101	70-130	2.35	20	
1,2,4-Trimethylbenzene	0.0253	0.0020	mg/Kg wet	0.0200		126	70-130	7.30	20	
1,3,5-Trimethylbenzene	0.0252	0.0020	mg/Kg wet	0.0200		126	70-130	5.70	20	
Vinyl Chloride	0.0231	0.010	mg/Kg wet	0.0200		115	70-130	8.59	20	
m+p Xylene	0.0496	0.0040	mg/Kg wet	0.0400		124	70-130	5.69	20	
o-Xylene	0.0238	0.0020	mg/Kg wet	0.0200		119	70-130	5.97	20	
Surrogate: 1,2-Dichloroethane-d4	0.0474		mg/Kg wet	0.0500		94.9	70-130			
Surrogate: Toluene-d8	0.0505		mg/Kg wet	0.0500		101	70-130			
Surrogate: 4-Bromofluorobenzene	0.0507		mg/Kg wet	0.0500		101	70-130			

QUALITY CONTROL

Polychlorinated Biphenyls By GC/ECD - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094214 - SW-846 3546										
Blank (B094214-BLK1)					Prepared: 04/21/14 Analyzed: 04/23/14					
Aroclor-1016	ND	0.020	mg/Kg wet							
Aroclor-1016 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1221	ND	0.020	mg/Kg wet							
Aroclor-1221 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1232	ND	0.020	mg/Kg wet							
Aroclor-1232 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1242	ND	0.020	mg/Kg wet							
Aroclor-1242 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1248	ND	0.020	mg/Kg wet							
Aroclor-1248 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1254	ND	0.020	mg/Kg wet							
Aroclor-1254 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1260	ND	0.020	mg/Kg wet							
Aroclor-1260 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1262	ND	0.020	mg/Kg wet							
Aroclor-1262 [2C]	ND	0.020	mg/Kg wet							
Aroclor-1268	ND	0.020	mg/Kg wet							
Aroclor-1268 [2C]	ND	0.020	mg/Kg wet							
Surrogate: Decachlorobiphenyl	0.183		mg/Kg wet	0.200		91.6	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.210		mg/Kg wet	0.200		105	30-150			
Surrogate: Tetrachloro-m-xylene	0.167		mg/Kg wet	0.200		83.7	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.185		mg/Kg wet	0.200		92.7	30-150			
LCS (B094214-BS1)					Prepared: 04/21/14 Analyzed: 04/23/14					
Aroclor-1016	0.22	0.10	mg/Kg wet	0.200		111	40-140			
Aroclor-1016 [2C]	0.28	0.10	mg/Kg wet	0.200		141	* 40-140			L-07
Aroclor-1260	0.25	0.10	mg/Kg wet	0.200		124	40-140			
Aroclor-1260 [2C]	0.26	0.10	mg/Kg wet	0.200		128	40-140			
Surrogate: Decachlorobiphenyl	0.196		mg/Kg wet	0.200		98.1	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.208		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene	0.180		mg/Kg wet	0.200		90.2	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.185		mg/Kg wet	0.200		92.3	30-150			
LCS Dup (B094214-BSD1)					Prepared: 04/21/14 Analyzed: 04/23/14					
Aroclor-1016	0.20	0.10	mg/Kg wet	0.200		102	40-140	9.00	30	
Aroclor-1016 [2C]	0.22	0.10	mg/Kg wet	0.200		109	40-140	25.6	30	
Aroclor-1260	0.20	0.10	mg/Kg wet	0.200		101	40-140	20.3	30	
Aroclor-1260 [2C]	0.22	0.10	mg/Kg wet	0.200		109	40-140	16.5	30	
Surrogate: Decachlorobiphenyl	0.203		mg/Kg wet	0.200		101	30-150			
Surrogate: Decachlorobiphenyl [2C]	0.207		mg/Kg wet	0.200		104	30-150			
Surrogate: Tetrachloro-m-xylene	0.185		mg/Kg wet	0.200		92.4	30-150			
Surrogate: Tetrachloro-m-xylene [2C]	0.189		mg/Kg wet	0.200		94.7	30-150			

QUALITY CONTROL

Petroleum Hydrocarbons Analyses - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094121 - SW-846 3546										
Blank (B094121-BLK1)										
					Prepared: 04/19/14 Analyzed: 04/22/14					
TPH (C9-C36)	ND	8.3	mg/Kg wet							
Surrogate: o-Terphenyl	3.21		mg/Kg wet	3.33		96.3	40-140			
LCS (B094121-BS1)										
					Prepared: 04/19/14 Analyzed: 04/22/14					
TPH (C9-C36)	29.2	8.3	mg/Kg wet	33.3		87.5	40-140			
Surrogate: o-Terphenyl	3.05		mg/Kg wet	3.33		91.5	40-140			
LCS Dup (B094121-BSD1)										
					Prepared: 04/19/14 Analyzed: 04/22/14					
TPH (C9-C36)	28.3	8.3	mg/Kg wet	33.3		85.0	40-140	2.85	30	
Surrogate: o-Terphenyl	3.19		mg/Kg wet	3.33		95.7	40-140			

QUALITY CONTROL

Metals Analyses (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch B094212 - SW-846 3050B										
Blank (B094212-BLK1)										
Prepared: 04/21/14 Analyzed: 04/22/14										
Arsenic	ND	2.5	mg/Kg wet							
Barium	ND	2.5	mg/Kg wet							
Cadmium	ND	0.25	mg/Kg wet							
Chromium	ND	0.50	mg/Kg wet							
Lead	ND	0.75	mg/Kg wet							
Selenium	ND	5.0	mg/Kg wet							
Silver	ND	0.50	mg/Kg wet							
LCS (B094212-BS1)										
Prepared: 04/21/14 Analyzed: 04/22/14										
Arsenic	105	5.0	mg/Kg wet	99.6		105	83-117.6			
Barium	315	5.0	mg/Kg wet	310		102	83.2-117.5			
Cadmium	176	0.50	mg/Kg wet	182		96.9	83.1-116.9			
Chromium	140	0.99	mg/Kg wet	136		103	81.6-117.6			
Lead	112	1.5	mg/Kg wet	115		97.3	82.4-117.8			
Selenium	156	9.9	mg/Kg wet	150		104	80-120			
Silver	38.7	0.99	mg/Kg wet	40.4		95.8	66.2-133.8			
LCS Dup (B094212-BSD1)										
Prepared: 04/21/14 Analyzed: 04/22/14										
Arsenic	103	5.0	mg/Kg wet	99.6		104	83-117.6	1.33	30	
Barium	305	5.0	mg/Kg wet	310		98.5	83.2-117.5	3.13	30	
Cadmium	174	0.50	mg/Kg wet	182		95.3	83.1-116.9	1.65	30	
Chromium	135	0.99	mg/Kg wet	136		99.2	81.6-117.6	3.73	30	
Lead	108	1.5	mg/Kg wet	115		94.3	82.4-117.8	3.03	30	
Selenium	154	9.9	mg/Kg wet	150		103	80-120	1.17	30	
Silver	37.3	0.99	mg/Kg wet	40.4		92.4	66.2-133.8	3.54	30	
MRL Check (B094212-MRL1)										
Prepared: 04/21/14 Analyzed: 04/22/14										
Lead	0.653	0.74	mg/Kg wet	0.744		87.8	80-120			
Batch B094284 - SW-846 7471										
Blank (B094284-BLK1)										
Prepared: 04/22/14 Analyzed: 04/23/14										
Mercury	ND	0.025	mg/Kg wet							
LCS (B094284-BS1)										
Prepared: 04/22/14 Analyzed: 04/23/14										
Mercury	6.20	0.37	mg/Kg wet	5.76		108	71.6-128.1			
LCS Dup (B094284-BSD1)										
Prepared: 04/22/14 Analyzed: 04/23/14										
Mercury	6.85	0.38	mg/Kg wet	5.76		119	71.6-128.1	10.0	30	

QUALITY CONTROL

Conventional Chemistry Parameters by EPA/APHA/SW-846 Methods (Total) - Quality Control

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
---------	--------	-----------------	-------	-------------	---------------	------	-------------	-----	-----------	-------

Batch B094218 - % Solids

Duplicate (B094218-DUP1)

Source: 14D0712-01

Prepared: 04/21/14 Analyzed: 04/22/14

% Solids	83.6		% Wt		83.9			0.358	20	
----------	------	--	------	--	------	--	--	-------	----	--

FLAG/QUALIFIER SUMMARY

- * QC result is outside of established limits.
 - † Wide recovery limits established for difficult compound.
 - ‡ Wide RPD limits established for difficult compound.
 - # Data exceeded client recommended or regulatory level
- Percent recoveries and relative percent differences (RPDs) are determined by the software using values in the calculation which have not been rounded.
No results have been blank subtracted unless specified in the case narrative section.
- L-07 Either laboratory fortified blank/laboratory control sample or duplicate recovery is outside of control limits, but the other is within limits. RPD between the two LFB/LCS results is within method specified criteria.
 - L-14 Compound classified by MA CAM as difficult with acceptable recoveries of 40-160%. Recovery does not meet 70-130% criteria but does meet difficult compound criteria.
 - O-03 Sample contains two incompletely resolved aroclors. Aroclor with the closest matching pattern is reported.
 - P-01 Result was confirmed using a dissimilar column. Relative percent difference between the two results was >40%. In accordance with the method, the higher result was reported.
 - R-05 Laboratory fortified blank duplicate RPD is outside of control limits. Reduced precision is anticipated for any reported value for this compound.
 - S-01 The surrogate recovery for this sample is not available due to sample dilution below the surrogate reporting limit required from high analyte concentration and/or matrix interferences.
 - V-05 Continuing calibration did not meet method specifications and was biased on the low side for this compound. Increased uncertainty is associated with the reported value which is likely to be biased on the low side.
 - V-16 Response factor is less than method specified minimum acceptable value. Reduced precision and accuracy may be associated with reported result.
 - V-20 Continuing calibration did not meet method specifications and was biased on the high side. Data validation is not affected since sample result was "not detected" for this compound.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
SW-846 6010C in Soil	
Arsenic	CT,NH,NY,ME,NC,VA,NJ
Barium	CT,NH,NY,ME,NC,VA,NJ
Cadmium	CT,NH,NY,ME,NC,VA,NJ
Chromium	CT,NH,NY,ME,NC,VA,NJ
Lead	CT,NH,NY,AIHA,ME,NC,VA,NJ
Selenium	CT,NH,NY,ME,NC,VA,NJ
Silver	CT,NH,NY,ME,NC,VA,NJ
SW-846 7471B in Soil	
Mercury	CT,NH,NY,NC,ME,VA,NJ
SW-846 8082A in Soil	
Aroclor-1016	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1016 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1221	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1221 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1232	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1232 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1242	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1242 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1248	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1248 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1254	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1254 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1260	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1260 [2C]	CT,NH,NY,NC,ME,VA,NJ
Aroclor-1262	NC
Aroclor-1262 [2C]	NC
Aroclor-1268	NC
Aroclor-1268 [2C]	NC
SW-846 8260C in Soil	
Acetone	CT,NH,NY,ME
Benzene	CT,NH,NY,ME
Bromobenzene	NH,NY,ME
Bromochloromethane	NH,NY,ME
Bromodichloromethane	CT,NH,NY,ME
Bromoform	CT,NH,NY,ME
Bromomethane	CT,NH,NY,ME
2-Butanone (MEK)	CT,NH,NY,ME
n-Butylbenzene	CT,NH,NY,ME
sec-Butylbenzene	CT,NH,NY,ME
tert-Butylbenzene	CT,NH,NY,ME
Carbon Disulfide	CT,NH,NY,ME
Carbon Tetrachloride	CT,NH,NY,ME
Chlorobenzene	CT,NH,NY,ME
Chlorodibromomethane	CT,NH,NY,ME
Chloroethane	CT,NH,NY,ME
Chloroform	CT,NH,NY,ME

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>SW-846 8260C in Soil</i>	
Chloromethane	CT,NH,NY,ME
2-Chlorotoluene	CT,NH,NY,ME
4-Chlorotoluene	CT,NH,NY,ME
Dibromomethane	NH,NY,ME
1,2-Dichlorobenzene	CT,NH,NY,ME
1,3-Dichlorobenzene	CT,NH,NY,ME
1,4-Dichlorobenzene	CT,NH,NY,ME
Dichlorodifluoromethane (Freon 12)	NY,ME
1,1-Dichloroethane	CT,NH,NY,ME
1,2-Dichloroethane	CT,NH,NY,ME
1,1-Dichloroethylene	CT,NH,NY,ME
cis-1,2-Dichloroethylene	CT,NH,NY,ME
trans-1,2-Dichloroethylene	CT,NH,NY,ME
1,2-Dichloropropane	CT,NH,NY,ME
1,3-Dichloropropane	NH,NY,ME
2,2-Dichloropropane	NH,NY,ME
1,1-Dichloropropene	NH,NY,ME
cis-1,3-Dichloropropene	CT,NH,NY,ME
trans-1,3-Dichloropropene	CT,NH,NY,ME
Ethylbenzene	CT,NH,NY,ME
Hexachlorobutadiene	NH,NY,ME
2-Hexanone (MBK)	CT,NH,NY,ME
Isopropylbenzene (Cumene)	CT,NH,NY,ME
p-Isopropyltoluene (p-Cymene)	NH,NY
Methyl tert-Butyl Ether (MTBE)	NY
Methylene Chloride	CT,NH,NY,ME
4-Methyl-2-pentanone (MIBK)	CT,NH,NY
Naphthalene	NH,NY,ME
n-Propylbenzene	NH,NY
Styrene	CT,NH,NY,ME
1,1,1,2-Tetrachloroethane	CT,NH,NY,ME
1,1,2,2-Tetrachloroethane	CT,NH,NY,ME
Tetrachloroethylene	CT,NH,NY,ME
Toluene	CT,NH,NY,ME
1,2,4-Trichlorobenzene	NH,NY,ME
1,1,1-Trichloroethane	CT,NH,NY,ME
1,1,2-Trichloroethane	CT,NH,NY,ME
Trichloroethylene	CT,NH,NY,ME
Trichlorofluoromethane (Freon 11)	CT,NH,NY,ME
1,2,3-Trichloropropane	NH,NY,ME
1,2,4-Trimethylbenzene	CT,NH,NY,ME
1,3,5-Trimethylbenzene	CT,NH,NY,ME
Vinyl Chloride	CT,NH,NY,ME
m+p Xylene	CT,NH,NY,ME
o-Xylene	CT,NH,NY,ME

The CON-TEST Environmental Laboratory operates under the following certifications and accreditations:

Code	Description	Number	Expires
AIHA	AIHA-LAP, LLC	100033	02/1/2016
MA	Massachusetts DEP	M-MA100	06/30/2014
CT	Connecticut Department of Public Health	PH-0567	09/30/2015
NY	New York State Department of Health	10899 NELAP	04/1/2015
NH-S	New Hampshire Environmental Lab	2516 NELAP	02/5/2015
RI	Rhode Island Department of Health	LAO00112	12/30/2014
NC	North Carolina Div. of Water Quality	652	12/31/2014
NJ	New Jersey DEP	MA007 NELAP	06/30/2014
FL	Florida Department of Health	E871027 NELAP	06/30/2014
VT	Vermont Department of Health Lead Laboratory	LL015036	07/30/2014
WA	State of Washington Department of Ecology	C2065	02/23/2015
ME	State of Maine	2011028	06/9/2015
VA	Commonwealth of Virginia	460217	12/14/2014
NH-P	New Hampshire Environmental Lab	2557 NELAP	09/6/2014

Bottle Order Information Document - Please Return With COC

Con-Test Analytical Laboratory

Printed: 2/14/2014 3:10:00PM

Client: Town of Greenfield Project: 20140123 Soil Testing Project Comments:	Client Contact: Marie Iken Project Number: 20140123 Soil Testing
--	---

Sample ID	Qty	Associated Container	Associated Analyses
-	1	VOA vial + MeOH	8082 8100 Modified 8260 MA MCP Metals Digestion RCRA 8 6010 Total Solids, Percent by SM2540G
	2	VOA vial + Bisulfate	
	2	8 oz amber glass jar	
-	1	VOA vial + MeOH	
	2	VOA vial + Bisulfate	
	2	8 oz amber glass jar	

<u>RCRA 8 6010 Total</u>			
Silver 6010 Total	Selenium 6010 Total	Mercury 7470/7471 Total	Lead 6010 Total
Chromium 6010 Total	Cadmium 6010 Total	Barium 6010 Total	Arsenic 6010 Total



BOTTLE ORDER REQUEST FORM

39 Spruce Street | East Longmeadow, MA 01028 | <http://www.contestlabs.com>
 Tel: (413) 525-2332 | Fax: (413) 525-6405 | Email: info@contestlabs.com

Date Needed: 02/17/14
 Time Needed: Anytime in AM
 Client Contact: Maureen Pollock
 Phone: (413) 772-1551
 Client/Company: Town of Greenfield
 Delivery Location / Shipping Address: 114 Main Street, Greenfield, MA 01301
 Con-Test Employee: Aaron Benoit
 Method of Delivery: Ship
 Project Chemist: Aaron Benoit
 Client Email: _____

Employee Completing order/Date: AP 2/14/14

DI Water requested	Purged Qty	Unpurged Qty
Soil Syringe Information		
Quantity	Syringe Type	
2	Soil Grabber ✓	
Chain of Custody Preference		
Standard CoC		
Supplemental Information		
Coolers	Yes	Pre-Label <u>No</u>
Labels	<u>Yes-No</u>	Trip Blanks <u>No</u>
Pre-Bagged	No	

Project Location (CoC & labels reference)

Soil Testing

Add'l Info: _____

Samples	Matrix	Parameter	250ml	500ml	1L	2oz	4oz	8oz	250ml	8oz	500ml	1L	40ml	Other
			Plastic	Plastic	Plastic	Clear	Amber	Clear	Amber	Amber	Amber	Amber	Vials	
2	Soil	VOC 8260												2/M ✓ 4/B ✓
2	Soil	PCB 8082, TPH 8100 RCRA 8 Metals, %Solids								4 ✓				
2		Soil Grabber												

Bottle Preservation Codes:

H = HCL (Hydrochloric) N = HNO3 (Nitric) O = H2SO4 (Sulfuric) X = NaOH (Sodium Hydroxide) T = Sodium Thiosulfate
 M = MeOH (Methanol) DI = Deionized Water B = Sodium Bisulfate A = Ascorbic Acid Z = Zinc Acetate + NaOH

Con-Test is the **ONLY** independent laboratory in New England with both the prestigious AIHA Accreditation and NELAC Certifications!
 Thank you for using Con-Test Analytical Laboratory!

39 Spruce St.
 East Longmeadow, MA. 01028
 P: 413-525-2332
 F: 413-525-6405
 www.contestlabs.com



Sample Receipt Checklist

CLIENT NAME: Town Of Greenfield RECEIVED BY: PB DATE: 4.18.14

- 1) Was the chain(s) of custody relinquished and signed? Yes No No CoC Included
- 2) Does the chain agree with the samples? Yes No
 If not, explain: _____
- 3) Are all the samples in good condition? Yes No
 If not, explain: _____

4) How were the samples received:
 On Ice Direct from Sampling Ambient In Cooler(s)

Were the samples received in Temperature Compliance of (2-6°C)? Yes No N/A
 Temperature °C by Temp blank _____ Temperature °C by Temp gun 3.6

5) Are there Dissolved samples for the lab to filter? Yes No
 Who was notified _____ Date _____ Time _____

6) Are there any RUSH or SHORT HOLDING TIME samples? Yes No
 Who was notified _____ Date _____ Time _____

7) Location where samples are stored: Log in
 Permission to subcontract samples? Yes No
 (Walk-in clients only) if not already approved
 Client Signature: _____

8) Do all samples have the proper Acid pH: Yes No N/A

9) Do all samples have the proper Base pH: Yes No N/A

10) Was the PC notified of any discrepancies with the CoC vs the samples: Yes No N/A

Containers received at Con-Test

	# of containers		# of containers
1 Liter Amber		8 oz amber/clear jar	3
500 mL Amber		4 oz amber/clear jar	
250 mL Amber (8oz amber)		2 oz amber/clear jar	
1 Liter Plastic		Plastic Bag / Ziploc	
500 mL Plastic		SOC Kit	
250 mL plastic		Non-ConTest Container	
40 mL Vial - type listed below	6	Perchlorate Kit	
Colisure / bacteria bottle		Flashpoint bottle	
Dissolved Oxygen bottle		Other glass jar	
Encore		Other	1 plastic container

Laboratory Comments: _____

40 mL vials: # HCl _____ # Methanol 2
 # Bisulfate 4 # DI Water _____
 # Thiosulfate _____ Unpreserved _____

Time and Date Frozen: _____

Login Sample Receipt Checklist
(Rejection Criteria Listing - Using Sample Acceptance Policy)
Any False statement will be brought to the attention of Client

Question	Answer (True/False)		Comment
	T/F/NA		
1) The cooler's custody seal, if present, is intact.	NA		
2) The cooler or samples do not appear to have been compromised or tampered with.	T		
3) Samples were received on ice.	T		
4) Cooler Temperature is acceptable.	T		
5) Cooler Temperature is recorded.	T		
6) COC is filled out in ink and legible.	T		
7) COC is filled out with all pertinent information.	T		
8) Field Sampler's name present on COC.	T		
9) There are no discrepancies between the sample IDs on the container and the COC.	T		
10) Samples are received within Holding Time.	T		
11) Sample containers have legible labels.	T		
12) Containers are not broken or leaking.	T		
13) Air Cassettes are not broken/open.	NA		
14) Sample collection date/times are provided.	T		
15) Appropriate sample containers are used.	T		
16) Proper collection media used.	T		
17) No headspace sample bottles are completely filled.	NA		
18) There is sufficient volume for all requested analyses, including any requested MS/MSDs.	T		
19) Trip blanks provided if applicable.	NA		
20) VOA sample vials do not have head space or bubble is <6mm (1/4") in diameter.	NA		
21) Samples do not require splitting or compositing.	T		

Doc #277 Rev. 4 August 2013

Who notified of False statements?

Log-In Technician Initials: PB

Date/Time:

Date/Time: 4.18.14
1300