

# CMG ENVIRONMENTAL, INC.

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August 17, 2015

Wayland Board of Selectmen  
% Town Administrator Nanette F. Balmer  
Wayland Town Building  
41 Cochituate Road  
Wayland MA 01778

**Re: Soil Sampling Addendum to July 21, 2015 Phase I ESA  
“Municipal Parcel” Portion of Wayland Town Center  
400-440 Boston Post Road, Wayland MA  
CMG ID 2014-055**

Dear Ms. Balmer:

CMG Environmental, Inc. (CMG) prepared this letter as an addendum to our July 21, 2015 Phase I Environmental Site Assessment (ESA) Report on the ‘Municipal Parcel’ portion of the Wayland Town Center development addressed as 400-440 Boston Post Road in Wayland, Massachusetts. In conformance with our ESA Report, CMG will refer to the Municipal Parcel as “the Site” and the Wayland Town Center development as “the Property.”

One of the findings of our ESA Report was that in October 2000 Haley & Aldrich, Inc. (H&A) had identified 1.25 mg/Kg of total polychlorinated biphenyls (PCBs) in their soil sample designated SS-6, collected adjacent to the former Raytheon Building 12 at the Site (0.51 mg/Kg Aroclor 1254 and 0.74 mg/Kg Aroclor 1260). H&A also identified trace concentrations of the PCB mixture Aroclor 1260 in their soil samples SS-1 (0.14 mg/Kg) and SS-12 (0.18 mg/Kg). At the time the applicable reportable RCS-1 concentration set forth by the Massachusetts Department of Environmental Protection (DEP) for PCBs in soil was 2 mg/Kg. DEP subsequently lowered the RCS-1 standard for PCBs in soil to 1 mg/Kg. Thus CMG noted that it may be prudent to collect an additional soil sample from the SS-6 location for PCB analysis to determine if a reporting condition currently exists.

On July 30, 2015 the Wayland Council on Aging – Community Center Advisory Committee voted to request collecting 8 soil samples at the Site for PCB analysis: Four samples at the SS-6 portion of the Site and four in the northeasterly portion of the Site (planned for future open recreation space). Mr. William Sterling of the Wayland Council on Aging provided CMG with a Concept Plan of the proposed Wayland Community Center that had the four open recreation space sample locations marked on it. CMG prepared a Change Order for this Sampling dated July 31, 2015, which the Board of Selectmen authorized on August 3, 2015.

CMG returned to the Property on August 6 to collect the eight soil samples. We collected four samples in the northeasterly portion of the Site (designated OS-1 through OS-4) in approximately the same locations as indicated on the Wayland Community Center Concept Plan and numbered 1 through 4. CMG field-measured the mapped location of H&A sample SS-6 and determined that it lies beneath the large monolithic block of weathered reinforced concrete located just west

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67 HALL ROAD  
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FAX (774) 241-0906

560 SOUTH MAIN STREET  
NEW BRITAIN, CT 06051  
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of the current Site building (see Section 1.3 and Photograph 2 in Appendix A of our ESA Report). We believe this block, which measures approximately 11×12×2½' high, is a portion of the foundation of former Raytheon Building 12 that has occupied this position since circa 2000.

CMG collected three soil samples from under the edge of this monolith:

- Sample H6-1 approximately 2.2' northwest of the HA-6 location,
- Sample H6-2 approximately 6.9' northeast of the HA-6 location, and
- Sample H6-3 approximately 3.5' southwest of the HA-6 location.

CMG also collected a fourth sample in this area (designated H6-4) just off westerly corner of a poured-concrete pad located adjacent to the southwesterly wall of the existing Site building. There is an electrical shut-off box mounted on the building exterior wall at this location and holes through the building siding with insulated copper tubing in them, so we believe this pad was intended as the support for an air conditioning heat exchanger.

CMG decontaminated soil sampling equipment (a chrome-plated steel soil scoop) prior to sampling and after each sample location. We collected decontamination rinsate in a plastic bucket and properly disposed of this off-Property along with used wipes, paper towels, and latex gloves worn during sampling and decontamination.

The attached Figure 5 illustrates CMG's recent soil sampling locations along with other Site and Property features. The following table summarizes our field observations.

SOIL SAMPLING OBSERVATIONS (8/6/15)

LOCATION	DEPTH	SOIL DESCRIPTION
OS-1	0-1"	Dry grass and roots
	1-4"	Medium-brown topsoil, some gravel & stones, dry, loose (sample interval)
OS-2	0-¾"	Very dry (or dead) grass and roots, some asphalt chunks & grains
	¾-3½"	Light-brown topsoil and coarse sand/fine gravel, dry (sample interval)
OS-3	0-1"	Dried-out sod
	1-4"	Light-brown topsoil, some gravel & stones, dead grass roots, dry, loose (sample interval)
OS-4	0-1"	Dried-out sod
	1-4"	Light-brown topsoil, some gravel & stones, dead grass roots, dry, loose (sample interval)
H6-1	0-4"	Gray-brown topsoil (next to animal burrow under concrete monolith), dry, loose
H6-2	0-4"	Medium-brown topsoil (under overhang of concrete monolith), not as dry
H6-3	0-4"	Gray-brown topsoil, some gravel (under edge of concrete monolith), dry, loose
H6-4	0-4"	Medium-brown organic topsoil, roots & decayed organic matter (at edge of concrete pad, under thick tangle of multiflora rose), relatively moist

CMG submitted eight soil samples to Spectrum Analytical, Inc. (Spectrum) of Agawam, Massachusetts for analysis of PCBs by EPA Method 8082. We also specified that Spectrum extract samples via EPA Method 3540C Exhibit D (Soxhlet extraction).

Spectrum identified trace to low concentrations of the PCB mixture Aroclor 1260 in each of the 8 soil samples tested, as tabulated below.

PCB ANALYTICAL RESULTS (MG/KG)

SAMPLE ID	AROCLOR 1260	OTHER AROCLOR MIXTURES
OS-1 (1-4")	0.220	<i>BRL&lt;0.0213</i>
OS-2 (¾-3½")	0.0255	<i>BRL&lt;0.0213</i>
OS-3 (1-4")	0.0335	<i>BRL&lt;0.0202</i>
OS-4 (1-4")	0.0263	<i>BRL&lt;0.0202</i>
H6-1 (0-4")	0.110	<i>BRL&lt;0.0197</i>
H6-2 (0-4")	0.153	<i>BRL&lt;0.0232</i>
H6-3 (0-4")	0.0364	<i>BRL&lt;0.0202</i>
H6-4 (0-4")	0.217	<i>BRL&lt;0.0240</i>

*BRL = BELOW LABORATORY REPORTING LIMIT*

CMG has attached a copy of the Spectrum certificates of analysis and chain-of-custody documentation to this letter. Please note that Spectrum reported PCB concentrations in µg/Kg units (parts per billion) whereas CMG has reported these in mg/Kg units (parts per million) for consistency with our ESA Report (and DEP reportable concentration standards). As noted above, the applicable RCS-1 soil standard for PCBs is 1 mg/Kg (equivalent to 1,000 µg/Kg). Thus the recent soil sampling and analysis did not identify any current reportable conditions at the Site.

Since testing identified PCBs (albeit at trace to low concentrations) in all soil samples CMG had analyzed, we performed limited statistical analysis of these data to evaluate the probability of an RCS-1 exceedance at the Site. Assuming a normal distribution, we calculated the 95% confidence level as:

$$95\% \text{ Confidence} = X + (t_{(1-\alpha)/2} \times s)$$

Where X = the arithmetic mean,  $t_{(1-\alpha)/2}$  = the one-sided Student's t-distribution value,  $\alpha$  = the desired confidence interval, and s = the standard deviation.

CMG calculates the average (arithmetic mean) concentration of Aroclor 1260 in the 8 soil samples that we collected to be 0.103 mg/Kg and the standard deviation to be 0.0848 mg/Kg. Since  $\alpha$  is 0.95 (95%),  $(1-\alpha)/2$  would be 0.025. There are eight samples in this data set, so the n-1 degrees of freedom would be 7. The one-sided Student's t-distribution value  $t_{0.025}$  for 7 degrees of freedom is 2.365. Substituting these values into the above equation yields:

$$95\% \text{ Confidence} = 0.103 \text{ mg/Kg} + (2.365 \times 0.0848 \text{ mg/Kg}) = 0.303 \text{ mg/Kg}$$

This means that CMG is 95% confident that the average concentration of Aroclor 1260 in Site soils is no greater than 0.303 mg/Kg, which is less than one-third the most stringent applicable Method 1 risk characterization standard (S-1/GW-1) for PCBs in soil currently promulgated by DEP. In other words, the identified concentration of PCBs in soil would not pose a significant

risk of harm to human health, public welfare, safety, or the environment under any current or reasonable foreseeable future scenario of unrestricted use (including recreational, day care, or gardening use of the Site).

CMG has updated Table 1 of our ESA Report to include the recent soil data (copy attached). We have also included copies of the information letters required by DEP to the current Property owner (Twenty Wayland, LLC) regarding this soil sampling.

As always, please feel free to contact the undersigned if you have any questions regarding this Soil Sampling Addendum letter, or if CMG can otherwise be of assistance to you.

Sincerely,  
CMG ENVIRONMENTAL, INC.



Benson R. Gould, LSP, LEP  
Principal

Attachments: Figure 5 (Sampling Locations)  
Table 1 (Soil Quality Data)  
Notification letters to Twenty Wayland, LLC  
Spectrum Data Package SC10984

2014-055\Soil Sampling.doc



TABLE 1

## SOIL QUALITY DATA (MG/KG)

RTN 3-13302

Test	Parameter	(current) RCS-1 Reportable Concentrations	SB-9* 3½-5½" 10/13/95	HA-1 6-12" 11/15/95	[HA] SS-1 0-3" 10/11/00	[HA] SS-4 0-3" 10/11/00	[HA] SS-5 0-3" 10/11/00	[HA] SS-6 0-3" 10/11/00	[HA] SS-7 0-3" 10/11/00	[HA] SS-8 0-3" 10/11/00
EPH	C <sub>9</sub> -C <sub>18</sub> Aliphatics	1,000	NT	NT	BRL	BRL	BRL	BRL	BRL	BRL
	C <sub>19</sub> -C <sub>36</sub> Aliphatics	3,000	NT	NT	BRL	BRL	84	250	220	BRL
	C <sub>11</sub> -C <sub>22</sub> Aromatics	1,000	NT	NT	BRL	BRL	BRL	2,400	55	BRL
PAHs	Phenanthrene	10	BRL	NT	BRL	BRL	BRL	0.48	BRL	BRL
	Fluoranthene	1,000	BRL	NT	BRL	BRL	BRL	0.96	BRL	BRL
	Pyrene	1,000	BRL	NT	BRL	BRL	BRL	0.72	BRL	BRL
	Benzo(a)anthracene	7	BRL	NT	BRL	BRL	BRL	0.43	BRL	BRL
	Chrysene	70	BRL	NT	BRL	BRL	BRL	0.36	BRL	BRL
	Benzo(b)fluoranthene	7	BRL	NT	BRL	BRL	BRL	0.55	BRL	BRL
	Benzo(k)fluoranthene	70	BRL	NT	BRL	BRL	BRL	BRL	BRL	BRL
	Benzo(a)pyrene	2	BRL	NT	BRL	BRL	BRL	0.45	BRL	BRL
	Indeno(1,2,3-cd)pyrene	7	BRL	NT	BRL	BRL	BRL	BRL	BRL	BRL
	Benzo(g,h,i)perylene	1,000	BRL	NT	BRL	BRL	BRL	BRL	BRL	BRL
PCBs	Aroclor 1254	1	BRL	BRL	BRL	NT	NT	0.51	BRL	BRL
	Aroclor 1260		BRL	BRL	0.14	NT	NT	0.74	BRL	BRL
	Total Polychlorinated Biphenyl		BRL	BRL	0.14	NT	NT	1.25	BRL	BRL
Total Metals	Arsenic	20	4.7	NT	BRL	BRL	BRL	7.5	BRL	7.2
	Barium	1,000	22	NT	NT	NT	NT	NT	NT	NT
	Cadmium	70	9.6	NT	BRL	BRL	BRL	0.56	BRL	BRL
	Chromium (total)	100	BRL	NT	BRL	BRL	BRL	12	BRL	BRL
	Copper	1,000	NT	NT	BRL	25	BRL	26	27	BRL
	Lead	200	4.4	NT	12	BRL	13	19	15	BRL
	Mercury	20	BRL	NT	BRL	BRL	0.090	0.097	BRL	BRL
	Nickel	600	NT	NT	BRL	BRL	BRL	16	BRL	BRL
	Selenium	400	0.84	NT	BRL	BRL	BRL	BRL	BRL	BRL
	Zinc	1,000	NT	NT	61	BRL	62	85	64	BRL

Notes BRL = Below laboratory Reporting Limit  
 NT = Not Tested (for that parameter)  
 Blue highlighted text = Exceeds current RCS-1

\*Laboratory analysis identified 0.014 mg/Kg of methylene chloride in the sample from SB-9, but also detected this VOC in the laboratory blank for this batch of samples. Analysis did not identify any other VOCs above laboratory reporting limits in this sample.



TABLE 1

## SOIL QUALITY DATA (MG/Kg)

RTN 3-13302

Test	Parameter	(current) RCS-1 Reportable Concentrations	[HA] SS-9 0-3" 10/11/00	[HA] SS-11 0-3" 10/11/00	[HA] SS-12 0-3" 10/11/00	[HA] SS-13 0-3" 10/11/00	[HA] SS-6A 0-3" 10/27/00	[HA] SS-6B 0-3" 10/27/00	[HA] SS-6C 0-3" 10/27/00
EPH	C <sub>9</sub> -C <sub>18</sub> Aliphatics	1,000	BRL	BRL	BRL	BRL	BRL	BRL	BRL
	C <sub>19</sub> -C <sub>36</sub> Aliphatics	3,000	BRL	56	53	BRL	47	39	BRL
	C <sub>11</sub> -C <sub>22</sub> Aromatics	1,000	BRL	140	40	BRL	BRL	BRL	BRL
PAHs	Phenanthrene	10	BRL	0.45	BRL	BRL	BRL	BRL	BRL
	Fluoranthene	1,000	BRL	1.8	BRL	BRL	BRL	BRL	BRL
	Pyrene	1,000	BRL	1.4	BRL	BRL	BRL	BRL	BRL
	Benzo(a)anthracene	7	BRL	0.92	BRL	BRL	BRL	BRL	BRL
	Chrysene	70	BRL	0.74	BRL	BRL	BRL	BRL	BRL
	Benzo(b)fluoranthene	7	BRL	1.2	BRL	BRL	BRL	BRL	BRL
	Benzo(k)fluoranthene	70	BRL	0.45	BRL	BRL	BRL	BRL	BRL
	Benzo(a)pyrene	2	BRL	1.0	BRL	BRL	BRL	BRL	BRL
	Indeno(1,2,3-cd)pyrene	7	BRL	0.48	BRL	BRL	BRL	BRL	BRL
	Benzo(g,h,i)perylene	1,000	BRL	0.45	BRL	BRL	BRL	BRL	BRL
PCBs	Aroclor 1254		BRL	BRL	BRL	BRL	NT	NT	NT
	Aroclor 1260		BRL	BRL	0.18	BRL	NT	NT	NT
	Total Polychlorinated Biphenyl	1	BRL	BRL	0.18	BRL	NT	NT	NT
Total Metals	Arsenic	20	13	BRL	BRL	7.3	NT	NT	NT
	Barium	1,000	NT	NT	NT	NT	NT	NT	NT
	Cadmium	70	BRL	BRL	BRL	BRL	NT	NT	NT
	Chromium (total)	100	BRL	BRL	BRL	BRL	NT	NT	NT
	Copper	1,000	BRL	BRL	BRL	BRL	NT	NT	NT
	Lead	200	BRL	BRL	14	16	NT	NT	NT
	Mercury	20	BRL	BRL	0.18	BRL	NT	NT	NT
	Nickel	600	11	BRL	BRL	11	NT	NT	NT
	Selenium	400	BRL	BRL	BRL	BRL	NT	NT	NT
	Zinc	1,000	BRL	BRL	BRL	65	NT	NT	NT

Notes BRL = Below laboratory Reporting Limit  
 NT = Not Tested (for that parameter)  
 Blue highlighted text = Exceeds current RCS-1

TABLE 1

## SOIL QUALITY DATA (MG/KG)

RTN 3-13302

Test	Parameter	(current) RCS-1 Reportable Concentrations	OS-1 1-4" 8/6/15	OS-2 ¾-3½" 8/6/15	OS-3 1-4" 8/6/15	OS-4 1-4" 8/6/15	H6-1 0-4" 8/6/15	H6-2 0-4" 8/6/15	H6-3 0-4" 8/6/15	H6-4 0-4" 8/6/15
EPH	C <sub>9</sub> -C <sub>18</sub> Aliphatics	1,000	NT	NT	NT	NT	NT	NT	NT	NT
	C <sub>19</sub> -C <sub>36</sub> Aliphatics	3,000	NT	NT	NT	NT	NT	NT	NT	NT
	C <sub>11</sub> -C <sub>22</sub> Aromatics	1,000	NT	NT	NT	NT	NT	NT	NT	NT
PAHs	Phenanthrene	10	NT	NT	NT	NT	NT	NT	NT	NT
	Fluoranthene	1,000	NT	NT	NT	NT	NT	NT	NT	NT
	Pyrene	1,000	NT	NT	NT	NT	NT	NT	NT	NT
	Benzo(a)anthracene	7	NT	NT	NT	NT	NT	NT	NT	NT
	Chrysene	70	NT	NT	NT	NT	NT	NT	NT	NT
	Benzo(b)fluoranthene	7	NT	NT	NT	NT	NT	NT	NT	NT
	Benzo(k)fluoranthene	70	NT	NT	NT	NT	NT	NT	NT	NT
	Benzo(a)pyrene	2	NT	NT	NT	NT	NT	NT	NT	NT
	Indeno(1,2,3-cd)pyrene	7	NT	NT	NT	NT	NT	NT	NT	NT
	Benzo(g,h,i)perylene	1,000	NT	NT	NT	NT	NT	NT	NT	NT
PCBs	Aroclor 1254		<i>BRL&lt;0.0213</i>	<i>BRL&lt;0.0213</i>	<i>BRL&lt;0.0202</i>	<i>BRL&lt;0.0202</i>	<i>BRL&lt;0.0197</i>	<i>BRL&lt;0.0232</i>	<i>BRL&lt;0.0202</i>	<i>BRL&lt;0.0240</i>
	Aroclor 1260		0.220	0.0255	0.0335	0.0263	0.110	0.153	0.0364	0.217
	Total Polychlorinated Biphenyl	1	0.220	0.0255	0.0335	0.0263	0.110	0.153	0.0364	0.217
Total Metals	Arsenic	20	NT	NT	NT	NT	NT	NT	NT	NT
	Barium	1,000	NT	NT	NT	NT	NT	NT	NT	NT
	Cadmium	70	NT	NT	NT	NT	NT	NT	NT	NT
	Chromium (total)	100	NT	NT	NT	NT	NT	NT	NT	NT
	Copper	1,000	NT	NT	NT	NT	NT	NT	NT	NT
	Lead	200	NT	NT	NT	NT	NT	NT	NT	NT
	Mercury	20	NT	NT	NT	NT	NT	NT	NT	NT
	Nickel	600	NT	NT	NT	NT	NT	NT	NT	NT
	Selenium	400	NT	NT	NT	NT	NT	NT	NT	NT
	Zinc	1,000	NT	NT	NT	NT	NT	NT	NT	NT

Notes *BRL = Below laboratory Reporting Limit*  
 NT = Not Tested (for that parameter)  
 Blue highlighted text = Exceeds current RCS-1



# CMG ENVIRONMENTAL, INC.

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August 3, 2015

Mr. Anthony J. DeLuca, Manager  
Twenty Wayland, LLC  
10 Memorial Drive, Suite 901  
Providence RI, 02903

**Re: Notice of Soil Sampling  
Wayland Town Center "Municipal Parcel"  
440 Boston Post Road, Wayland MA  
CMG ID 2014-055**

Dear Mr. DeLuca:

The Town of Wayland Board of Selectmen has retained CMG Environmental, Inc. (CMG) to conduct environmental investigation of the "Municipal Parcel" portion of the Wayland Town Center development in Wayland, Massachusetts. Publicly-available information indicates that Twenty Wayland, LLC is the current owner of this property and you are the Resident Agent and a Manager of this entity.

In accordance with environmental regulations published by the Massachusetts Department of Environmental Protection (DEP) at 310 CMR 40.1403(10)(a)2, CMG is hereby notifying you of our intent to collect shallow soil samples for laboratory analysis of polychlorinated biphenyls (PCBs). The purpose of this testing is to confirm or refute the results of soil sampling conducted at this location by Haley & Aldrich, Inc. in October 2000 on behalf of former property owner Wayland Business Center LLC. We have attached a copy of form BWSC 123 (Notice of Environmental Sampling) as required by DEP regulations. There is no cost to you for this testing, and CMG will provide a hardcopy of the results for your records.

Sincerely,  
CMG ENVIRONMENTAL, INC.



Benson R. Gould, LSP, LEP  
Principal

cc: Wayland Board of Selectmen

2014-055\Soil Sampling Notice.doc

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67 HALL ROAD  
STURBRIDGE, MA 01566  
PHONE (774) 241-0901  
FAX (774) 241-0906

560 SOUTH MAIN STREET  
NEW BRITAIN, CT 06051  
PHONE (866) 304-7625  
FAX (860) 223-5454



**Massachusetts Department of Environmental Protection**  
*Bureau of Waste Site Cleanup*

**BWSC123**

This Notice is Related to:  
Release Tracking Number

**NOTICE OF ENVIRONMENTAL SAMPLING**

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

3 - 13302

**A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):**

1. Street Address: 420 Boston Post Road  
City/Town: Wayland MA Zip Code: 017780000

**B. This notice is being provided to the following party:**

1. Name: Twenty Wayland, LLC  
2. Street Address: 10 Memorial Boulevard, Suite 901  
City/Town: Providence RI Zip Code: 029030000

**C. This notice is being given to inform its recipient (the party listed in Section B):**

- ☒ 1. That environmental sampling will be/has been conducted at property owned by the recipient of this notice.
- ☐ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.
- ☐ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

**D. Location of the property where the environmental sampling will be/has been conducted:**

1. Street Address: 440 Boston Post Road ("Municipal Parcel")  
City/Town: Wayland MA Zip Code: 017781824
2. MCP phase of work during which the sampling will be/has been conducted:
- |   |   |
|---|---|
| <input type="checkbox"/> Immediate Response Action              | <input type="checkbox"/> Phase III Feasibility Evaluation   |
| <input type="checkbox"/> Release Abatement Measure              | <input type="checkbox"/> Phase IV Remedy Implementation Plan                                      |
| <input type="checkbox"/> Utility-related Abatement Measure      | <input type="checkbox"/> Phase V/Remedy Operation Status  |
| <input type="checkbox"/> Phase I Initial Site Investigation     | <input checked="" type="checkbox"/> Post-Temporary Solution Operation, Maintenance and Monitoring |
| <input type="checkbox"/> Phase II Comprehensive Site Assessment | <input type="checkbox"/> Other _____  |
- (specify)
3. Description of property where sampling will be/has been conducted:
- ☐ residential ☒ commercial ☐ industrial ☐ school/playground ☐ Other \_\_\_\_\_
- (specify)
4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

\* Shallow soil samples for PCB testing at the "Municipal Parcel" portion of the Wayland Town Center development.

**E. Contact information related to the party providing this notice:**

Contact Name: CMG Environmental, Inc.  
Street Address: 67 Hall Road  
City/Town: Sturbridge MA Zip Code: 015661472  
Telephone: (774) 241-0901 Email: BGould@CMGenv.com



**Massachusetts Department of Environmental Protection**  
*Bureau of Waste Site Cleanup*

**BWSC123**

This Notice is Related to:  
Release Tracking Number

3 - 13302

**NOTICE OF ENVIRONMENTAL SAMPLING**

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

**MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE**

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

**THE PERSON(S) PROVIDING THIS NOTICE**

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

**PURPOSE OF THIS NOTICE**

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

**Section C** on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

**Section D** on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

**FOR MORE INFORMATION**

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at <http://www.mass.gov/eea/agencies/massdep/cleanup>. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See <http://public.dep.state.ma.us/SearchableSites2/Search.aspx> to view site-specific files on-line or <http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html> if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.

# CMG ENVIRONMENTAL, INC.

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August 17, 2015

Mr. Anthony J. DeLuca, Manager  
Twenty Wayland, LLC  
10 Memorial Drive, Suite 901  
Providence RI, 02903

**Re: Notice of Soil Sampling  
Wayland Town Center "Municipal Parcel"  
440 Boston Post Road, Wayland MA  
CMG ID 2014-055**

Dear Mr. DeLuca:

CMG Environmental, Inc. (CMG) recently (August 3, 2015) notified you of soil sampling planned for the "Municipal Parcel" portion of the Wayland Town Center development in Wayland, Massachusetts. We conducted this sampling on August 6, 2015. Laboratory analysis identified trace to low concentrations of the polychlorinated biphenyl (PCB) mixture Aroclor 1260 in each of the eight soil samples tested, ranging from 0.0255 to 0.220 mg/Kg. None of the soil samples exceed the applicable RCS-1 reportable concentration for PCBs of 1 mg/Kg (1,000 µg/Kg).

CMG has attached copies of the analytical laboratory testing results to this letter, along with a form BWSC 123 (Notice of Environmental Sampling) as required by Massachusetts Department of Environmental Protection (DEP) regulations. Please contact CMG at 774-241-0901 if you have questions regarding this information in this letter or if we can otherwise be of assistance to you.

Sincerely,  
CMG ENVIRONMENTAL, INC.



Benson R. Gould, LSP, LEP  
Principal

cc: Wayland Board of Selectmen

Attachment: Spectrum Data Package SC10984

2014-055\Soil Sampling Notice.doc

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67 HALL ROAD  
STURBRIDGE, MA 01566  
PHONE (774) 241-0901  
FAX (774) 241-0906

560 SOUTH MAIN STREET  
NEW BRITAIN, CT 06051  
PHONE (866) 304-7625  
FAX (860) 223-5454



**Massachusetts Department of Environmental Protection**  
*Bureau of Waste Site Cleanup*

**BWSC123**

This Notice is Related to:  
Release Tracking Number

**NOTICE OF ENVIRONMENTAL SAMPLING**

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

3 - 13302

**A. The address of the disposal site related to this Notice and Release Tracking Number (provided above):**

1. Street Address: 420 Boston Post Road  
City/Town: Wayland MA Zip Code: 017780000

**B. This notice is being provided to the following party:**

1. Name: Twenty Wayland, LLC  
2. Street Address: 10 Memorial Boulevard, Suite 901  
City/Town: Providence RI Zip Code: 029030000

**C. This notice is being given to inform its recipient (the party listed in Section B):**

- ☒ 1. That environmental sampling will be/has been conducted at property owned by the recipient of this notice.
- ☒ 2. Of the results of environmental sampling conducted at property owned by the recipient of this notice.
- ☒ 3. Check to indicate if the analytical results are attached. (If item 2. above is checked, the analytical results from the environmental sampling must be attached to this notice.)

**D. Location of the property where the environmental sampling will be/has been conducted:**

1. Street Address: 440 Boston Post Road ("Municipal Parcel")  
City/Town: Wayland MA Zip Code: 017781824
2. MCP phase of work during which the sampling will be/has been conducted:
- |   |   |
|---|---|
| <input type="checkbox"/> Immediate Response Action              | <input type="checkbox"/> Phase III Feasibility Evaluation   |
| <input type="checkbox"/> Release Abatement Measure              | <input type="checkbox"/> Phase IV Remedy Implementation Plan                                      |
| <input type="checkbox"/> Utility-related Abatement Measure      | <input type="checkbox"/> Phase V/Remedy Operation Status  |
| <input type="checkbox"/> Phase I Initial Site Investigation     | <input checked="" type="checkbox"/> Post-Temporary Solution Operation, Maintenance and Monitoring |
| <input type="checkbox"/> Phase II Comprehensive Site Assessment | <input type="checkbox"/> Other _____  |
- (specify)
3. Description of property where sampling will be/has been conducted:
- ☐ residential ☒ commercial ☐ industrial ☐ school/playground ☐ Other \_\_\_\_\_
- (specify)
4. Description of the sampling locations and types (e.g., soil, groundwater, indoor air, soil gas) to the extent known at the time of this notice.

\* Shallow soil samples for PCB testing at the "Municipal Parcel" portion of the Wayland Town Center development.

**E. Contact information related to the party providing this notice:**

Contact Name: CMG Environmental, Inc.  
Street Address: 67 Hall Road  
City/Town: Sturbridge MA Zip Code: 015661472  
Telephone: (774) 241-0901 Email: BGould@CMGenv.com



**Massachusetts Department of Environmental Protection**  
*Bureau of Waste Site Cleanup*

**BWSC123**

This Notice is Related to:  
Release Tracking Number

3 - 13302

**NOTICE OF ENVIRONMENTAL SAMPLING**

As required by 310 CMR 40.1403(10) of the Massachusetts Contingency Plan

**MASSACHUSETTS REGULATIONS THAT REQUIRE THIS NOTICE**

This notice is being provided pursuant to the Massachusetts Contingency Plan and the notification requirement at 310 CMR 40.1403(10). The Massachusetts Contingency Plan is a state regulation that specifies requirements for parties who are taking actions to address releases of chemicals (oil or hazardous material) to the environment.

**THE PERSON(S) PROVIDING THIS NOTICE**

This notice has been sent to you by the party who is addressing a release of oil or hazardous material to the environment at the location listed in **Section A** on the reverse side of this form. (The regulations refer to the area where the oil or hazardous material is present as the "disposal site".)

**PURPOSE OF THIS NOTICE**

When environmental samples are taken as part of an investigation of a release for which a notification to MassDEP has been made under the Massachusetts Contingency Plan (310 CMR 40.0300) on behalf of someone other than the owner of the property, the regulations require that the property owner (listed in **Section B** on the reverse side of this form) be given notice of the environmental sampling. The regulations also require that the property owner subsequently receive the analytical results following the analysis of the environmental samples.

**Section C** on the reverse side of this form indicates the circumstance under which you are receiving this notice at this time. If you are receiving this notice to inform you of the analytical results following the analysis of the environmental samples, you should also have received, as an attachment, a copy of analytical results. These results should indicate the number and type(s) of samples (e.g., soil, groundwater) analyzed, any chemicals identified, and the measured concentrations of those chemicals.

**Section D** on the reverse side of this form identifies the property where the environmental sampling will be/has been conducted, provides a description of the sampling locations within the property, and indicates the phase of work under the Massachusetts Contingency Plan regulatory process during which the samples will be/were collected.

**FOR MORE INFORMATION**

Information about the general process for addressing releases of oil or hazardous material under the Massachusetts Contingency Plan and related public involvement opportunities may be found at <http://www.mass.gov/eea/agencies/massdep/cleanup>. For more information regarding this notice, you may contact the party listed in **Section E** on the reverse side of this form. Information about the disposal site identified in Section A is also available in files at the Massachusetts Department of Environmental Protection. See <http://public.dep.state.ma.us/SearchableSites2/Search.aspx> to view site-specific files on-line or <http://mass.gov/eea/agencies/massdep/about/contacts/conduct-a-file-review.html> if you would like to make an appointment to see these files in person. Please reference the **Release Tracking Number** listed in the upper right hand corner on the reverse side of this form when making file review appointments.



Report Date:  
13-Aug-15 16:57



SPECTRUM ANALYTICAL, INC.

## Laboratory Report

CMG Environmental, Inc.  
67 Hall Road  
Sturbridge, MA 01566  
Attn: Ben Gould

Project: WTC MP-Wayland, MA  
Project #: 2014-055

- ☒ Final Report  
☐ Re-Issued Report  
☐ Revised Report

<u>Laboratory ID</u>	<u>Client Sample ID</u>	<u>Matrix</u>	<u>Date Sampled</u>	<u>Date Received</u>
SC10984-01	OS-1	Soil	06-Aug-15 15:02	07-Aug-15 16:10
SC10984-02	OS-2	Soil	06-Aug-15 15:14	07-Aug-15 16:10
SC10984-03	OS-3	Soil	06-Aug-15 15:21	07-Aug-15 16:10
SC10984-04	OS-4	Soil	06-Aug-15 15:29	07-Aug-15 16:10
SC10984-05	H6-1	Soil	06-Aug-15 16:26	07-Aug-15 16:10
SC10984-06	H6-2	Soil	06-Aug-15 16:35	07-Aug-15 16:10
SC10984-07	H6-3	Soil	06-Aug-15 16:41	07-Aug-15 16:10
SC10984-08	H6-4	Soil	06-Aug-15 16:54	07-Aug-15 16:10

I attest that the information contained within the report has been reviewed for accuracy and checked against the quality control requirements for each method. These results relate only to the sample(s) as received.  
All applicable NELAC requirements have been met.

Massachusetts # M-MA138/MA1110  
Connecticut # PH-0777  
Florida # E87936  
Maine # MA138  
New Hampshire # 2538  
New Jersey # MA011  
New York # 11393  
Pennsylvania # 68-04426/68-02924  
Rhode Island # LAO00098  
USDA # S-51435



Authorized by:

Nicole Leja  
Laboratory Director

Spectrum Analytical holds certification in the State of Massachusetts for the analytes as indicated with an X in the "Cert." column within this report. Please note that the State of Massachusetts does not offer certification for all analytes. Please refer to our website for specific certification holdings in each state.


Please note that this report contains 16 pages of analytical data plus Chain of Custody document(s). When the Laboratory Report is indicated as revised, this report supersedes any previously dated reports for the laboratory ID(s) referenced above. Where this report identifies subcontracted analyses, copies of the subcontractor's test report are available upon request. This report may not be reproduced, except in full, without written approval from Spectrum Analytical, Inc.

*Spectrum Analytical, Inc. is a NELAC accredited laboratory organization and meets NELAC testing standards. Use of the NELAC logo however does not insure that Spectrum is currently accredited for the specific method or analyte indicated. Please refer to our Quality web page at [www.spectrum-analytical.com](http://www.spectrum-analytical.com) for a full listing of our current certifications and fields of accreditation. States in which Spectrum Analytical, Inc. holds NELAC certification are New York, New Hampshire, New Jersey, Pennsylvania and Florida. All analytical work for Volatile Organic and Air analysis are transferred to and conducted at our 830 Silver Street location (PA-68-04426).*

*Please contact the Laboratory or Technical Director at 800-789-9115 with any questions regarding the data contained in this laboratory report.*



## MassDEP Analytical Protocol Certification Form

<b>Laboratory Name:</b> Spectrum Analytical, Inc.			<b>Project #:</b> 2014-055		
<b>Project Location:</b> WTC MP-Wayland, MA			<b>RTN:</b>		
<b>This form provides certifications for the following data set:</b>			SC10984-01 through SC10984-08		
<b>Matrices:</b> Soil					
<b>CAM Protocol</b>					
8260 VOC CAM II A	7470/7471 Hg CAM III B	MassDEP VPH CAM IV A	8081 Pesticides CAM V B	7196 Hex Cr CAM VI B	MassDEP APH CAM IX A
8270 SVOC CAM II B	7010 Metals CAM III C	MassDEP EPH CAM IV B	8151 Herbicides CAM V C	8330 Explosives CAM VIII A	TO-15 VOC CAM IX B
6010 Metals CAM III A	6020 Metals CAM III D	✓ 8082 PCB CAM V A	9012 Total Cyanide/PAC CAM VI A	9014 Total Cyanide/PAC CAM VI A	6860 Perchlorate CAM VIII B
<i>Affirmative responses to questions A through F are required for Presumptive Certainty's status</i>					
<b>A</b>	Were all samples received in a condition consistent with those described on the Chain of Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?				✓ Yes    No
<b>B</b>	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?				✓ Yes    No
<b>C</b>	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?				✓ Yes    No
<b>D</b>	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data"?				✓ Yes    No
<b>E</b>	a. VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? b. APH and TO-15 Methods only: Was the complete analyte list reported for each method?				Yes    No Yes    No
<b>F</b>	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to questions A through E)?				✓ Yes    No
<i>Responses to questions G, H and I below are required for Presumptive Certainty's status</i>					
<b>G</b>	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?				✓ Yes    No
<b>Data User Note:</b> Data that achieve Presumptive Certainty's status may not necessarily meet the data usability and representativeness requirements described in 310 CMR 40.1056 (2)(k) and WSC-07-350.					
<b>H</b>	Were all QC performance standards specified in the CAM protocol(s) achieved?				Yes    ✓    No
<b>I</b>	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?				✓ Yes    No
<i>All negative responses are addressed in a case narrative on the cover page of this report.</i>					
<p><i>I, the undersigned, attest under the pains and penalties of perjury that, based upon my personal inquiry of those responsible for obtaining the information, the material contained in this analytical report is, to the best of my knowledge and belief, accurate and complete.</i></p> <div style="text-align: right; margin-top: 20px;">   Nicole Leja  Laboratory Director  Date: 8/13/2015 </div>					

## CASE NARRATIVE:

Data has been reported to the RDL. This report excludes estimated concentrations detected below the RDL and above the MDL (J-Flag).

All non-detects and all results below the reporting limit are reported as "<" (less than) the reporting limit in this report.

The samples were received 4.9 degrees Celsius, please refer to the Chain of Custody for details specific to temperature upon receipt. An infrared thermometer with a tolerance of +/- 1.0 degrees Celsius was used immediately upon receipt of the samples.

If a Matrix Spike (MS), Matrix Spike Duplicate (MSD) or Duplicate (DUP) was not requested on the Chain of Custody, method criteria may have been fulfilled with a source sample not of this Sample Delivery Group.

MADEP has published a list of analytical methods (CAM) which provides a series of recommended protocols for the acquisition, analysis and reporting of analytical data in support of MCP decisions. "Presumptive Certainty" can be established only for those methods published by the MADEP in the MCP CAM. The compounds and/or elements reported were specifically requested by the client on the Chain of Custody and in some cases may not include the full analyte list as defined in the method. Regulatory limits may not be achieved if specific method and/or technique was not requested on the Chain of Custody.

According to WSC-CAM 5/2009 Rev.1, Table 11 A-1, recovery for some VOC analytes have been deemed potentially difficult. Although they may still be within the recommended recovery range, a range has been set based on historical control limits.

Some target analytes which are not listed as exceptions in the Summary of CAM Reporting Limits may exceed the recommended RL based on sample initial volume or weight provided, % moisture content, or responsiveness of a particular analyte to purge and trap instrumentation.

**See below for any non-conformances and issues relating to quality control samples and/or sample analysis/matrix.**

### SW846 8082A

#### **Samples:**

SC10984-05                      H6-1

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The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.

4,4-DB-Octafluorobiphenyl (Sr) [2C]

## Sample Acceptance Check Form

Client: CMG Environmental, Inc.  
Project: WTC MP-Wayland, MA / 2014-055  
Work Order: SC10984  
Sample(s) received on: 8/7/2015

*The following outlines the condition of samples for the attached Chain of Custody upon receipt.*

	<u>Yes</u>	<u>No</u>	<u>N/A</u>
Were custody seals present?	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Were custody seals intact?	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Were samples received at a temperature of $\leq 6^{\circ}\text{C}$ ?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Were samples refrigerated upon transfer to laboratory representative?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Were sample containers received intact?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Were samples properly labeled (labels affixed to sample containers and include sample ID, site location, and/or project number and the collection date)?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Were samples accompanied by a Chain of Custody document?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Does Chain of Custody document include proper, full, and complete documentation, which shall include sample ID, site location, and/or project number, date and time of collection, collector's name, preservation type, sample matrix and any special remarks concerning the sample?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Did sample container labels agree with Chain of Custody document?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Were samples received within method-specific holding times?	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

## Summary of Hits

**Lab ID:** SC10984-01

**Client ID:** OS-1

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aroclor-1260 [2C]	220		21.3	µg/kg	SW846 8082A

**Lab ID:** SC10984-02

**Client ID:** OS-2

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aroclor-1260 [2C]	25.5		21.3	µg/kg	SW846 8082A

**Lab ID:** SC10984-03

**Client ID:** OS-3

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aroclor-1260 [2C]	33.5		20.2	µg/kg	SW846 8082A

**Lab ID:** SC10984-04

**Client ID:** OS-4

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aroclor-1260 [2C]	26.3		20.2	µg/kg	SW846 8082A

**Lab ID:** SC10984-05

**Client ID:** H6-1

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aroclor-1260 [2C]	110		19.7	µg/kg	SW846 8082A

**Lab ID:** SC10984-06

**Client ID:** H6-2

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aroclor-1260 [2C]	153		23.2	µg/kg	SW846 8082A

**Lab ID:** SC10984-07

**Client ID:** H6-3

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aroclor-1260 [2C]	36.4		20.2	µg/kg	SW846 8082A

**Lab ID:** SC10984-08

**Client ID:** H6-4

Parameter	Result	Flag	Reporting Limit	Units	Analytical Method
Aroclor-1260 [2C]	217		24.0	µg/kg	SW846 8082A

*Please note that because there are no reporting limits associated with hazardous waste characterizations or micro analyses, this summary does not include hits from these analyses if included in this work order.*

Sample Identification

OS-1

SC10984-01

Client Project #

2014-055

Matrix

Soil

Collection Date/Time

06-Aug-15 15:02

Received

07-Aug-15

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Analyst</i>	<i>Batch</i>	<i>Cert.</i>
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**Semivolatile Organic Compounds by GC**Polychlorinated BiphenylsPrepared by method SW846 3540C

12674-11-2	Aroclor-1016	< 21.3		µg/kg dry	21.3	19.2	1	SW846 8082A	12-Aug-15	13-Aug-15	IMR	1515492	
11104-28-2	Aroclor-1221	< 21.3		µg/kg dry	21.3	16.3	1	"	"	"	"	"	
11141-16-5	Aroclor-1232	< 21.3		µg/kg dry	21.3	19.1	1	"	"	"	"	"	
53469-21-9	Aroclor-1242	< 21.3		µg/kg dry	21.3	13.2	1	"	"	"	"	"	
12672-29-6	Aroclor-1248	< 21.3		µg/kg dry	21.3	13.4	1	"	"	"	"	"	
11097-69-1	Aroclor-1254	< 21.3		µg/kg dry	21.3	14.7	1	"	"	"	"	"	
11096-82-5	Aroclor-1260 [2C]	220		µg/kg dry	21.3	13.3	1	"	"	"	"	"	
37324-23-5	Aroclor-1262	< 21.3		µg/kg dry	21.3	19.1	1	"	"	"	"	"	
11100-14-4	Aroclor-1268	< 21.3		µg/kg dry	21.3	20.9	1	"	"	"	"	"	

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	85			30-150 %			"	"	"	"	"	
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr) [2C]	95			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	85			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr) [2C]	115			30-150 %			"	"	"	"	"	

**General Chemistry Parameters**

% Solids	92.5			%			1	SM2540 G Mod.	10-Aug-15	10-Aug-15	DT	1515382	
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*This laboratory report is not valid without an authorized signature on the cover page.*

Sample Identification

OS-2

SC10984-02

Client Project #

2014-055

Matrix

Soil

Collection Date/Time

06-Aug-15 15:14

Received

07-Aug-15

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Analyst</i>	<i>Batch</i>	<i>Cert.</i>
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**Semivolatile Organic Compounds by GC**Polychlorinated BiphenylsPrepared by method SW846 3540C

12674-11-2	Aroclor-1016	< 21.3		µg/kg dry	21.3	19.2	1	SW846 8082A	12-Aug-15	13-Aug-15	IMR	1515492	
11104-28-2	Aroclor-1221	< 21.3		µg/kg dry	21.3	16.3	1	"	"	"	"	"	
11141-16-5	Aroclor-1232	< 21.3		µg/kg dry	21.3	19.1	1	"	"	"	"	"	
53469-21-9	Aroclor-1242	< 21.3		µg/kg dry	21.3	13.2	1	"	"	"	"	"	
12672-29-6	Aroclor-1248	< 21.3		µg/kg dry	21.3	13.3	1	"	"	"	"	"	
11097-69-1	Aroclor-1254	< 21.3		µg/kg dry	21.3	14.7	1	"	"	"	"	"	
11096-82-5	Aroclor-1260 [2C]	25.5		µg/kg dry	21.3	13.3	1	"	"	"	"	"	
37324-23-5	Aroclor-1262	< 21.3		µg/kg dry	21.3	19.1	1	"	"	"	"	"	
11100-14-4	Aroclor-1268	< 21.3		µg/kg dry	21.3	20.9	1	"	"	"	"	"	

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	80			30-150 %			"	"	"	"	"	
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr) [2C]	90			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	85			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr) [2C]	110			30-150 %			"	"	"	"	"	

**General Chemistry Parameters**

% Solids	91.5			%			1	SM2540 G Mod.	10-Aug-15	10-Aug-15	DT	1515382	
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*This laboratory report is not valid without an authorized signature on the cover page.*

Sample Identification

OS-3

SC10984-03

Client Project #

2014-055

Matrix

Soil

Collection Date/Time

06-Aug-15 15:21

Received

07-Aug-15

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Analyst</i>	<i>Batch</i>	<i>Cert.</i>
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**Semivolatile Organic Compounds by GC**Polychlorinated BiphenylsPrepared by method SW846 3540C

12674-11-2	Aroclor-1016	< 20.2		µg/kg dry	20.2	18.2	1	SW846 8082A	12-Aug-15	13-Aug-15	IMR	1515492	
11104-28-2	Aroclor-1221	< 20.2		µg/kg dry	20.2	15.5	1	"	"	"	"	"	
11141-16-5	Aroclor-1232	< 20.2		µg/kg dry	20.2	18.1	1	"	"	"	"	"	
53469-21-9	Aroclor-1242	< 20.2		µg/kg dry	20.2	12.5	1	"	"	"	"	"	
12672-29-6	Aroclor-1248	< 20.2		µg/kg dry	20.2	12.7	1	"	"	"	"	"	
11097-69-1	Aroclor-1254	< 20.2		µg/kg dry	20.2	13.9	1	"	"	"	"	"	
11096-82-5	Aroclor-1260 [2C]	33.5		µg/kg dry	20.2	12.6	1	"	"	"	"	"	
37324-23-5	Aroclor-1262	< 20.2		µg/kg dry	20.2	18.1	1	"	"	"	"	"	
11100-14-4	Aroclor-1268	< 20.2		µg/kg dry	20.2	19.8	1	"	"	"	"	"	

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	90			30-150 %			"	"	"	"	"	
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr) [2C]	90			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	95			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr) [2C]	110			30-150 %			"	"	"	"	"	

**General Chemistry Parameters**

% Solids	97.1			%			1	SM2540 G Mod.	10-Aug-15	10-Aug-15	DT	1515382	
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*This laboratory report is not valid without an authorized signature on the cover page.*



Sample Identification

OS-4

SC10984-04

Client Project #

2014-055

Matrix

Soil

Collection Date/Time

06-Aug-15 15:29

Received

07-Aug-15

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Analyst</i>	<i>Batch</i>	<i>Cert.</i>
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**Semivolatile Organic Compounds by GC**Polychlorinated BiphenylsPrepared by method SW846 3540C

12674-11-2	Aroclor-1016	< 20.2		µg/kg dry	20.2	18.2	1	SW846 8082A	12-Aug-15	13-Aug-15	IMR	1515492	
11104-28-2	Aroclor-1221	< 20.2		µg/kg dry	20.2	15.5	1	"	"	"	"	"	
11141-16-5	Aroclor-1232	< 20.2		µg/kg dry	20.2	18.2	1	"	"	"	"	"	
53469-21-9	Aroclor-1242	< 20.2		µg/kg dry	20.2	12.5	1	"	"	"	"	"	
12672-29-6	Aroclor-1248	< 20.2		µg/kg dry	20.2	12.7	1	"	"	"	"	"	
11097-69-1	Aroclor-1254	< 20.2		µg/kg dry	20.2	13.9	1	"	"	"	"	"	
11096-82-5	Aroclor-1260 [2C]	26.3		µg/kg dry	20.2	12.6	1	"	"	"	"	"	
37324-23-5	Aroclor-1262	< 20.2		µg/kg dry	20.2	18.1	1	"	"	"	"	"	
11100-14-4	Aroclor-1268	< 20.2		µg/kg dry	20.2	19.9	1	"	"	"	"	"	

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	85			30-150 %			"	"	"	"	"	
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr) [2C]	90			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	95			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr) [2C]	100			30-150 %			"	"	"	"	"	

**General Chemistry Parameters**

% Solids	96.5			%			1	SM2540 G Mod.	10-Aug-15	10-Aug-15	DT	1515382	
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Sample Identification**H6-1**

SC10984-05

Client Project #

2014-055

Matrix

Soil

Collection Date/Time

06-Aug-15 16:26

Received

07-Aug-15

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Analyst</i>	<i>Batch</i>	<i>Cert.</i>
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**Semivolatile Organic Compounds by GC**Polychlorinated BiphenylsPrepared by method SW846 3540C

12674-11-2	Aroclor-1016	< 19.7		µg/kg dry	19.7	17.7	1	SW846 8082A	12-Aug-15	13-Aug-15	IMR	1515492	
11104-28-2	Aroclor-1221	< 19.7		µg/kg dry	19.7	15.1	1	"	"	"	"	"	
11141-16-5	Aroclor-1232	< 19.7		µg/kg dry	19.7	17.7	1	"	"	"	"	"	
53469-21-9	Aroclor-1242	< 19.7		µg/kg dry	19.7	12.2	1	"	"	"	"	"	
12672-29-6	Aroclor-1248	< 19.7		µg/kg dry	19.7	12.3	1	"	"	"	"	"	
11097-69-1	Aroclor-1254	< 19.7		µg/kg dry	19.7	13.5	1	"	"	"	"	"	
11096-82-5	Aroclor-1260 [2C]	110		µg/kg dry	19.7	12.3	1	"	"	"	"	"	
37324-23-5	Aroclor-1262	< 19.7		µg/kg dry	19.7	17.6	1	"	"	"	"	"	
11100-14-4	Aroclor-1268	< 19.7		µg/kg dry	19.7	19.3	1	"	"	"	"	"	

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	45			30-150 %			"	"	"	"	"	
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr) [2C]	180	S02		30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	90			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr) [2C]	105			30-150 %			"	"	"	"	"	

**General Chemistry Parameters**

% Solids	96.3			%			1	SM2540 G Mod.	10-Aug-15	10-Aug-15	DT	1515382	
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Sample Identification**H6-2**

SC10984-06

Client Project #

2014-055

Matrix

Soil

Collection Date/Time

06-Aug-15 16:35

Received

07-Aug-15

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Analyst</i>	<i>Batch</i>	<i>Cert.</i>
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**Semivolatile Organic Compounds by GC**Polychlorinated BiphenylsPrepared by method SW846 3540C

12674-11-2	Aroclor-1016	< 23.2		µg/kg dry	23.2	20.9	1	SW846 8082A	12-Aug-15	13-Aug-15	IMR	1515492	
11104-28-2	Aroclor-1221	< 23.2		µg/kg dry	23.2	17.8	1	"	"	"	"	"	
11141-16-5	Aroclor-1232	< 23.2		µg/kg dry	23.2	20.9	1	"	"	"	"	"	
53469-21-9	Aroclor-1242	< 23.2		µg/kg dry	23.2	14.4	1	"	"	"	"	"	
12672-29-6	Aroclor-1248	< 23.2		µg/kg dry	23.2	14.5	1	"	"	"	"	"	
11097-69-1	Aroclor-1254	< 23.2		µg/kg dry	23.2	16.0	1	"	"	"	"	"	
11096-82-5	Aroclor-1260 [2C]	153		µg/kg dry	23.2	14.5	1	"	"	"	"	"	
37324-23-5	Aroclor-1262	< 23.2		µg/kg dry	23.2	20.8	1	"	"	"	"	"	
11100-14-4	Aroclor-1268	< 23.2		µg/kg dry	23.2	22.8	1	"	"	"	"	"	

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	75			30-150 %			"	"	"	"	"	
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr) [2C]	145			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	100			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr) [2C]	95			30-150 %			"	"	"	"	"	

**General Chemistry Parameters**

% Solids	82.9			%			1	SM2540 G Mod.	10-Aug-15	10-Aug-15	DT	1515383	
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Sample Identification**H6-3**

SC10984-07

Client Project #

2014-055

Matrix

Soil

Collection Date/Time

06-Aug-15 16:41

Received

07-Aug-15

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Analyst</i>	<i>Batch</i>	<i>Cert.</i>
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**Semivolatile Organic Compounds by GC**Polychlorinated BiphenylsPrepared by method SW846 3540C

12674-11-2	Aroclor-1016	< 20.2		µg/kg dry	20.2	18.3	1	SW846 8082A	12-Aug-15	13-Aug-15	IMR	1515492	
11104-28-2	Aroclor-1221	< 20.2		µg/kg dry	20.2	15.5	1	"	"	"	"	"	
11141-16-5	Aroclor-1232	< 20.2		µg/kg dry	20.2	18.2	1	"	"	"	"	"	
53469-21-9	Aroclor-1242	< 20.2		µg/kg dry	20.2	12.6	1	"	"	"	"	"	
12672-29-6	Aroclor-1248	< 20.2		µg/kg dry	20.2	12.7	1	"	"	"	"	"	
11097-69-1	Aroclor-1254	< 20.2		µg/kg dry	20.2	13.9	1	"	"	"	"	"	
11096-82-5	Aroclor-1260 [2C]	36.4		µg/kg dry	20.2	12.7	1	"	"	"	"	"	
37324-23-5	Aroclor-1262	< 20.2		µg/kg dry	20.2	18.1	1	"	"	"	"	"	
11100-14-4	Aroclor-1268	< 20.2		µg/kg dry	20.2	19.9	1	"	"	"	"	"	

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	85			30-150 %			"	"	"	"	"	
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr) [2C]	95			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	95			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr) [2C]	120			30-150 %			"	"	"	"	"	

**General Chemistry Parameters**

% Solids	95.5			%			1	SM2540 G Mod.	10-Aug-15	10-Aug-15	DT	1515383	
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Sample Identification**H6-4**

SC10984-08

Client Project #

2014-055

Matrix

Soil

Collection Date/Time

06-Aug-15 16:54

Received

07-Aug-15

<i>CAS No.</i>	<i>Analyte(s)</i>	<i>Result</i>	<i>Flag</i>	<i>Units</i>	<i>*RDL</i>	<i>MDL</i>	<i>Dilution</i>	<i>Method Ref.</i>	<i>Prepared</i>	<i>Analyzed</i>	<i>Analyst</i>	<i>Batch</i>	<i>Cert.</i>
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**Semivolatile Organic Compounds by GC**Polychlorinated BiphenylsPrepared by method SW846 3540C

12674-11-2	Aroclor-1016	< 24.0		µg/kg dry	24.0	21.6	1	SW846 8082A	12-Aug-15	13-Aug-15	IMR	1515492	
11104-28-2	Aroclor-1221	< 24.0		µg/kg dry	24.0	18.3	1	"	"	"	"	"	
11141-16-5	Aroclor-1232	< 24.0		µg/kg dry	24.0	21.5	1	"	"	"	"	"	
53469-21-9	Aroclor-1242	< 24.0		µg/kg dry	24.0	14.9	1	"	"	"	"	"	
12672-29-6	Aroclor-1248	< 24.0		µg/kg dry	24.0	15.0	1	"	"	"	"	"	
11097-69-1	Aroclor-1254	< 24.0		µg/kg dry	24.0	16.5	1	"	"	"	"	"	
11096-82-5	Aroclor-1260 [2C]	217		µg/kg dry	24.0	15.0	1	"	"	"	"	"	
37324-23-5	Aroclor-1262	< 24.0		µg/kg dry	24.0	21.4	1	"	"	"	"	"	
11100-14-4	Aroclor-1268	< 24.0		µg/kg dry	24.0	23.5	1	"	"	"	"	"	

Surrogate recoveries:

10386-84-2	4,4-DB-Octafluorobiphenyl (Sr)	80			30-150 %			"	"	"	"	"	
10386-84-2	4,4-DB-Octafluorobiphenyl (Sr) [2C]	125			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr)	95			30-150 %			"	"	"	"	"	
2051-24-3	Decachlorobiphenyl (Sr) [2C]	110			30-150 %			"	"	"	"	"	

**General Chemistry Parameters**

% Solids	78.8			%			1	SM2540 G Mod.	10-Aug-15	10-Aug-15	DT	1515383	
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## Semivolatile Organic Compounds by GC - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1515492 - SW846 3540C</b>										
<b><u>Blank (1515492-BLK1)</u></b>					<u>Prepared: 12-Aug-15 Analyzed: 13-Aug-15</u>					
Aroclor-1016	< 19.5		µg/kg wet	19.5						
Aroclor-1016 [2C]	< 19.5		µg/kg wet	19.5						
Aroclor-1221	< 19.5		µg/kg wet	19.5						
Aroclor-1221 [2C]	< 19.5		µg/kg wet	19.5						
Aroclor-1232	< 19.5		µg/kg wet	19.5						
Aroclor-1232 [2C]	< 19.5		µg/kg wet	19.5						
Aroclor-1242	< 19.5		µg/kg wet	19.5						
Aroclor-1242 [2C]	< 19.5		µg/kg wet	19.5						
Aroclor-1248	< 19.5		µg/kg wet	19.5						
Aroclor-1248 [2C]	< 19.5		µg/kg wet	19.5						
Aroclor-1254	< 19.5		µg/kg wet	19.5						
Aroclor-1254 [2C]	< 19.5		µg/kg wet	19.5						
Aroclor-1260	< 19.5		µg/kg wet	19.5						
Aroclor-1260 [2C]	< 19.5		µg/kg wet	19.5						
Aroclor-1262	< 19.5		µg/kg wet	19.5						
Aroclor-1262 [2C]	< 19.5		µg/kg wet	19.5						
Aroclor-1268	< 19.5		µg/kg wet	19.5						
Aroclor-1268 [2C]	< 19.5		µg/kg wet	19.5						
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	18.6		µg/kg wet		19.5		95	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	19.5		µg/kg wet		19.5		100	30-150		
Surrogate: Decachlorobiphenyl (Sr)	24.4		µg/kg wet		19.5		125	30-150		
Surrogate: Decachlorobiphenyl (Sr) [2C]	25.4		µg/kg wet		19.5		130	30-150		
<b><u>LCS (1515492-BS1)</u></b>					<u>Prepared: 12-Aug-15 Analyzed: 13-Aug-15</u>					
Aroclor-1016	245		µg/kg wet	19.2	240		102	40-140		
Aroclor-1016 [2C]	247		µg/kg wet	19.2	240		103	40-140		
Aroclor-1260	230		µg/kg wet	19.2	240		96	40-140		
Aroclor-1260 [2C]	233		µg/kg wet	19.2	240		97	40-140		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	19.2		µg/kg wet		19.2		100	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	18.2		µg/kg wet		19.2		95	30-150		
Surrogate: Decachlorobiphenyl (Sr)	25.0		µg/kg wet		19.2		130	30-150		
Surrogate: Decachlorobiphenyl (Sr) [2C]	24.0		µg/kg wet		19.2		125	30-150		
<b><u>LCS Dup (1515492-BSD1)</u></b>					<u>Prepared: 12-Aug-15 Analyzed: 13-Aug-15</u>					
Aroclor-1016	247		µg/kg wet	19.3	241		103	40-140	0.8	30
Aroclor-1016 [2C]	249		µg/kg wet	19.3	241		104	40-140	0.8	30
Aroclor-1260	235		µg/kg wet	19.3	241		98	40-140	2	30
Aroclor-1260 [2C]	234		µg/kg wet	19.3	241		97	40-140	0	30
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr)	19.3		µg/kg wet		19.3		100	30-150		
Surrogate: 4,4-DB-Octafluorobiphenyl (Sr) [2C]	18.3		µg/kg wet		19.3		95	30-150		
Surrogate: Decachlorobiphenyl (Sr)	23.1		µg/kg wet		19.3		120	30-150		
Surrogate: Decachlorobiphenyl (Sr) [2C]	24.1		µg/kg wet		19.3		125	30-150		

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## General Chemistry Parameters - Quality Control

Analyte(s)	Result	Flag	Units	*RDL	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit
<b>Batch 1515383 - General Preparation</b>										
<u>Duplicate (1515383-DUP1)</u>				<u>Source: SC10984-06</u>		<u>Prepared &amp; Analyzed: 10-Aug-15</u>				
% Solids	82.3		%			82.9			0.7	5
<u>Duplicate (1515383-DUP2)</u>				<u>Source: SC10984-07</u>		<u>Prepared &amp; Analyzed: 10-Aug-15</u>				
% Solids	95.9		%			95.5			0.4	5



## Notes and Definitions

S02	The surrogate recovery for this sample cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
dry	Sample results reported on a dry weight basis
NR	Not Reported
RPD	Relative Percent Difference

Laboratory Control Sample (LCS): A known matrix spiked with compound(s) representative of the target analytes, which is used to document laboratory performance.

Matrix Duplicate: An intra-laboratory split sample which is used to document the precision of a method in a given sample matrix.

Matrix Spike: An aliquot of a sample spiked with a known concentration of target analyte(s). The spiking occurs prior to sample preparation and analysis. A matrix spike is used to document the bias of a method in a given sample matrix.

Method Blank: An analyte-free matrix to which all reagents are added in the same volumes or proportions as used in sample processing. The method blank should be carried through the complete sample preparation and analytical procedure. The method blank is used to document contamination resulting from the analytical process.

Method Detection Limit (MDL): The minimum concentration of a substance that can be measured and reported with 99% confidence that the analyte concentration is greater than zero and is determined from analysis of a sample in a given matrix type containing the analyte.

Reportable Detection Limit (RDL): The lowest concentration that can be reliably achieved within specified limits of precision and accuracy during routine laboratory operating conditions. For many analytes the RDL analyte concentration is selected as the lowest non-zero standard in the calibration curve. While the RDL is approximately 5 to 10 times the MDL, the RDL for each sample takes into account the sample volume/weight, extract/digestate volume, cleanup procedures and, if applicable, dry weight correction. Sample RDLs are highly matrix-dependent.

Surrogate: An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. These compounds are spiked into all blanks, standards, and samples prior to analysis. Percent recoveries are calculated for each surrogate.

Continuing Calibration Verification: The calibration relationship established during the initial calibration must be verified at periodic intervals. Concentrations, intervals, and criteria are method specific.

Validated by:  
June O'Connor



# CHAIN OF CUSTODY RECORD

Page 1 of 1

## Special Handling:

- ☒ Standard TAT - 7 to 10 business days 5 days plus  
☐ Rush TAT - Date Needed: \_\_\_\_\_  
All TATs subject to laboratory approval  
Min. 24-hr notification needed for rushes  
Samples disposed after 60 days unless otherwise instructed.

Report To: CMG Environmental  
67 Hall Road  
Sherborn MA 01566  
Telephone #: 774-241-0901  
Project Mgr: BGald

Invoice To: CMG  
P.O No.: \_\_\_\_\_ Quote/RQN: \_\_\_\_\_

Project No: 2014-055  
Site Name: WTC MP  
Location: Wayland State: MA  
Sampler(s): BRG

F=Field Filtered 1=Na<sub>2</sub>S<sub>2</sub>O<sub>3</sub> 2=HCl 3=H<sub>2</sub>SO<sub>4</sub> 4=HNO<sub>3</sub> 5=NaOH 6=Ascorbic Acid  
7=CH<sub>3</sub>OH 8=NaHSO<sub>4</sub> 9=Deionized Water 10=H<sub>3</sub>PO<sub>4</sub> 11= Chill 12= \_\_\_\_\_

## List Preservative Code below:

11 \_\_\_\_\_

## QA/QC Reporting Notes:

\* additional charges may apply

DW=Drinking Water GW=Groundwater SW=Surface Water WW=Waste Water

O=Oil SO=Soil SL=Sludge A=Indoor/Ambient Air SG=Soil Gas

X1= \_\_\_\_\_ X2= \_\_\_\_\_ X3= \_\_\_\_\_

## Containers

## Analysis

G= Grab		C=Composite		Type	Matrix	# of VOA Vials	# of Amber Glass	# of Clear Glass	# of Plastic	Analysis				Check if chlorinated
Lab ID:	Sample ID:	Date:	Time:											
SC10484-01	OS-1	8/6/15	15:02	G	SO		1			PCBs by 8082				<input type="checkbox"/>
02	OS-2		15:14				1			with solvent				<input type="checkbox"/>
03	OS-3		15:21				1			Extraction				<input type="checkbox"/>
04	OS-4		15:29				1			(3540C				<input type="checkbox"/>
05	H6-1		16:26				1			exhib.D)				<input type="checkbox"/>
06	H6-2		16:35				1							<input type="checkbox"/>
07	H6-3		16:41				1							<input type="checkbox"/>
08	H6-4		16:54				1							<input type="checkbox"/>
														<input type="checkbox"/>
														<input type="checkbox"/>
														<input type="checkbox"/>

Relinquished by:

Received by:

Date:

Time:

Temp °C

☐ EDD format:

☒ E-mail to: BGald@CMGenv.com

Condition upon receipt: Custody Seals: ☐ Present ☐ Intact ☐ Broken

☐ Ambient ☐ Iced ☒ Refrigerated ☐ DI VOA Frozen ☐ Soil Jar Frozen