AR - 1324

GZA
GeoEnvironmental, Inc.

Engineers and Scientists

VIA EMAIL

November 29, 2012
File No. 04.0029307.00

Mr. Bruce Kudrick
Superintendent, Hooksett Sewer Commission
Town of Hooksett
1 Egawes Drive
Hooksett, New Hampshire 03106

380 Harvey Road
Manchester
New Hampshire
03103-3347 603-623-3600 FAX
603-624-9463
www.gza.com

Re: Revised October Wastewater Discharge Monitoring Report
Merrimack Station
Public Service Company of New Hampshire
Bow, New Hampshire

Dear Bruce:

Attached please find the revised **table** summarizing the volume of distillate discharged to the Hooksett Wastewater Treatment System (Hooksett) in the month of October 2012. The table was updated to include one additional truck (8,000 gallons) which was discharged to Hooksett on October 29, 2012. The total volume of distillate discharged to Hooksett in October 2012 was 296,000 gallons, not the previously reported 288,000 gallons. It is our understanding that the 296,000-gallon value is consistent with load tickets received by the Sewer Commissioner's Office for the month of October 2012.

Should you have any questions concerning this report, please do not hesitate to contact me at (603) 232-8744.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.

Ronald A. Breton

Ronald A. Breton, P.E.
Senior Principal

RAB:rkl
P:\04Jobs\0029300s\04.0029307.00\Work\SAMPLING AND REPORTING\REPORTS\Hooksett\Monthly\October 2012\FINALGZA ltr head 29307 Revised Hooksett OCT RPT 112912.doc

Attachment

SUMMARY OF WASTEWATER SHIPMENTS TO HOOKSETT WASTEWATER TREATMENT PLANT

Public Service Company of New Hampshire
Merrimack Station
Bow, New Hampshire

DATE	DAY	TICKET	TRUCKING COMPANY	pH	VOLUME	TOTAL DAILY VOLUME (gallons)
10/4/2012	Thursday	25796	Enpro	7.69	8,000	8,000
10/10/2012	Wednesday	25809	Enpro	7.5	8,000	8,000
10/11/2012	Thursday	25810	Enpro	7.28	8,000	8,000
10/15/2012	Monday	25812	Enpro	8.96	8,000	16,000
		25813	Enpro	8.96	8,000	
10/16/2012	Tuesday	25814	Enpro	8.66	8,000	24,000
		25815	Enpro	8.58	8,000	
		25816	Enpro	8.48	8,000	
10/17/2012	Wednesday	25817	Enpro	7.63	8,000	16,000
		25818	Enpro	7.63	8,000	
10/18/2012	Thursday	25819	Enpro	7.9	8,000	40,000
		25820	Enpro	7.91	8,000	
		25821	Enpro	7.99	8,000	
		25822	Enpro	8.01	8,000	
		25823	Enpro	8.05	8,000	
10/19/2012	Friday	25825	Enpro	7.8	8,000	40,000
		25826	Enpro	7.9	8,000	
		25827	Enpro	7.8	8,000	
		25828	Enpro	7.8	8,000	
		25829	Enpro	7.5	8,000	
10/20/2012	Saturday	25830	Enpro	7.6	8,000	40,000
		25831	Enpro	7.6	8,000	
		25832	Enpro	7.6	8,000	
		25833	Enpro	7.5	8,000	
		25834	Enpro	7.2	8,000	
10/21/2012	Sunday	25835	Enpro	8.24	8,000	40,000
		25836	Enpro	8.5	8,000	
		25837	Enpro	8.4	8,000	
		25838	Enpro	8.4	8,000	
		25839	Enpro	8.3	8,000	
10/22/2012	Monday	25840	Enpro	8.05	8,000	40,000
		25841	Enpro	8.3	8,000	
		25842	Enpro	8.31	8,000	
		25843	Enpro	8.43	8,000	
		25844	Enpro	8.4	8,000	
10/24/2012	Wednesday	25857	Enpro	7.92	8,000	8,000
10/29/2012	Monday	25865	Enpro	8.75	8,000	8,000

Shipments (Number of Trucks)	37
Truck Volume (Gallons)	8,000
Total Volume Discharged (Gallons)	296,000
Maximum Daily Flow (gallons per day)	40,000
Average Daily Flow (gallons per discharge day)	22,769

GZA
GeoEnvironmental, Inc.

Engineers and Scientists

VIA EMAIL

November 15, 2012
File No. 04.0029307.00

Mr. Bruce Kudrick
Superintendent, Hooksett Sewer Commission
Town of Hooksett
1 Egawes Drive
Hooksett, New Hampshire 03106

380 Harvey Road
Manchester
New Hampshire
03103-3347
603-623-3600
FAX 603-624-9463
www.gza.com

Re: Wastewater Discharge Monitoring Report
October 2012
Merrimack Station
Public Service Company of New Hampshire (PSNH)
Bow, New Hampshire

Dear Bruce:

On behalf of PSNH, GZA GeoEnvironmental, Inc. is pleased to submit the attached **Wastewater Discharge Monitoring Report** (DMR) for the period October 1, 2012 through October 31, 2012, in accordance with Waste Disposal Agreement WDA-001. Wastewater (Distillate) flow was approximately 288,000 gallons for the monitoring period and was estimated based on the actual number of tanker trucks discharged to the Hooksett Sanitary Sewer System (Hooksett) in October and assumed full tanker capacity (i.e., 8,000 gallons). Distillate was the only approved waste stream discharged to Hooksett in October 2012. **Table 1** included in the Wastewater DMR summarizes the data contained in the attached **Analytical Data Report** for the distillate sample collected on October 18, 2012. **Table 2** included in the Wastewater DMR summarizes wastewater shipments to Hooksett in the month of October 2012.

Should you have any questions concerning this report, please do not hesitate to contact me at (603) 232-8744.

Very truly yours,

GZA GEOENVIRONMENTAL, INC.

Ronald A. Breton

Ronald A. Breton, P.E.
Senior Principal

RAB:rkl
P:\04Jobs\0029300s\04.0029307.00\Work\SAMPLING AND REPORTING\REPORTS\Hooksett\Monthly\October 2012\FINAL Hooksett OCT RPT 111412.docx

Attachments: Wastewater Discharge Monitoring Report
Analytical Data Report

WASTEWATER DISCHARGE MONITORING REPORT

WASTEWATER DISCHARGE MONITORING REPORT
HOOKSETT WASTEWATER TREATMENT PLANT

Public Service Company of New Hampshire - Merrimack Station
Waste Disposal Agreement No. WDA-001
Issued October 1, 2012
Expires September 30, 2013

Permitted Flow:

Treated Blowdown from Flue Gas Desulfurization (FGD) System (Stream A).....100,000 gallons per day
Treated Blowdown from Flue Gas Desulfurization (FGD) System (Softened Stream A)..... 100,000 gallons per day
Noncontact Cooling Water generated in association with the FGD treatment System.....100,000 gallons per day
Distillate generated in association with the FGD treatment system .....100,000 gallons per day

NOTE: The total volume of all waste streams discharged shall not exceed 100,000 gallons per day.

FLOW DATA

Daily Flow Rate	24,000 gallons (average of actual discharge days)
Maximum Daily Flow Rate	40,000 gallons per day
Monitoring Period Flow	288,000 gallons (10/01/12 - 10/31/12)

FACILITY INFORMATION

Company Name: Public Service Company of New Hampshire - Merrimack Station
Company Owner: Public Service Company of New Hampshire
Facility Address: 97 River Road
Facility Contact: Brad Owens
Telephone: (603) 224-4081

MONITORING REPORT

Submittal Date: 11/15/2012
Monitoring Point: Truck loading station
Reporting Period: October 2012

SAMPLE ANALYSIS

Certified Analytical Laboratory: Eastern Analytical Inc. (EAI) Certification Number 1012
Authorized Representative: Lorraine Olashaw
Analytical Subcontractor: Phoenix Environmental Laboratories, Inc. Certification Number 213693-A,B

SAMPLE COLLECTION

Sampler: Paul Pepler, GZA
Sample Type: Grab
Sample Date: 10/18/2012 Sample Time 2:00 PM
pH: 7.99
Waste Stream: Distillate

CATEGORICAL PRETREATMENT STANDARDS

40 CFR 423.16: Steam Electric Power Generating Category
NOTE: There are no numerical pretreatment standards for this source

CERTIFICATION STATEMENT

"I certify, under penalty of law, that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Brad Owens
Printed Name of Authorized Representative

Station Manager
Title

Signature of Authorized Representative

11/13/2012
Date

TABLE 1 - SUMMARY OF ANALYTICAL DATA
Public Service Company of New Hampshire
Merrimack Station
Bow, New Hampshire

PARAMETER	DISTILLATE RESULTS 10/18/2012 (mg/L)
Arsenic	<0.001
Chloride	20
Chromium (T)	<0.001
Lead	<0.001
Mercury	<0.0002
pH	7.99
Selenium	0.002
Sodium	16

TABLE 2 - SUMMARY OF WASTEWATER SHIPMENTS TO HOOKSETT WASTEWATER TREATMENT PLANT

Public Service Company of New Hampshire
Merrimack Station
Bow, New Hampshire

DATE	DAY	TICKET	TRUCKING COMPANY	pH	VOLUME	TOTAL DAILY VOLUME (gallons)
10/4/2012	Thursday	25796	Enpro	7.69	8,000	8,000
10/10/2012	Wednesday	25809	Enpro	7.5	8,000	8,000
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10/15/2012	Monday	25812	Enpro	8.96	8,000	16,000
		25813	Enpro	8.96	8,000	
10/16/2012	Tuesday	25814	Enpro	8.66	8,000	24,000
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10/18/2012	Thursday	25819	Enpro	7.9	8,000	40,000
		25820	Enpro	7.91	8,000	
		25821	Enpro	7.99	8,000	
		25822	Enpro	8.01	8,000	
		25823	Enpro	8.05	8,000	
10/19/2012	Friday	25825	Enpro	7.8	8,000	40,000
		25826	Enpro	7.9	8,000	
		25827	Enpro	7.8	8,000	
		25828	Enpro	7.8	8,000	
		25829	Enpro	7.5	8,000	
10/20/2012	Saturday	25830	Enpro	7.6	8,000	40,000
		25831	Enpro	7.6	8,000	
		25832	Enpro	7.6	8,000	
		25833	Enpro	7.5	8,000	
		25834	Enpro	7.2	8,000	
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		25836	Enpro	8.5	8,000	
		25837	Enpro	8.4	8,000	
		25838	Enpro	8.4	8,000	
		25839	Enpro	8.3	8,000	
10/22/2012	Monday	25840	Enpro	8.05	8,000	40,000
		25841	Enpro	8.3	8,000	
		25842	Enpro	8.31	8,000	
		25843	Enpro	8.43	8,000	
		25844	Enpro	8.4	8,000	
10/24/2012	Wednesday	25857	Enpro	7.92	8,000	8,000

Shipments (Number of Trucks)	36
Truck Volume (Gallons)	8,000
Total Volume Discharged (Gallons)	288,000
Maximum Daily Flow (gallons per day)	40,000
Average Daily Flow (gallons per discharge day)	24,000

ANALYTICAL DATA REPORT

Eastern Analytical, Inc.

professional laboratory & drilling services

Paul Pepler
GZA GeoEnvironmental, Inc. (NH)
380 Harvey Road
Manchester , NH 03103

ACCREDITED IN ACCORDANCE WITH nelac

Subject: Laboratory Report

Eastern Analytical, Inc. ID: 115267
Client Identification: PSNH-MK
Date Received: 10/19/2012

Dear Mr. Pepler :

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

10-30-12
Date

12
# of pages (excluding cover letter)

SAMPLE CONDITIONS PAGE

EAI ID#: **115267**

Client: **GZA GeoEnvironmental, Inc. (NH)**

Client Designation: **PSNH-MK**

Temperature upon receipt (°C): 4.1 **Received on ice or cold packs (Yes/No): Y**

Acceptable temperature range (°C): 0-6

Lab ID	Sample ID	Date Received	Date Sampled	Sample Matrix	% Dry Weight	Exceptions/Comments (other than thermal preservation)
115267.01	Distillate	10/19/12	10/18/12	aqueous		Adheres to Sample Acceptance Policy
115267.02	Field Blank	10/19/12	10/18/12	aqueous		Adheres to Sample Acceptance Policy

Samples were properly preserved and the pH measured when applicable unless otherwise noted. Analysis of solids for pH, Flashpoint, Ignitibility, Paint Filter, Corrosivity, Conductivity and Specific Gravity are reported on an "as received" basis.
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 : Inorganics, 19th Edition, 1995; Microbiology, 20th Edition, 1998
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#: **115267**

Client: **GZA GeoEnvironmental, Inc. (NH)**
Client Designation: **PSNH-MK**

Sample ID: Distillate

Lab Sample ID: 115267.01
Matrix: aqueous
Date Sampled: 10/18/12
Date Received: 10/19/12

			Analysis			
		Units	Date	Time	Method	Analyst
Chloride	20	mg/L	10/23/12	10:12	4500CIE	KD

QC REPORT

EAI ID#: **115267**

Client: **GZA GeoEnvironmental, Inc. (NH)**

Client Designation: **PSNH-MK**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Chloride	< 1	25 (101 %R)	25 (102 %R) (1 RPD)	mg/L	10/23/12	90 - 110	20	4500CIE

Samples were analyzed within holding times unless noted on the sample results page.
Instrumentation was calibrated in accordance with the method requirements.
The method blanks were free of contamination at the reporting limits.
The associated matrix spikes and/or Laboratory Control Samples met the above stated criteria.
Exceptions to the above statements are flagged or noted above or on the QC Narrative page.
*/! Flagged analyte recoveries deviated from the QA/QC limits.

LABORATORY REPORT

EAI ID#: **115267**

Client: **GZA GeoEnvironmental, Inc. (NH)**

Client Designation: **PSNH-MK**

Sample ID: Distillate

Lab Sample ID: 115267.01

Matrix: aqueous

Date Sampled: 10/18/12

Date Received: 10/19/12

		Analytical Matrix	Units	Date of Analysis	Method	Analyst
Arsenic	< 0.001	AqTot	mg/L	10/22/12	200.8	DS
Chromium	< 0.001	AqTot	mg/L	10/22/12	200.8	DS
Lead	< 0.001	AqTot	mg/L	10/22/12	200.8	DS
Selenium	**0.002**	AqTot	mg/L	10/22/12	200.8	DS
Sodium	**16**	AqTot	mg/L	10/22/12	200.8	DS

QC REPORT

EAI ID#: **115267**

Client: **GZA GeoEnvironmental, Inc. (NH)**

Client Designation: **PSNH-MK**

Parameter Name	Blank	LCS	LCSD	Units	Date of Analysis	Limits	RPD	Method
Arsenic	< 0.001	0.99 (99 %R)		mg/L	10/22/12	85 - 115	20	200.8
Chromium	< 0.001	0.99 (99 %R)		mg/L	10/22/12	85 - 115	20	200.8
Lead	< 0.001	0.95 (95 %R)		mg/L	10/22/12	85 - 115	20	200.8
Selenium	< 0.001	0.94 (94 %R)		mg/L	10/22/12	85 - 115	20	200.8
Sodium	< 5	11 (103 %R)		mg/L	10/22/12	85 - 115	20	200.8

Parameter Name	MS/MSD Parent ID	MS/MSD Parent	Matrix Spike	MSD	Units	Date of Analysis	Limits	RPD	Method
Arsenic	115269.01	< 0.001	0.96 (96 %R)	0.94 (94 %R) (2 RPD)	mg/L	10/22/12	70-130	20	200.8
Chromium	115269.01	< 0.001	0.86 (86 %R)	0.86 (86 %R) (0 RPD)	mg/L	10/22/12	70-130	20	200.8
Lead	115269.01	< 0.001	0.92 (92 %R)	0.89 (89 %R) (3 RPD)	mg/L	10/22/12	70-130	20	200.8
Selenium	115269.01	< 0.001	0.95 (95 %R)	0.94 (94 %R) (1 RPD)	mg/L	10/22/12	70-130	20	200.8
Sodium	115269.01	12	21 (83 %R)	20 (74 %R) (11 RPD)	mg/L	10/22/12	70-130	20	200.8

Samples were analyzed within holding times unless noted on the sample results page.
Instrumentation was calibrated in accordance with the method requirements.
The method blanks were free of contamination at the reporting limits.
The associated matrix spikes and/or Laboratory Control Samples met the above stated criteria.
Exceptions to the above statements are flagged or noted above or on the QC Narrative page.
*/! Flagged analyte recoveries deviated from the QA/QC limits.

PHOENIX
Environmental Laboratories, Inc

Friday, October 26, 2012

Attn: Front Office
Eastern Analytical
25 Chenell Drive
Concord, NH 03301

Project ID: 3902
Sample ID#s: BC88214 - BC88215

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

Phyllis Shiller

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Telephone (860) 645-1102 Fax (860) 645-0823

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac
NY # 11301

Analysis Report

October 26, 2012

FOR: Attn: Front Office
Eastern Analytical
25 Chenell Drive
Concord, NH 03301

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		10/18/12	14:00
Location Code:	EASTANAL	Received by:	LB	10/24/12	10:59
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	39555				

Laboratory Data

SDG ID: GBC88214
Phoenix ID: BC88214

Project ID: 3902
Client ID: DISTILLATE

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Mercury	< 0.0002	0.0002	mg/L	10/25/12	JA	SW7470/245.1
Mercury Digestion	Completed			10/25/12	X/X	SW7470/245.1

RL/PQL=Reporting/Pratical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
October 26, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

PHOENIX
Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

Analysis Report

October 26, 2012

FOR: Attn: Front Office
Eastern Analytical
25 Chenell Drive
Concord, NH 03301

Sample Information		Custody Information		Date	Time
Matrix:	WATER	Collected by:		10/18/12	13:55
Location Code:	EASTANAL	Received by:	LB	10/24/12	10:59
Rush Request:	Standard	Analyzed by:	see "By" below		
P.O.#:	39555				

Laboratory Data

SDG ID: GBC88214
Phoenix ID: BC88215

Project ID: 3902
Client ID: FIELD BLANK

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Mercury	< 0.0002	0.0002	mg/L	10/25/12	JA	SW7470/245.1
Mercury Digestion	Completed			10/25/12	X/X	SW7470/245.1

RL/PQL=Reporting/Pratical Quantitation Level (Equivalent to NELAC LOQ, Limit of Quanitation) ND=Not Detected
BRL=Below Reporting Level

Comments:

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.
This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller

Phyllis Shiller, Laboratory Director
October 26, 2012
Reviewed and Released by: Johanna Harrington, Project Manager

PHOENIX

Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

ACCREDITED IN ACCORDANCE WITH nelac NY # 11301

QA/QC Report

October 26, 2012

QA/QC Data

SDG I.D.: GBC88214

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 212427, QC Sample No: BC88495 (BC88214, BC88215)												
Mercury - Water	BRL	<0.0002	<0.0002	NC	98.3	99.3	1.0	97.8	100	2.2	70 - 130	20

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference
LCS - Laboratory Control Sample
LCSD - Laboratory Control Sample Duplicate
MS - Matrix Spike
MS Dup - Matrix Spike Duplicate
NC - No Criteria
Intf - Interference

Phyllis Shiller

Phyllis Shiller, Laboratory Director
October 26, 2012

Friday, October 26, 2012

Requested Criteria: None

State: NH

Sample Criteria Exceedences Report

GBC88214 - EASTANAL

SampNo	Acode	Phoenix Analyte	Criteria	Result	RL	Criteria	RL Criteria	Analysis Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

CHAIN-OF-CUSTODY RECORD

eastern analytical
professional laboratory services

2 ouk
LL

11

EAI SRB# **115267**

Sample ID	Date Sampled	Matrix	aParameters	Sample Notes
Distillate	10/18/2012 14:00	aqueous	Mercury Cold Vapor (Phoenix)	88214
Field Blank	10/18/2012 13:55	aqueous	Mercury Cold Vapor (Phoenix)	88215

EAI SRB# **115267** Project State: NH

Project ID: 3902

Company Phoenix Environmental Labs

Address 587 East Middle Turnpike

Address Manchester , CT 06040

Account #

Phone # (860) 645-1102

Fax Number 860 645-0823

Results Needed by: Preferred date Std

QC Deliverables

☐ A ☐ A+ ☒ B ☐ B+ ☐ C ☐ P

Notes about project:

Email pdf of results and invoice to customerservice@eailabs.com.

Eastern Analytical Inc. PO Number: 39555

Please call prior to analyzing, If RUSH surcharges will be applied.

Samples Collected by:

Relinquished by	Date/Time	Received by
[signature]	10/23/12 1530	UPS
UPS	10/24/12 10:57	[signature]
Relinquished by	Date/Time	Received by

Eastern Analytical, Inc. 25 Chenell Dr. Concord, NH 03301 Phone: (603)228-0525 1-800-287-0525 Fax: (603)228-4591

Page 1 of 1

CHAIN-OF-CUSTODY RECORD

115267

12

BOLD FIELDS REQUIRED. PLEASE CIRCLE REQUESTED ANALYSIS.

SAMPLE I.D.	SAMPLING DATE/TIME *IF COMPOSITE, INDICATE BOTH START & FINISH DATE/TIME	MATRIX (SEE BELOW)	GRAB/*COMPOSITE	VOC: 524.2 524.2 BTEX / 524.2 MTBE ONLY	8260B 624 / VOCs 1, 4 DIOXANE / EDB DBCP	8021B BTEX HALOS	8015B GRO MEGRO MAYPH	SVOC: 8270D 625 / SVOCs ABN A BN PAH	TPH8100 L1 L2	8015B DRO MEDRO MAEPH	PEST 608 / PEST 8081A PCB 608 / PCB 8082	OIL & GREASE 1664 TPH 1664	TCLP: TCLP 1311 / VOC PEST ABN METALS / HERB	DISSOLVED METALS (LIST BELOW)	TOTAL METALS (LIST BELOW)	INORGANICS: TSS TDS SPEC. CON.	Br NO_2 / Cl F NO_3 SO_4 NO_2NO_3	BOD CBOD T. ALK.	TKN NH_3 T. PHOS. O. PHOS.	pH T. RES. CHLORINE N(T)	COD PHENOLS TOC DOC	TOTAL CYANIDE TOTAL SULFIDE	REACTIVE CYANIDE REACTIVE SULFIDE	MICRO: TOTAL COLIFORM / FECAL COLIFORM E. COLI	ENTEROCOCCI	HETEROTROPHIC PLATE COUNT	OTHER	# OF CONTAINERS	NOTES MEOH VIAL #
Distillate	10/18/2012 2:00pm	WW	G												X		X											4	

MATRIX: A-AIR; S-SOIL; GW-GROUND WATER; SW-SURFACE WATER; DW-DRINKING WATER; WW-WASTE WATER

PRESERVATIVE: H-HCL; N-HNO_3; S-H_2SO_4; Na-NaOH; M-MEOH

PROJECT MANAGER: Paul Pepler

COMPANY: GZA GeoEnvironmental, Inc.

ADDRESS: 380 Harvey Road

CITY: Manchester STATE: NH ZIP: 03103

PHONE: 603-232-8717 EXT.:

FAX:

E-MAIL: paul.pepler@gza.com

SITE NAME: PSNH- MK

PROJECT #:

STATE: (NH) MA ME VT OTHER:

REGULATORY PROGRAM: NPDES: RGP POTW STORMWATER OR GWP, OIL FUND, BROWNFIELD OR OTHER:

QUOTE #: PO #:

DATE NEEDED: Standard TAT

QA/QC REPORTING LEVEL

A B C

OR

PRESUMPTIVE CERTAINTY

REPORTING OPTIONS

PRELIMS: (YES) OR NO

IF YES: FAX OR PDF

ELECTRONIC OPTIONS

NO FAX E-MAIL (PDF) EQUIS

TEMP. 4.1 °C

ICE? (YES) NO

SAMPLER(S): Paul Pepler, GZA

RELINQUISHED BY:	DATE:	TIME:	RECEIVED BY:
Paul Pepler	10/19/12	11:00	FP
FP	10/19/12	12:00	[illegible]

METALS: 8 RCRA 13 PP FE, MN PB, CU As, Cr, Pb, Se, Hg (cv), Na

OTHER METALS:

DISSOLVED METALS FIELD FILTERED? YES NO

NOTES: (IE: SPECIAL DETECTION LIMITS, BILLING INFO, IF DIFFERENT)

FIELD pH: 7.99

PLEASE PERFORM METALS ANALYSIS INHOUSE (As, Cr, Pb, Se, Na)

Field Blank 10/18/12 1:55pm Required with Hg.

SITE HISTORY:

SUSPECTED CONTAMINATION:

FIELD READINGS:

PA- 10/20/12

eastern analytical, inc. 25 CHENELL DRIVE | CONCORD, NH 03301 | TEL: 603.228.0525 | 1.800.287.0525 | FAX: 603.228.4591 | E-MAIL: CUSTOMER_SERVICE@EAILABS.COM | WWW.EAILABS.COM

professional laboratory services

(WHITE: ORIGINAL GREEN: PROJECT MANAGER)