



Commonwealth of Massachusetts
Executive Office of Energy & Environmental Affairs

Department of Environmental Protection

Southeast Regional Office • 20 Riverside Drive, Lakeville MA 02347 • 508-946-2700

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Secretary

Karyn E. Polito
Lieutenant Governor

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Commissioner

November 30, 2018

Town of Hanover
Department of Public Works
550 Hanover Street
Hanover, Massachusetts 02339
ATTN: Victor Diniak, DPW Director

RE: **HANOVER**
Release Tracking Number 4-0000090
Former National Fireworks Facility, King St.
ANALYTICAL RESULTS
253 KING STREET

Dear Mr. Diniak,

The Massachusetts Department of Environmental Protection (MassDEP or the Department) Bureau of Waste Site Cleanup is tasked with ensuring the cleanup of oil and hazardous material releases pursuant to the Massachusetts Oil and Hazardous Material Release Prevention and Response Act (M.G.L. Chapter 21E). This law is implemented through regulations known as the Massachusetts Contingency Plan (310 CMR 40.0000 et seq. – the MCP). Both M.G.L. c. 21E and the MCP require the performance of response actions to provide for the protection of harm to health, safety, public welfare and the environment which may result from releases and/or threats of releases of oil and/or hazardous material (OHM) at disposal sites.

As you are aware, MassDEP is currently overseeing the assessment of the Former National Fireworks Site located on King Street in Hanover, Massachusetts where various contaminants including trichloroethylene (TCE), lead, mercury, and other metals and organic compounds were released to the soil and groundwater. The Site was assigned Release Tracking Number (RTN) 4-0000090 under the MassDEP's Waste Site Cleanup program. Remedial investigation and cleanup activities are currently ongoing at the Site.

On August 28, 2018, MassDEP issued a letter to you requesting access to the Town of Hanover property located at 253 King Street in Hanover, Massachusetts ("the Hanover DPW Property") to conduct groundwater sampling at the irrigation wells used to water the recreational ball fields located on your property. Since your parcel of land is in close proximity to the Former National Fireworks Site and public inquiries have been made regarding the potential impacts to the irrigation wells at the recreational ball fields, MassDEP performed the sampling to evaluate whether the release of various contaminants from

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MassDEP Website: www.mass.gov/dep

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HANOVER, Former National Fireworks Facility
RTN 4-0000090

the Former National Fireworks Site has resulted in an impact to your wells located on the Hanover DPW Property.

On October 18, 2018, MassDEP collected a groundwater sample from two irrigation wells at your property at 253 King Street. The samples were transported to a MassDEP certified laboratory and analyzed for volatile organic compounds (VOCs) using Environmental Protection Agency (EPA) Method 8260 and MCP 14 total metals using EPA Methods 6010 and 7470.

ANALYTICAL RESULTS

The laboratory results indicate that VOCs, which includes TCE, were not detected in the groundwater samples collected from the two irrigation wells located on your property. It should be noted that laboratory analysis did detect concentrations of the metals Arsenic, Barium, and Zinc in the groundwater samples collected from the irrigation wells located on your property. The groundwater sample collected from the irrigation well located closest to the entrance to the Hanover DPW Property contained the following metals: Arsenic at 0.0052 milligrams per liter (mg/l) (or 5.2 micrograms per liter [ug/l]) and Barium at 0.010 mg/l (or 10 ug/l). The groundwater sample collected from the irrigation well located furthest from the entrance to the Hanover DPW Property contained the following metals: Arsenic at 0.0080 mg/l (or 8 ug/l), Barium at 0.013 mg/l (or 13 ug/l), and Zinc at 0.055 mg/l (or 55 ug/l).

MassDEP has established cleanup standards for areas in which groundwater is or may be used for drinking water purposes. These are known as Groundwater Category GW-1 Standards. The concentrations of the metals Arsenic, Barium, and Zinc detected in the groundwater samples collected from your irrigation wells were below the applicable GW-1 Standards of 10 ug/l, 2,000 ug/l, and 5,000 ug/l, respectively.

As required by the MCP, MassDEP is providing you, the owner of the property where the sampling was conducted, with the results of the analysis performed on the samples. The analytical results are attached to this letter.

If you have any questions regarding the enclosed analytical results, please contact Kendall Walker at the letterhead address, by telephone at (508) 946-2846, or by email at kendall.walker@mass.gov. Please reference RTN 4-0000090 in any written correspondence regarding the Site.

Sincerely,



Deborah A. Marshall-Hewlitt
Chief, Audit Section
Bureau of Waste Site Cleanup

DMH/KW

Enclosed: Analytical Results for 253 King Street, Hanover, Massachusetts

Ec: Hanover Chief Municipal Officer
Hanover Board of Health

HANOVER, Former National Fireworks Facility
RTN 4-0000090

DEP-SERO

Attn: Gerard M. R. Martin, Deputy Regional Director, BWSC

Attn: Andrew Fowler, Regional Counsel

Project Name: FIREWORKS SITE
Project Number: 101900.00

Lab Number: L1842519
Report Date: 10/29/18

SAMPLE RESULTS

Lab ID: L1842519-02
 Client ID: 253KING-GW-1
 Sample Location: HANOVER, MA

Date Collected: 10/18/18 13:05
 Date Received: 10/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 97,8260C
 Analytical Date: 10/26/18 13:49
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	2.0	--	1
1,1-Dichloroethane	ND		ug/l	1.0	--	1
Chloroform	ND		ug/l	1.0	--	1
Carbon tetrachloride	ND		ug/l	1.0	--	1
1,2-Dichloropropane	ND		ug/l	1.0	--	1
Dibromochloromethane	ND		ug/l	1.0	--	1
1,1,2-Trichloroethane	ND		ug/l	1.0	--	1
Tetrachloroethene	ND		ug/l	1.0	--	1
Chlorobenzene	ND		ug/l	1.0	--	1
Trichlorofluoromethane	ND		ug/l	2.0	--	1
1,2-Dichloroethane	ND		ug/l	1.0	--	1
1,1,1-Trichloroethane	ND		ug/l	1.0	--	1
Bromodichloromethane	ND		ug/l	1.0	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.40	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.40	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.40	--	1
1,1-Dichloropropene	ND		ug/l	2.0	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	1.0	--	1
Ethylbenzene	ND		ug/l	1.0	--	1
Chloromethane	ND		ug/l	2.0	--	1
Bromomethane	ND		ug/l	2.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	2.0	--	1
1,1-Dichloroethene	ND		ug/l	1.0	--	1
trans-1,2-Dichloroethene	ND		ug/l	1.0	--	1

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 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	--	1
1,2-Dichlorobenzene	ND		ug/l	1.0	--	1
1,3-Dichlorobenzene	ND		ug/l	1.0	--	1
1,4-Dichlorobenzene	ND		ug/l	1.0	--	1
Methyl tert butyl ether	ND		ug/l	2.0	--	1
p/m-Xylene	ND		ug/l	2.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylene (Total)	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	--	1
1,2-Dichloroethene (total)	ND		ug/l	1.0	--	1
Dibromomethane	ND		ug/l	2.0	--	1
1,2,3-Trichloropropane	ND		ug/l	2.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	2.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	2.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.0	--	1
Tetrahydrofuran	ND		ug/l	2.0	--	1
2,2-Dichloropropane	ND		ug/l	2.0	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,3-Dichloropropane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	--	1
Bromobenzene	ND		ug/l	2.0	--	1
n-Butylbenzene	ND		ug/l	2.0	--	1
sec-Butylbenzene	ND		ug/l	2.0	--	1
tert-Butylbenzene	ND		ug/l	2.0	--	1
o-Chlorotoluene	ND		ug/l	2.0	--	1
p-Chlorotoluene	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.0	--	1
Hexachlorobutadiene	ND		ug/l	0.60	--	1
Isopropylbenzene	ND		ug/l	2.0	--	1
p-Isopropyltoluene	ND		ug/l	2.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
n-Propylbenzene	ND		ug/l	2.0	--	1

Project Name: FIREWORKS SITE
Project Number: 101900.00

Lab Number: L1842519
Report Date: 10/29/18

SAMPLE RESULTS

Lab ID: L1842519-02
 Client ID: 253KING-GW-1
 Sample Location: HANOVER, MA

Date Collected: 10/18/18 13:05
 Date Received: 10/18/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.0	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.0	--	1
Ethyl ether	ND		ug/l	2.0	--	1
Isopropyl Ether	ND		ug/l	2.0	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	97		70-130
4-Bromofluorobenzene	95		70-130
Dibromofluoromethane	105		70-130

Project Name: FIREWORKS SITE
Project Number: 101900.00

Lab Number: L1842519
Report Date: 10/29/18

SAMPLE RESULTS

Lab ID: L1842519-03
 Client ID: 253KING-GW-2
 Sample Location: HANOVER, MA

Date Collected: 10/18/18 13:15
 Date Received: 10/18/18
 Field Prep: Not Specified

Sample Depth:

Matrix: Water
 Analytical Method: 97,8260C
 Analytical Date: 10/26/18 14:23
 Analyst: MKS

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Methylene chloride	ND		ug/l	2.0	--	1
1,1-Dichloroethane	ND		ug/l	1.0	--	1
Chloroform	ND		ug/l	1.0	--	1
Carbon tetrachloride	ND		ug/l	1.0	--	1
1,2-Dichloropropane	ND		ug/l	1.0	--	1
Dibromochloromethane	ND		ug/l	1.0	--	1
1,1,2-Trichloroethane	ND		ug/l	1.0	--	1
Tetrachloroethene	ND		ug/l	1.0	--	1
Chlorobenzene	ND		ug/l	1.0	--	1
Trichlorofluoromethane	ND		ug/l	2.0	--	1
1,2-Dichloroethane	ND		ug/l	1.0	--	1
1,1,1-Trichloroethane	ND		ug/l	1.0	--	1
Bromodichloromethane	ND		ug/l	1.0	--	1
trans-1,3-Dichloropropene	ND		ug/l	0.40	--	1
cis-1,3-Dichloropropene	ND		ug/l	0.40	--	1
1,3-Dichloropropene, Total	ND		ug/l	0.40	--	1
1,1-Dichloropropene	ND		ug/l	2.0	--	1
Bromoform	ND		ug/l	2.0	--	1
1,1,2,2-Tetrachloroethane	ND		ug/l	1.0	--	1
Benzene	ND		ug/l	0.50	--	1
Toluene	ND		ug/l	1.0	--	1
Ethylbenzene	ND		ug/l	1.0	--	1
Chloromethane	ND		ug/l	2.0	--	1
Bromomethane	ND		ug/l	2.0	--	1
Vinyl chloride	ND		ug/l	1.0	--	1
Chloroethane	ND		ug/l	2.0	--	1
1,1-Dichloroethene	ND		ug/l	1.0	--	1
trans-1,2-Dichloroethene	ND		ug/l	1.0	--	1

Project Name: FIREWORKS SITE

Lab Number: L1842519

Project Number: 101900.00

Report Date: 10/29/18

SAMPLE RESULTS

Lab ID: L1842519-03
 Client ID: 253KING-GW-2
 Sample Location: HANOVER, MA

Date Collected: 10/18/18 13:15
 Date Received: 10/18/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
Trichloroethene	ND		ug/l	1.0	--	1
1,2-Dichlorobenzene	ND		ug/l	1.0	--	1
1,3-Dichlorobenzene	ND		ug/l	1.0	--	1
1,4-Dichlorobenzene	ND		ug/l	1.0	--	1
Methyl tert butyl ether	ND		ug/l	2.0	--	1
p/m-Xylene	ND		ug/l	2.0	--	1
o-Xylene	ND		ug/l	1.0	--	1
Xylene (Total)	ND		ug/l	1.0	--	1
cis-1,2-Dichloroethene	ND		ug/l	1.0	--	1
1,2-Dichloroethene (total)	ND		ug/l	1.0	--	1
Dibromomethane	ND		ug/l	2.0	--	1
1,2,3-Trichloropropane	ND		ug/l	2.0	--	1
Styrene	ND		ug/l	1.0	--	1
Dichlorodifluoromethane	ND		ug/l	2.0	--	1
Acetone	ND		ug/l	5.0	--	1
Carbon disulfide	ND		ug/l	2.0	--	1
2-Butanone	ND		ug/l	5.0	--	1
4-Methyl-2-pentanone	ND		ug/l	5.0	--	1
2-Hexanone	ND		ug/l	5.0	--	1
Bromochloromethane	ND		ug/l	2.0	--	1
Tetrahydrofuran	ND		ug/l	2.0	--	1
2,2-Dichloropropane	ND		ug/l	2.0	--	1
1,2-Dibromoethane	ND		ug/l	2.0	--	1
1,3-Dichloropropane	ND		ug/l	2.0	--	1
1,1,1,2-Tetrachloroethane	ND		ug/l	1.0	--	1
Bromobenzene	ND		ug/l	2.0	--	1
n-Butylbenzene	ND		ug/l	2.0	--	1
sec-Butylbenzene	ND		ug/l	2.0	--	1
tert-Butylbenzene	ND		ug/l	2.0	--	1
o-Chlorotoluene	ND		ug/l	2.0	--	1
p-Chlorotoluene	ND		ug/l	2.0	--	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.0	--	1
Hexachlorobutadiene	ND		ug/l	0.60	--	1
Isopropylbenzene	ND		ug/l	2.0	--	1
p-Isopropyltoluene	ND		ug/l	2.0	--	1
Naphthalene	ND		ug/l	2.0	--	1
n-Propylbenzene	ND		ug/l	2.0	--	1

Project Name: FIREWORKS SITE
Project Number: 101900.00

Lab Number: L1842519
Report Date: 10/29/18

SAMPLE RESULTS

Lab ID: L1842519-03
 Client ID: 253KING-GW-2
 Sample Location: HANOVER, MA

Date Collected: 10/18/18 13:15
 Date Received: 10/18/18
 Field Prep: Not Specified

Sample Depth:

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
MCP Volatile Organics - Westborough Lab						
1,2,3-Trichlorobenzene	ND		ug/l	2.0	--	1
1,2,4-Trichlorobenzene	ND		ug/l	2.0	--	1
1,3,5-Trimethylbenzene	ND		ug/l	2.0	--	1
1,2,4-Trimethylbenzene	ND		ug/l	2.0	--	1
Ethyl ether	ND		ug/l	2.0	--	1
Isopropyl Ether	ND		ug/l	2.0	--	1
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.0	--	1
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	--	1
1,4-Dioxane	ND		ug/l	250	--	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	101		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	99		70-130
Dibromofluoromethane	105		70-130

Project Name: FIREWORKS SITE

Lab Number: L1842519

Project Number: 101900.00

Report Date: 10/29/18

SAMPLE RESULTS

Lab ID: L1842519-02

Date Collected: 10/18/18 13:05

Client ID: 253KING-GW-1

Date Received: 10/18/18

Sample Location: HANOVER, MA

Field Prep: Not Specified

Sample Depth:

Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.050	--	1	10/20/18 10:25	10/24/18 15:24	EPA 3005A	97,6010D	AB
Arsenic, Total	0.0052		mg/l	0.0050	--	1	10/20/18 10:25	10/24/18 15:24	EPA 3005A	97,6010D	AB
Barium, Total	0.010		mg/l	0.010	--	1	10/20/18 10:25	10/24/18 15:24	EPA 3005A	97,6010D	AB
Beryllium, Total	ND		mg/l	0.005	--	1	10/20/18 10:25	10/24/18 15:24	EPA 3005A	97,6010D	AB
Cadmium, Total	ND		mg/l	0.004	--	1	10/20/18 10:25	10/24/18 15:24	EPA 3005A	97,6010D	AB
Chromium, Total	ND		mg/l	0.010	--	1	10/20/18 10:25	10/24/18 15:24	EPA 3005A	97,6010D	AB
Lead, Total	ND		mg/l	0.010	--	1	10/20/18 10:25	10/24/18 15:24	EPA 3005A	97,6010D	AB
Mercury, Total	ND		mg/l	0.0002	--	1	10/24/18 16:43	10/24/18 19:36	EPA 7470A	97,7470A	MG
Nickel, Total	ND		mg/l	0.025	--	1	10/20/18 10:25	10/24/18 15:24	EPA 3005A	97,6010D	AB
Selenium, Total	ND		mg/l	0.010	--	1	10/20/18 10:25	10/24/18 15:24	EPA 3005A	97,6010D	AB
Silver, Total	ND		mg/l	0.007	--	1	10/20/18 10:25	10/24/18 15:24	EPA 3005A	97,6010D	AB
Thallium, Total	ND		mg/l	0.020	--	1	10/20/18 10:25	10/24/18 15:24	EPA 3005A	97,6010D	AB
Vanadium, Total	ND		mg/l	0.010	--	1	10/20/18 10:25	10/24/18 15:24	EPA 3005A	97,6010D	AB
Zinc, Total	ND		mg/l	0.050	--	1	10/20/18 10:25	10/24/18 15:24	EPA 3005A	97,6010D	AB



Project Name: FIREWORKS SITE
Project Number: 101900.00

Lab Number: L1842519
Report Date: 10/29/18

SAMPLE RESULTS

Lab ID: L1842519-03
 Client ID: 253KING-GW-2
 Sample Location: HANOVER, MA

Date Collected: 10/18/18 13:15
 Date Received: 10/18/18
 Field Prep: Not Specified

Sample Depth:
 Matrix: Water

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Mansfield Lab											
Antimony, Total	ND		mg/l	0.050	--	1	10/20/18 10:25	10/24/18 15:28	EPA 3005A	97,6010D	AB
Arsenic, Total	0.0080		mg/l	0.0050	--	1	10/20/18 10:25	10/24/18 15:28	EPA 3005A	97,6010D	AB
Barium, Total	0.013		mg/l	0.010	--	1	10/20/18 10:25	10/24/18 15:28	EPA 3005A	97,6010D	AB
Beryllium, Total	ND		mg/l	0.005	--	1	10/20/18 10:25	10/24/18 15:28	EPA 3005A	97,6010D	AB
Cadmium, Total	ND		mg/l	0.004	--	1	10/20/18 10:25	10/24/18 15:28	EPA 3005A	97,6010D	AB
Chromium, Total	ND		mg/l	0.010	--	1	10/20/18 10:25	10/24/18 15:28	EPA 3005A	97,6010D	AB
Lead, Total	ND		mg/l	0.010	--	1	10/20/18 10:25	10/24/18 15:28	EPA 3005A	97,6010D	AB
Mercury, Total	ND		mg/l	0.0002	--	1	10/24/18 16:43	10/24/18 19:38	EPA 7470A	97,7470A	MG
Nickel, Total	ND		mg/l	0.025	--	1	10/20/18 10:25	10/24/18 15:28	EPA 3005A	97,6010D	AB
Selenium, Total	ND		mg/l	0.010	--	1	10/20/18 10:25	10/24/18 15:28	EPA 3005A	97,6010D	AB
Silver, Total	ND		mg/l	0.007	--	1	10/20/18 10:25	10/24/18 15:28	EPA 3005A	97,6010D	AB
Thallium, Total	ND		mg/l	0.020	--	1	10/20/18 10:25	10/24/18 15:28	EPA 3005A	97,6010D	AB
Vanadium, Total	ND		mg/l	0.010	--	1	10/20/18 10:25	10/24/18 15:28	EPA 3005A	97,6010D	AB
Zinc, Total	0.055		mg/l	0.050	--	1	10/20/18 10:25	10/24/18 15:28	EPA 3005A	97,6010D	AB





CHAIN OF CUSTODY

PAGE 1 OF 1

9 Walkup Drive
Westboro, MA 01581
Tel: 508-898-8220

320 Forbes Blvd
Mansfield, MA 02048
Tel: 508-822-9300

Date Rec'd in Lab: 10/18/18
ALPHA Job #: L1842519

Client Information

Client: MASS DEP
Address: 20 RIVERSIDE DRIVE
LAKEVILLE, MA 02347
Phone: 508-946-2846
Email: kendall.walker@mass.gov

Additional Project Information:
RTN #: 4-0000090

Project Information

Project Name: FIREWORKS SITE
Project Location: HANOVER, MA
Project #: 101900.00
Project Manager: DEBBIE MARSHALL-HEWITT
ALPHA Quote #:

Turn-Around Time

Standard RUSH (only confirmed if pre-approved)
Date Due:

Report Information - Data Deliverables

ADEX EMAIL Same as Client info PO #:

Regulatory Requirements & Project Information Requirements

Yes No MA MCP Analytical Methods Yes No CT RCP Analytical Methods
 Yes No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
 Yes No GW1 Standards (Info Required for Metals & EPH with Targets)
 Yes No NPDES RGP
 Other State /Fed Program Criteria

ANALYSIS	Criteria										SAMPLE INFO	TOTAL # BOTTLES		
	VOC: <input checked="" type="checkbox"/> 8260 <input type="checkbox"/> 824 <input type="checkbox"/> 524.2	SVOC: <input type="checkbox"/> ABN <input type="checkbox"/> PAH	METALS: <input type="checkbox"/> MCP 13 <input checked="" type="checkbox"/> MCP 14 <input type="checkbox"/> RCP 15	METALS: <input type="checkbox"/> RCRA5 <input type="checkbox"/> RCRA8 <input type="checkbox"/> PP13	EPH: <input type="checkbox"/> Ranges & Targets <input type="checkbox"/> Ranges Only	VPH: <input type="checkbox"/> Ranges & Targets <input type="checkbox"/> Ranges Only	PCB <input type="checkbox"/> PEST	TPH: <input type="checkbox"/> Quant Only <input type="checkbox"/> Fingerprint						

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection		Sample Matrix	Sampler Initials	VOC	SVOC	METALS	METALS	EPH	VPH	PCB	TPH	Sample Comments	TOTAL # BOTTLES
		Date	Time												
42519-01	68 BIRCH - GW-1	10/18/18	1155	GW	KW	X	X								5
02	253 KING - GW-1	10/18/18	1305	GW	KW	X	X								5
03	253 KING - GW-2	10/18/18	1315	GW	KW	X	X								5
04	TRIP BLANK	10/17/18				X									4

- Container Type**
- P= Plastic
 - A= Amber glass
 - V= Vial
 - G= Glass
 - B= Bacteria cup
 - C= Cube
 - O= Other
 - E= Encore
 - D= BOD Bottle
- Preservative**
- A= None
 - B= HCl
 - C= HNO₃
 - D= H₂SO₄
 - E= NaOH
 - F= MeOH
 - G= NaHSO₄
 - H= Na₂S₂O₈
 - I= Ascorbic Acid
 - J= NH₄Cl
 - K= Zn Acetate
 - O= Other

Container Type	V	P
Preservative	B	C

Relinquished By:	Date/Time	Received By:	Date/Time
<i>Kathleen Johnson</i>	10-18-18/1600	<i>MSM AAL</i>	10/18/18 1600
<i>MSM</i>	10/18/18 1630	<i>MSM AAL</i>	10/18 1700
<i>MSM AAL</i>	10/18 1755	<i>MSM AAL</i>	10/18 1755

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.
FORM NO: 01-01 (rev. 12-Mar-2012)