



Eastern Analytical, Inc.

professional laboratory and drilling services

John Kubiczki
Hydro-GeoChemical Solutions, LLC
PO Box 33
Barrington , NH 03825



Subject: Laboratory Report

Eastern Analytical, Inc. ID: 172782
Client Identification: 148 Goodhue Road
Date Received: 8/30/2017

Dear Mr. Kubiczki :

Enclosed please find the laboratory report for the above identified project. All analyses were performed in accordance with our QA/QC Program. Unless otherwise stated, holding times, preservation techniques, container types, and sample conditions adhered to EPA Protocol. Samples which were collected by Eastern Analytical, Inc. (EAI) were collected in accordance with approved EPA procedures. Eastern Analytical, Inc. certifies that the enclosed test results meet all requirements of NELAP and other applicable state certifications. Please refer to our website at www.eailabs.com for a copy of our NELAP certificate and accredited parameters.

The following standard abbreviations and conventions apply to all EAI reports:

- Solid samples are reported on a dry weight basis, unless otherwise noted
- < : "less than" followed by the reporting limit
- > : "greater than" followed by the reporting limit
- %R : % Recovery


Eastern Analytical Inc. maintains certification in the following states: Connecticut (PH-0492), Maine (NH005), Massachusetts (M-NH005), New Hampshire/NELAP (1012), Rhode Island (269) and Vermont (VT1012).

The following information is contained within this report: Sample Conditions summary, Analytical Results/Data, Quality Control data (if requested) and copies of the Chain of Custody. This report may not be reproduced except in full, without the the written approval of the laboratory.

If you have any questions regarding the results contained within, please feel free to directly contact me or the chemist(s) who performed the testing in question. Unless otherwise requested, we will dispose of the sample(s) 30 days from the sample receipt date.

We appreciate this opportunity to be of service and look forward to your continued patronage.

Sincerely,


Lorraine Olashaw, Lab Director

9.5.17
Date

3
of pages (excluding cover letter)



SAMPLE CONDITIONS PAGE

EAI ID#: 172782

Client: **Hydro-GeoChemical Solutions, LLC**

Client Designation: **148 Goodhue Road**

Temperature upon receipt (°C): **19.3**

Received on ice or cold packs (Yes/No): **N**

Acceptable temperature range (°C): 0-6

| Lab ID | Sample ID | Date Received | Date Sampled | Sample Matrix | % Dry Weight | Exceptions/Comments (other than thermal preservation) |
|-----------|------------------|---------------|--------------|---------------|--------------|---|
| 172782.01 | 148 Goodhue Road | 8/30/17 | 8/28/17 | solid | | Adheres to Sample Acceptance Policy |

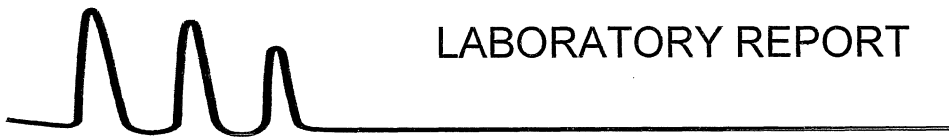
Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitability, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.

Immediate analyses, pH, Total Residual Chlorine, Dissolved Oxygen and Sulfite, performed at the laboratory were run outside of the recommended 15 minute hold time.

All results contained in this report relate only to the above listed samples.

References include:

- 1) EPA 600/4-79-020, 1983
- 2) Standard Methods for Examination of Water and Wastewater, 20th Edition, 1998 and 22nd Edition, 2012
- 3) Test Methods for Evaluating Solid Waste SW 846 3rd Edition including updates IVA and IVB
- 4) Hach Water Analysis Handbook, 2nd edition, 1992



LABORATORY REPORT

EAI ID#: 172782

Client: **Hydro-GeoChemical Solutions, LLC**

Client Designation: **148 Goodhue Road**

Sample ID: 148 Goodhue Road
Lab Sample ID: 172782.01
Analytical Type: Sample
Matrix: solid
Date Sampled: 8/28/17
Date Received: 8/30/17
Date Extracted:

| | Result | Dilution Factor | Analytical Matrix | Units | Date Analyzed | Method | Analyst | TCLP Reg Limits (Leachate Conc.) |
|------|--------|-----------------|-------------------|-------|---------------|--------|---------|----------------------------------|
| Lead | < 0.5 | 10 | TCLPsolid | mg/L | 9/1/17 | 6010C | JCS | 5 mg/l |

CHAIN-OF-CUSTODY RECORD

BOLD FIELDS REQUIRED. PLEASE CIRCLE REQUESTED ANALYSIS.

172782

| SAMPLE I.D. | SAMPLING DATE / TIME | MATRIX (SEE BELOW) | GRAB / *COMPOSITE | VOC | SVOC | TCF METALS | INORGANICS | MICROBIOLOGY | NOTES |
|----------------|-------------------------|--------------------|-------------------|---|------|------------|------------|--------------|-----------------|
| | | | | | | | | | |
| 148 Goodhue Rd | 8/28/17 12:00 - 1:00 PM | GC | | 524.2 524.2 BTEX 8260 624 VTICs I, 4 DIOXANE 8021 BTEX HALOS 8015 GRO MAVPH 8270 625 SVTICS EDB DBCP ABN A BN PAH TPH8100 LI L2 8015 DRO MAEPH PEST 608 PCB 608 PEST 8081 PCB 8082 OIL & GREASE 1664 TPH 1664 TCCLP 13TH ABN METALS VOC PEST HERB DISSOLVED METALS (LIST BELOW) TOTAL METALS (LIST BELOW) TS TSS TDS SPEC. CON. BR CL F SO4 NO2 NO3 NO2NO2 BOD CBOD T. ALK. TKN NH3 T. PHOS. O. PHOS. pH T. RES. CHLORINE COD PHENOLS TOC DOC TOTAL CYANIDE TOTAL SULFIDE REACTIVE CYANIDE REACTIVE SULFIDE FLASHPOINT IGNITABILITY TOTAL COLIFORM E. COLI FECAL COLIFORM ENTEROCOCCI HETEROTROPHIC PLATE COUNT | | | | | |
| | | | | | | | | | # OF CONTAINERS |
| | | | | | | | | | MEOH VIAL # |

MATRIX: A-AIR; S-SOIL; GW-GROUND WATER; SW-SURFACE WATER; DW-DRINKING WATER;
 WW-WASTE WATER
 PRESERVATIVE: H-HCL; N-HNO3; S-H2SO4; Na-HA0H; M-MEOH

PROJECT MANAGER: John Kubieczi
COMPANY: Hydro-Geo Chemical Solutions, LLC
ADDRESS: PO Box 33
CITY: Boveington STATE: NH ZIP: 03825
PHONE: 603-502-5181 EXT.:
FAX:
E-MAIL: jkubczi@hydro-geochemicalsolutions.com
SITE NAME: 148 Goodhue Road
PROJECT #:
STATE: NH MA ME VT OTHER:
REGULATORY PROGRAM: NPDES: RGP POTW STORMWATER OR
 GWP, OIL FUND, BROWNFIELD OR OTHER:
QUOTE #: PO #:

DATE NEEDED: 72 hours

QA/QC REPORTING LEVEL
 A B C OR
 PRESUMPTIVE CERTAINTY
 REPORTING OPTIONS
 PRELIM: YES OR NO
 ELECTRONIC OPTIONS
 E-MAIL PDF EQUUS EXCEL

TEMP: 12.3 °C
 ICE? YES NO

SAMPLER: John Kubieczi
RELINQUISHED BY: [Signature] DATE: 8/30/17 TIME: 835
RECEIVED BY: [Signature]
RELINQUISHED BY: DATE: TIME:
RECEIVED BY: DATE: TIME:

METALS: 8 RCRA 13 PP Fe, Mn Pb, Cu
OTHER METALS: Lead
SAMPLES FIELD FILTERED? YES NO
 NOTES: (IE: SPECIAL DETECTION LIMITS, BILLING INFO, IF DIFFERENT)
SITE HISTORY: Contained Building
SUSPECTED CONTAMINATION:
FIELD READINGS: