



Connecticut Department of Energy and Environmental Protection
Emergency Response and Spill Prevention Division
Emergency Incident Report

Case No.: 2013-02211

Staff Receiving Call: 205 COX, MICHAEL

Assigned To: 938 SCALORA, RICH

Date Reported: 05/09/2013

Time Reported: 12:21

Date of Release: 05/09/2013

Time of Release: UNKNOWN

Town of Release: HARTFORD

State of Release: CT

Location of Reported Release: 517 PARK STREET

Reported By: GUS ESPINOZA

Phone: (860) 490-4076

Ext:

Representing: CITY OF HARTFORD

Responsible Party: UNK

Phone:

Street Address:

Town:

State:

Zip Code:

Does the Responsible Party Accept Financial Responsibility? YES

Release Type: CHEMICAL

Release Substance: possible chromium

Media: INSIDE BUILDING

Total Quantity: 0 Gallons 0 Cubic Yards 0 Cubic Feet 0 Drums 0 Pounds

Emergency Measures: substance seeping up from ground surface and walls appear to turn yellow

Has the Release Been Terminated?: NO

Type of Waterbody Affected: UNK

Name of Waterbody Affected:

Total Quantity Recovered: 0

Total Quantity in Water: 0

Corrective Actions Taken: INVESTIGATED

Discharge Class: COMMERCIAL

Cause of Incident: UNK

Agencies Notified: DEP DISPATCH

Status: OPEN



Connecticut Department Of Energy & Environmental Protection
 Bureau of Materials Management & Compliance Assurance
 Emergency Response and Spill Prevention Division - Emergency Response Unit
 79 Elm Street
 Hartford, CT 06106

5/15/2012

EMERGENCY INCIDENT FIELD REPORT
INTERIM

INCIDENT INFORMATION							
Case #:	13-02211	Date Reported:	5/9/13	Time Reported:	1221 hrs	Assigned By:	SERC 934
Reported by:	Gus Espinoza	Representing:	City of Hartford	Phone #(s)	860-490-4076		
Assigned to:	938	Additional ERC's On-scene:	ERC I # 939 SERC # 937				
Location of Reported Release:							
Address:	In the rear of # 517 Park St			Town, ST Zip	Hartford 06106		
Property Owner:							
Name 1:	Garrox Investments LLC (Former Allied Plating Company)						
Address:	207 Wethersfield Ave			Town, ST Zip	Hartford 06114		
Phone #(s):				Contact Name:	Roxana Garcia (manager)		
Did the release affect more than one property? If yes, complete next section:							
Name 2:	Stephanie Properties LLC (#517-#523 Park St)						
Address:	15 Webster St			Town, ST Zip	Hartford 06114		
Phone #(s):	860-713-8535			Contact Name:	Maynor Martinez		
Name 3:	N/A						
Address:				Town, ST Zip			
Phone #(s):				Contact Name:			
Responsible Party Information							
Is the Responsible Party Known?	Yes	If "No", explain in Narrative section of this report					
RP:	Garrox Investments LLC (Former Allied Plating Company)						
Address:	SAA			Town, ST Zip			
Phone #(s):				Contact Name:			
Financial Responsibility Accepted?	No	Date accepted:	N/A	Time Accepted:	N/A		
Responsibility Accepted or Denied by Whom:	N/A						
Release Information							
Release Substance:	Hexavalent Chromium RCRA Metals (see attached analytical)						
Date of Release:	Unknown			Time of Release:	Unknown		
Release Status On Arrival:	Historic	X	On-going	X			
	Terminated		No Release				

		Other: (Explain)								
Quantity of Release:	?	Gallons	X	Pounds	X	Tons		Ounces		
		CuYd		Cu Feet		55 gal Drums		Containers		
		Other (explain)								
Media Affected:	Air			Ground Soil	X					
	Ground Surface		X	Ground Water	X					
	Surface Water			Inside Structure	X					
	Contained to Container			Other (explain)						
Water Body Affected:	None			River		Pond				
	Brook/Stream			LIS		Catch Basin				
	Ground Water		X	Sanitary		Floor Drain				
	Drywell			Other Explain						
Name of Water Body Affected:		Ground Water								
Product Recovery:	Total Quantity Recovered:				None					
	Total Quantity in Water Body:				Unknown					
	Quantity Recovered from Water Body:				None					
FOSC Coordination										
Is this an OPA-90 Case?		No		Is the Release Threatening or Impacting a Navigable Waterway?				No		
Describe Nexus:										
NRC Dispatcher				NRC #		Date:		Time:		
FOSC:	USEPA				Date:		Time:			
	USCG				Date:		Time:			
Federal Coordination indicating actions taken are consistent with the National Contingency Plan is attached:							Yes		No	
Transportation Information										
Transportation Incident? Y/N		No								
Type:			State		Registration				State	Registration
	Tractor						Trailer			
	Passenger Vehicle						Vessel			
	Straight Truck						Other, Explain			
VIN:										
Commercial Vehicle		ICC #:				MCC#:				
		USDOT#:								
Vehicle Owner:		N/A								
Address:						Town, ST Zip				
Phone #(s):						Contact Name:				
Vehicle Operator:		N/A				Drivers License Number:				
Address:						Town, ST Zip				
Phone #(s):										
CSP Press Release Report Attached: Y/N		No		Trooper's Name & Badge #:		N/A				
If no, Explain:		No State Police Involvement								

Environmental Clean-Up Contractor Information										
State Licensed Contractor Retained Y/N?				Not as of this report						
Name of Contractor Retained:				N/A						
Hired by Whom (Who actually called the contractor):				N/A						
Date & Time Requested:		N/A			Date & Time Arrived:		N/A			
Mitigation Equipment		Sea / Sorbent Boom		Sorbent Pads		Sweeper				
		# of Vac Trucks		Speedy Dry		Level A				
		Boat		Hand Tools		Level B				
		Over pack/Drums		Roll-Off		Level C				
		Excavation Equipment		Other						
Agencies Involved and Reports Available										
Agencies Involved				On Scene	Report			On Scene	Report	
		Local FD			X	Local FMO			X	
		Local PD				State FMO				
		CSP				FBI				
		Local Health		X		State Health		X		
		EPA			X	USCG				
Consultant (Name)										
Other DEEP employees on-scene (name & phone #):				ERC I # 939 SERC # 937						
Evidence Available On This Incident										
Photographs of Scene? Y/N		Yes	Taken by:	ERC II # 938		Submitted? Y/N		Yes		
Video Tape of Scene? Y/N		No	Taken by:	N/A		Submitted? Y/N		No		
Sketch of Scene Submitted Y/N		Yes	Invoice Submitted Y/N	No	Map of Scene Submitted Y/N		Yes			
Samples		Samples Taken? Y/N		Yes	Taken By:		ERC II # 938			
		Analytical Results Attached? Y/N		Yes	Date Taken:		Various			
		Laboratory Performing Analysis?		Phoenix			Chain Of Custody? Y/N		Yes	
		Split Samples: Y/N		No	Spilt With Whom:		N/A			
		Analysis Required:		Hex Chrome, RCRA 8 metals						
Cost Recovery Information										
Spill Fund Authorized? Y/N		No	Authorized by:	N/A	Date & Time:	N/A	Release Letter Received:			
Whom did you give the "RP Handout" to?			N/A							
Was there a witness? Y/N		N/A	If yes, Name & Phone # of Witness(s):							
Whom did you Fax the "RP Handout" to						Fax Transmission Submitted Y/N				
Explain any statements made by RP as to the assumption of responsibility:										
Explain efforts by DEP to have RP perform clean up (include dates, times, DEP staff, party contacted, witness(s) if any):										
Do you know of any violations, negligence, or intentional acts that may have contributed to this incident?							No	If yes, Explain:		

ERU Internal Safety and Health Critique

Were there any Safety &/or Health problems encountered during the response? Y/N	No	If yes, notify your Supervisor ASAP.
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Case Status of Incident

Case Open? Yes / No	Yes	Case Closed? Date Closed:	No
Case Referred?	Yes	If yes, to which program(s)?	Remediation CT DPH
Date that the on-scene work completed:			N/A
Report Author:	Richard J. Scalora ERC II 938	Date:	7/9/13

Signature of Case Emergency Response Coordinator: _____

FIELD REPORT NARRATIVE:

The Connecticut Department of Energy & Environmental Protection Emergency Response Unit (CT DEEP ERU) was requested for on May 9th 2013 for a potential hexavalent chromium release in the rear of # 517 Park St. The city of Hartford License and Inspection Unit was on a routine inspection and observed what was described as a yellow stain on the soil around the former Allied Plating Company which adjoins the property they were inspecting.

Observations

Upon arrival ERC II #938 observed as reported a large industrial building in various states of disrepair and vacant behind # 511- #523 Park St. which are two separate buildings. The initial report made by Gus Espinoza from Hartford License and Inspection that he believed that may be contamination in the basements of # 511- #523 Park St. was not clearly conveyed to this inspector. ERC II # 938 observed a yellow staining immediately around the exterior of the former Allied Plating Company but was unaware that the same color material was leeching into the basement of # 517 Park St. During the investigation, Ross Bunnell from DEEP WPLR informed that this property was already in their program being overseen by Lee Suarez. At this point, due to the historic nature of the release, it was decided to leave the case in WPLR.

On 7/3/13, a subsequent call from Jackie Holiday, DEEP Environmental Justice, and Lee Suarez, DEEP WPLR, indicated that the material was at risk of mobilizing off the property and Mike Fuschi from the City of Hartford Licensing and Inspection Division was requesting guidance. SERC Chandler and I responded to the site. The City contracted with their emergency response contractor to secure the property and the adjoining parking lots with a fence. A sample was taken by DEEP ERU and sent to Phoenix Laboratory for analysis of Hexavalent Chromium and RCRA 8 Metals. The results are attached which indicate Hexavalent Chromium and 6 of the RCRA 8 Metals were present above the reporting criteria.

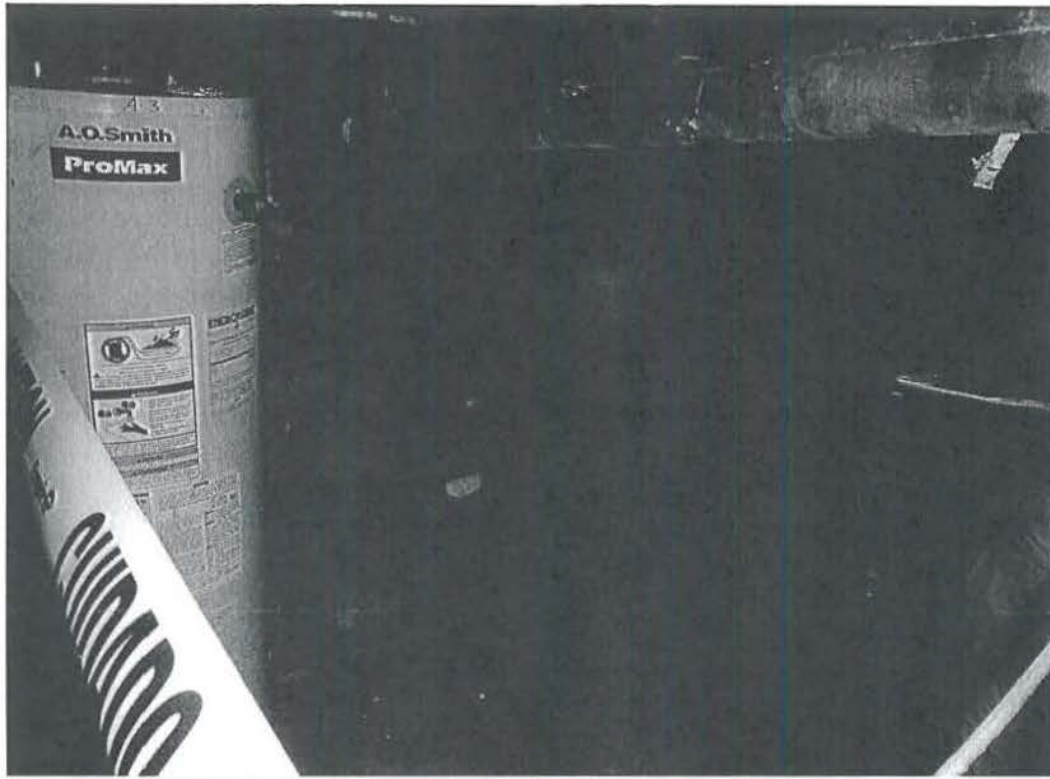
On 7/5/13, I met with the City of Hartford Licensing and Inspection and their contractors who were bidding on the demolition of the structure to provide guidance on the demolition and waste handling requirements.

On 7/8/13, I met Edith Pestana, DEEP Environmental Justice, and discovered the basement of #517- 523 Park St. had yellow staining on the floor in areas near cracks in the floor that also had signs of water staining.

On 7/9/13, SERC Chandler and I met with Gary Ginsberg and others from CT DPH Toxicology as well as City of Hartford DPH. Samples were taken in the Basements of # 511- #523 Park St.

Corrective Actions

Photographs of the Incident - Case # 2013-02211

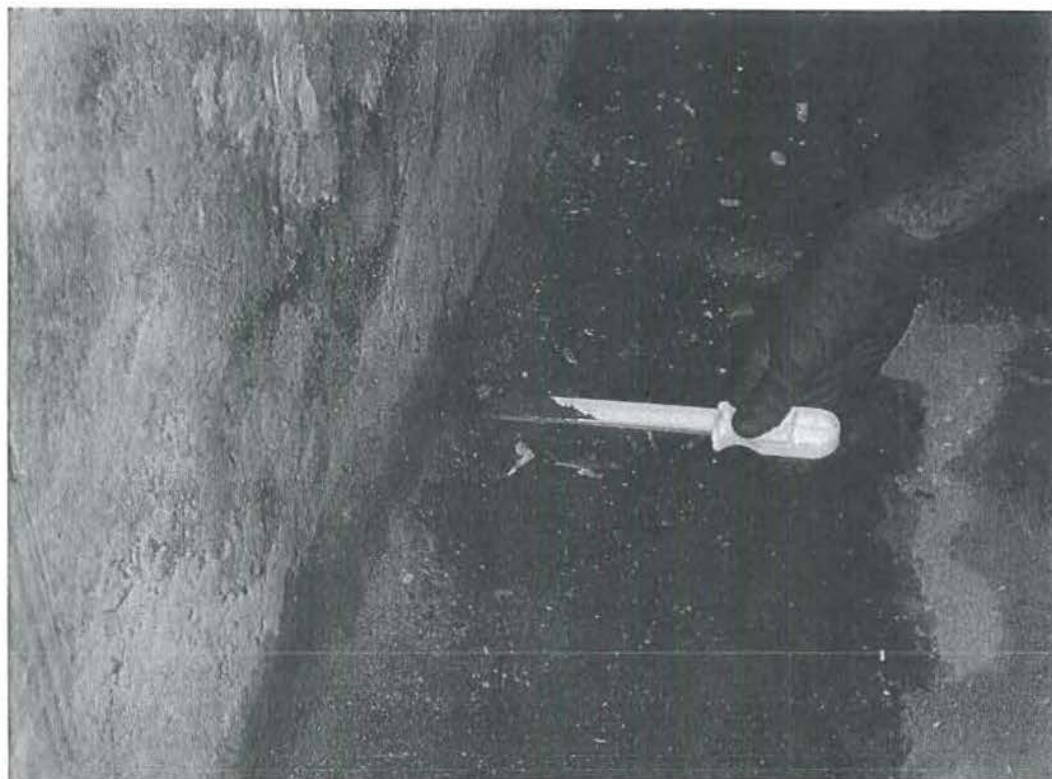


Picture # of
Taken By: ERCII #938
Date:
Description:
Basement of # 517-
523 Park St. Yellow
stains observed on
Brownstone
foundation.

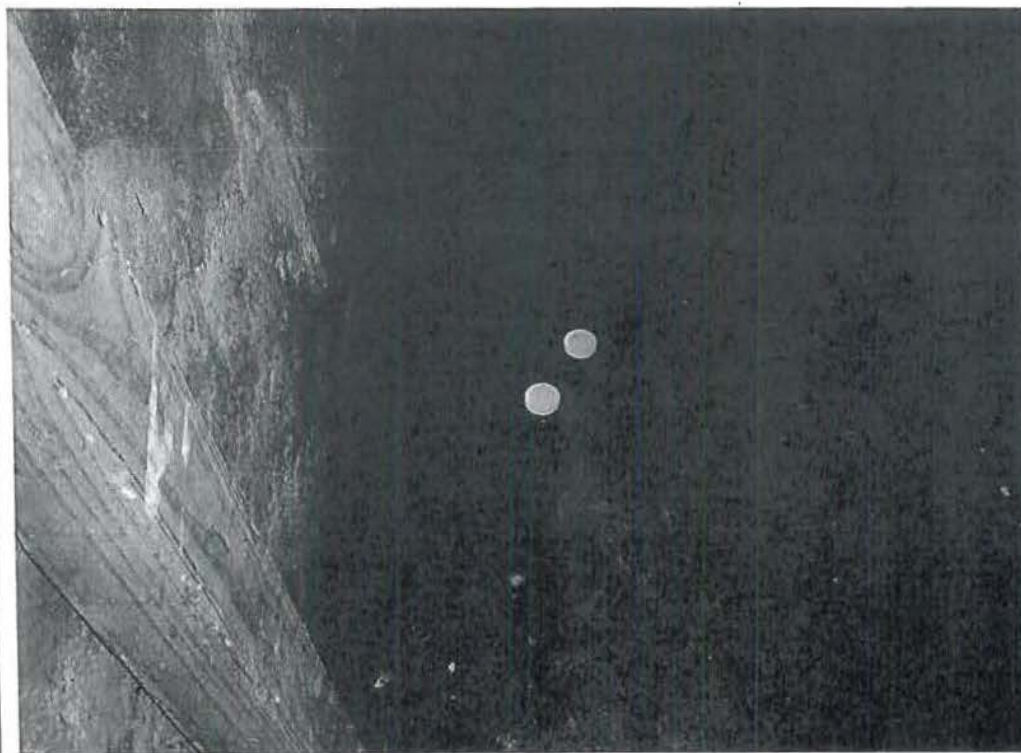


Picture # of
Taken By: ERC#938
Date:
Description:
Water
infiltration in basement
of # 517-# 523 Park St
which leaves residue
stains on concrete floor.

Photographs of the Incident - Case # 2013-02211

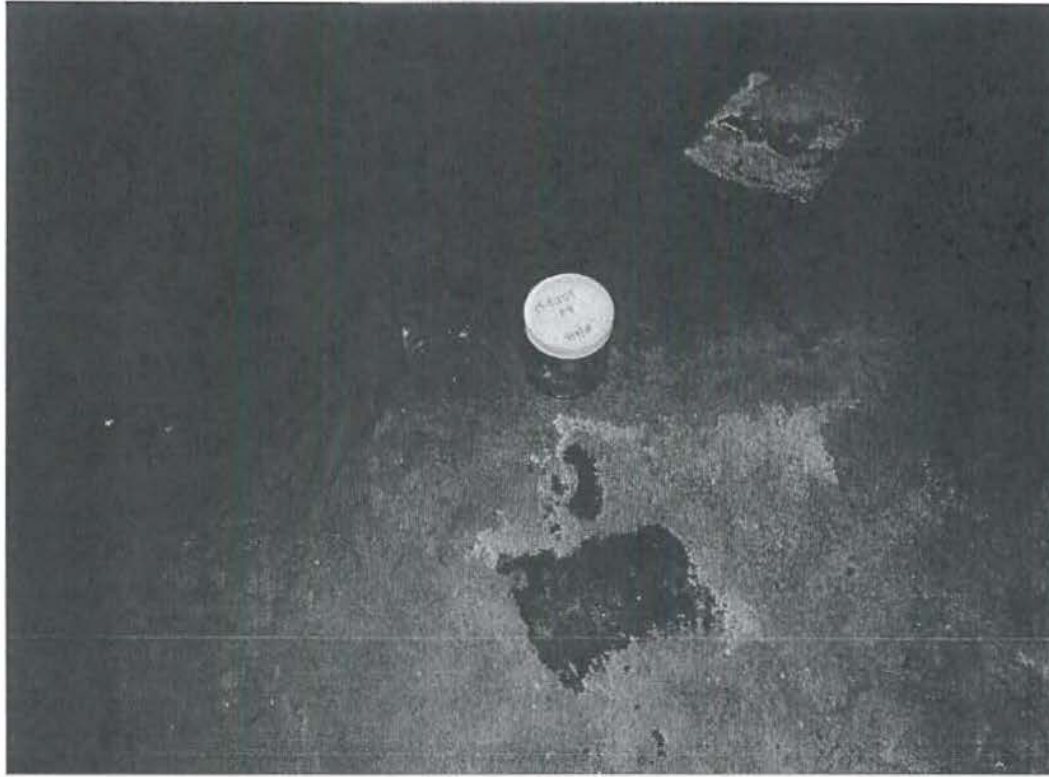


Picture # of
Taken By: ERCII #938
Date:
Description:
Soil sample collected
from # 511 Park St
basement.



Picture # of
Taken By: ERC#938
Date:
Description:
Soil sample and
wipe samples collected
from basement of # 511
Park St. Wet stain on
floor is area wipe
sampled.

Photographs of the Incident - Case # 2013-02211

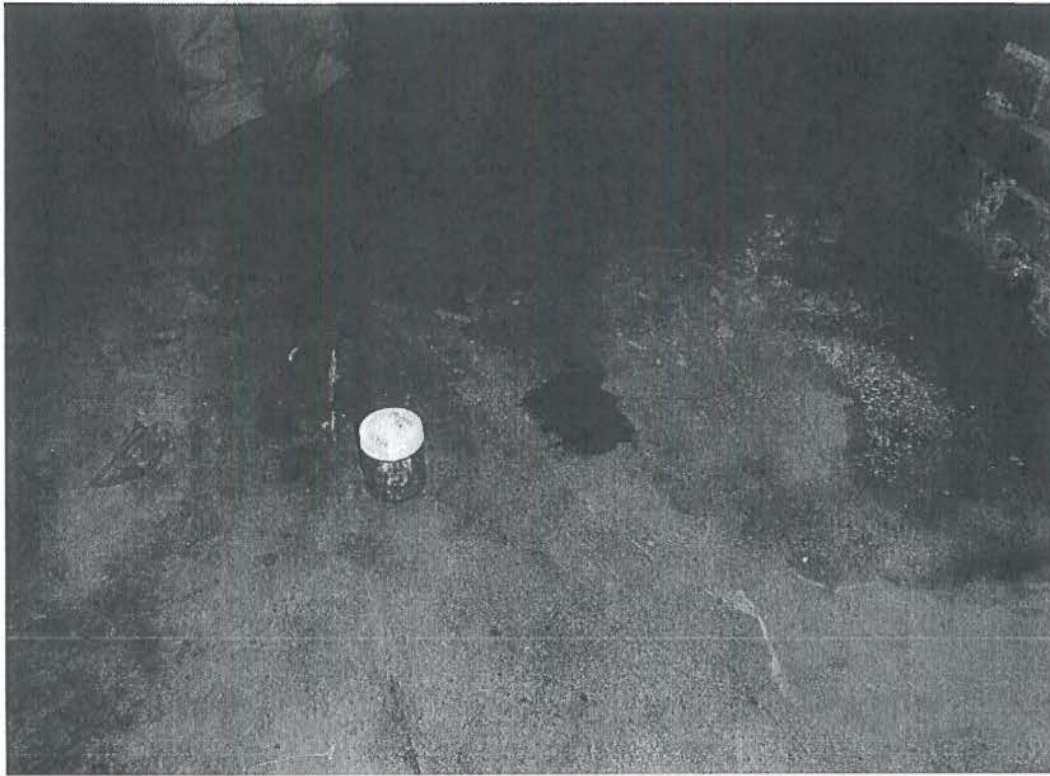


Picture # of
Taken By: ERCII #938
Date:
Description:
Basement of # 517-
523 Park St wipe
sample collected from
rear area of basement
which is closest to
former Allied Plating
property.



Picture # of
Taken By: ERC#938
Date:
Description:
Wipe sample
from basement floor of #
517-#523 Park St.
Sample location is in the
middle of the basement
next to a brick support
column.

Photographs of the Incident - Case # 2013-02211



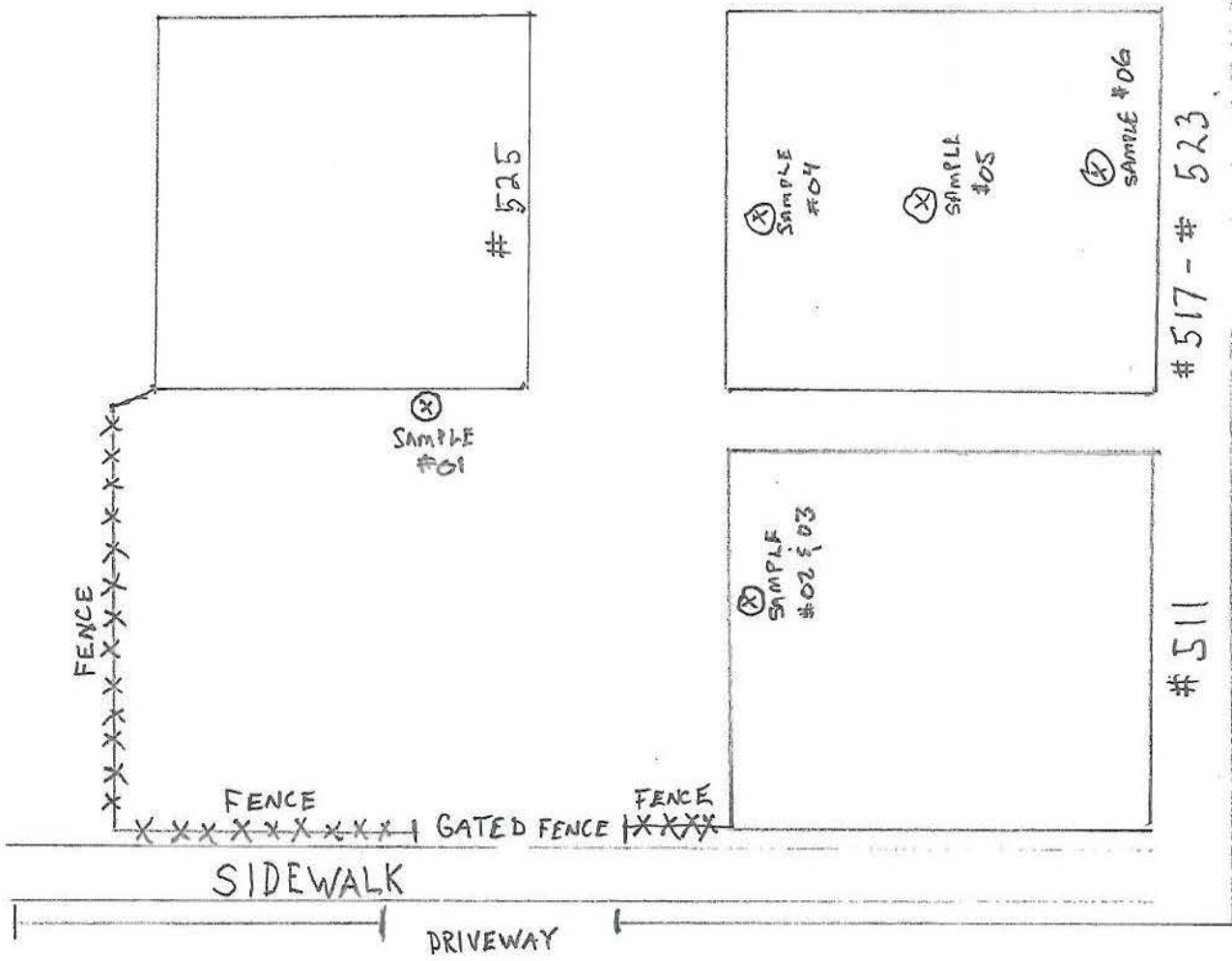
Picture # of
Taken By: ERCII #938
Date:
Description:
Wipe sample located
in the basement of #
517-# 523 Park St next
to the stairway.



Picture # of
Taken By: ERC#938
Date:
Description:
View of
basement at # 517-# 523
Park St. View is looking
from the front of the
building towards Allied
Plating property.

- Sample #01 7/3/13 Exterior of #525 Along edge of parking area
- Sample #02 7/9/13 Soil in basement of #511 rear of bldg.
- Sample #03 7/9/13 Wipe same location as #02
- Sample #04 7/9/13 Wipe basement #519 rear of bldg.
- Sample #05 7/9/13 Wipe basement #519 middle of bldg
- Sample #06 7/9/13 Wipe basement #519 Front of bldg.

← NTS →



↑ PARK ST ↓

← WOLCOTT ST →



Thursday, July 11, 2013

Attn: Mr. Rich Scalora
CT Dept. of Energy and Env. Protection
79 Elm Street
Hartford, CT 06106-5127

Project ID: 525 PARK ST HTFD
Sample ID#s: BF02756 - BF02760

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.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

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,

A handwritten signature in cursive script that reads "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



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

Analysis Report

July 11, 2013

FOR: Attn: Mr. Rich Scalora
CT Dept. of Energy and Env. Protection
79 Elm Street
Hartford, CT 06106-5127

Sample Information

Matrix: SOLID
Location Code: CT-DEP
Rush Request: 24 Hour
P.O.#:

Custody Information

Collected by: RS
Received by: SW
Analyzed by: see "By" below

Date

07/09/13
07/09/13

Time

11:29
13:35

Laboratory Data

SDG ID: GBF02756
Phoenix ID: BF02756

Project ID: 525 PARK ST HTFD
Client ID: 13-02211-02

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Percent Solid	90		%	07/09/13	JL	E160.3
Chromium, Hexavalent	< 0.44	0.44	mg/Kg	07/10/13 12:07	CL	SW3060/7196
pH - Soil	7.60	0.10	pH Units	07/09/13 20:30	DH/KDB	4500-H B/9045
Redox Potential	-39	1.0	mV	07/09/13	DH/KDB	SM2580B

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample 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, Laboratory Director

July 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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

Analysis Report
 July 11, 2013

FOR: Attn: Mr. Rich Scalora
 CT Dept. of Energy and Env. Protection
 79 Elm Street
 Hartford, CT 06106-5127

Sample Information

Matrix: WIPE
 Location Code: CT-DEP
 Rush Request: 24 Hour
 P.O.#:

Custody Information

Collected by: RS
 Received by: SW
 Analyzed by: see "By" below

Date Time

07/09/13 11:33
 07/09/13 13:35

Laboratory Data

SDG ID: GBF02756
 Phoenix ID: BF02757

Project ID: 525 PARK ST HTFD
 Client ID: 13-02211-03

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Chromium, Hexavalent	< 0.001	0.001	mg	07/10/13	CL	S3500CRD

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director
 July 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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Analysis Report

July 11, 2013

FOR: Attn: Mr. Rich Scalora
 CT Dept. of Energy and Env. Protection
 79 Elm Street
 Hartford, CT 06106-5127

Sample Information

Matrix: WIPE
 Location Code: CT-DEP
 Rush Request: 24 Hour
 P.O.#:

Custody Information

Collected by: RS
 Received by: SW
 Analyzed by: see "By" below

Date Time

07/09/13 11:52
 07/09/13 13:35

Laboratory Data

SDG ID: GBF02756
 Phoenix ID: BF02758

Project ID: 525 PARK ST HTFD
 Client ID: 13-02211-04

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Chromium, Hexavalent	6.7	0.10	mg	07/10/13	CL	S3500CRD

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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Analysis Report

July 11, 2013

FOR: Attn: Mr. Rich Scalora
CT Dept. of Energy and Env. Protection
79 Elm Street
Hartford, CT 06106-5127

Sample Information

Matrix: WIPE
Location Code: CT-DEP
Rush Request: 24 Hour
P.O.#:

Custody Information

Collected by: RS
Received by: SW
Analyzed by: see "By" below

Date

07/09/13 11:54
07/09/13 13:35

Time

Laboratory Data

SDG ID: GBF02756
Phoenix ID: BF02759

Project ID: 525 PARK ST HTFD
Client ID: 13-02211-05

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Chromium, Hexavalent	0.007	0.001	mg	07/10/13	CL	S3500CRD

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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Phyllis Shiller, Laboratory Director

July 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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Analysis Report
July 11, 2013

FOR: Attn: Mr. Rich Scalora
CT Dept. of Energy and Env. Protection
79 Elm Street
Hartford, CT 06106-5127

Sample Information

Matrix: WIPE
Location Code: CT-DEP
Rush Request: 24 Hour
P.O.#:

Custody Information

Collected by: RS
Received by: SW
Analyzed by: see "By" below

Date Time

07/09/13 12:04
07/09/13 13:35

Laboratory Data

SDG ID: GBF02756
Phoenix ID: BF02760

Project ID: 525 PARK ST HTFD
Client ID: 13-02211-06

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Chromium, Hexavalent	0.004	0.001	mg	07/10/13	CL	S3500CRD

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

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

July 11, 2013

Reviewed and Released by: Rashmi Makol, Project Manager



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Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

July 11, 2013

QA/QC Data

SDG I.D.: GBF02756

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 239727, QC Sample No: BF02756 (BF02756)												
Hex Chromium - Solid												
Hexavalent Cr	BRL	<0.44			97.0						70 - 130	30
Insoluble Cr					110			90.8			70 - 130	30
Soluble Cr					97.7			42.2			70 - 130	30 m

m = This parameter is outside laboratory ms/msd specified recovery limits.



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QA/QC Report

July 11, 2013

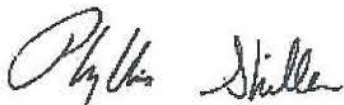
QA/QC Data

SDG I.D.: GBF02756

Parameter	Blank	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 239623, QC Sample No: BF03218 (BF02756)												
pH - Soil		8.42	8.46	0.50	95.7						85 - 115	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, Laboratory Director
July 11, 2013

Thursday, July 11, 2013

Sample Criteria Exceedences Report

GBF02756 - CT-DEP

Requested Criteria: None

State: CT

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

Reasonable Confidence Protocol Laboratory Analysis QA/QC Certification Form

Laboratory Name: Phoenix Environmental Labs, Inc. **Client:** CT-DEP

Project Location: 525 PARK ST HTFD **Project Number:**

Laboratory Sample ID(s): BF02756, BF02757, BF02758, BF02759, BF02760

Sampling Date(s): 7/9/2013

RCP Methods Used:

1311/1312 6010 7000 7196 7470/7471 8081 EPH TO15
 8082 8151 8260 8270 ETPH 9010/9012 VPH

1.	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the CT DEP method-specific Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1a.	Were the method specified preservation and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1b.	EPH and VPH methods only: Was the VPH or EPH method conducted without significant modifications (see section 11.3 of respective RCP methods)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
2.	Were all samples received by the laboratory in a condition consistent with that described on the associated Chain-of-Custody document(s)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3.	Were samples received at an appropriate temperature (< 6 Degrees C)?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> NA
4.	Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? See Section: Soil Hex Chromium Narration.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5a.	Were reporting limits specified or referenced on the chain-of-custody?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5b.	Were these reporting limits met?	<input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> NA
6.	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the Reasonable Confidence Protocol documents?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA
7.	Are project-specific matrix spikes and laboratory duplicates included in the data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> NA

Note: For all questions to which the response was "No" (with the exception of question #5a, #7), additional information must be provided in an attached narrative. If the answer to question #1, #1A or 1B is "No", the data package does not meet the requirements for "Reasonable Confidence".

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete.

Authorized
Signature: _____

R. Makol

Date: Thursday, July 11, 2013

Printed Name: Rashmi Makol

Position: Project Manager



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



RCP Certification Report

July 11, 2013

SDG I.D.: GBF02756

Soil Hex Chromium Narration

Were all QA/QC performance criteria specified in the Reasonable Confidence Protocol documents achieved? No.

QC Batch 239727 (Samples: BF02756): -----

The LCS/LCSD recovery is acceptable. One or more analytes in the site specific matrix spike recovery is below the method criteria, therefore a low bias is likely. (Soluble Cr)

Instrument: Spect 07/10/13-1 (BF02756)

The initial calibration met criteria, the calibration "r" > 0.995

Three LCS solutions were evaluated and reported:

The hexavalent Chromium LCS does not require digestion and is used as a continuing calibration standard.

The insoluble and soluble spikes (LCS) monitor the performance of the extraction.

The insoluble and soluble matrix spikes monitor the effect of matrix on the recoveries of hexavalent chromium.

Some matrix spike recoveries may be outside of the acceptance criteria of 75-125, however the corresponding LCSs are within control. No further action is required, but a sample matrix bias is suspected.

Printed Name Cynde Langille

Position: Chemist

Date: 7/10/2013

QC (Site Specific)

----- Sample No: BF02756, QA/QC Batch: 239727 -----

All LCS recoveries were within 70 - 130 with the following exceptions: None.

All MS recoveries were within 70 - 130 with the following exceptions: Soluble Cr(42.2%)

A matrix effect is suspected when a MS/MSD recovery is outside of criteria. No further action is required if LCS/LCSD compounds are within criteria.

Temperature Narration

The samples in this delivery group were received at 27°C.

(Note acceptance criteria is above freezing up to 6°C)

270 N/C



CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
Email: service@phoenixlabs.com Fax (860) 645-0823

Client Services (860) 645-8726

Data Delivery (check one):

- Fax #:
- Email: richard.scalora@ct.gov
- Format: Excel PDF Gis Key

Customer: State of CT DEEP ERU
 Address: 79 Elm St.
Hartford 06106

Project: 525 Park St Htfd
 Report to: Rich Scalora
 Invoice to: State of CT DEEP ERU

Project P.O.: _____
 Phone #: _____
 Fax #: _____

Client Sample - Information - Identification

Sampler's Signature: [Signature] Date: 7/9/13

Analysis Request

Hex-Chromium

Matrix Code:

DW=drinking water WW=wastewater S=soil/solid O=Oil
 GW=groundwater SL=sludge A=air X=Other wipe

Item #	Phoenix Sample #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled
	02756	13-02211-02	S	7/9	1129
	02757	" - 03	X	↓	1133
	02758	" - 04	X	↓	1152
	02759	" - 05	X	↓	1154
	02760	" - 06	X	↓	1204

- Soil VOA Via [] methano [] Sod Bisulfate
- GL Soil container (4) oz
- GL Soil container () oz
- 40 ml VOA Via [] As is [] HCl
- GL Amber 1000ml [] As is [] H2SO4
- PL As is [] 250ml [] 500ml [] 1000ml
- PL H2SO4 [] 250ml [] 500ml
- PL HNO3 250ml
- Bacteria Bottle

Relinquished by: [Signature]

Accepted by: [Signature]

Date: 7/9/13 Time: 1335

- Turnaround:
- 1 Day*
 - 2 Days*
 - 3 Days*
 - Standard
 - Other

- Requirements for CT/RI
- Res. Criteria
 - GW Protection
 - GA Mobility
 - GB Mobility
 - SW Protection
 - Res. Vol.
 - Ind. Vol.
 - RCP Certification

- Requirements for MA
- GW-1
 - GW-2
 - GW-3
 - S-1
 - S-2
 - S-3
 - MCP Certification
 - Other

Comments, Special Requirements or Regulations:

* Surcharge Applies



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

Draft Progress Report

July 05, 2013

FOR: Attn: Mr. Rich Scalora
CT Dept. of Energy and Env. Protection
79 Elm Street
Hartford, CT 06106-5127

Sample Information

Matrix: SOIL
Location Code: CT-DEP
Rush Request: 24 Hour
P.O.#:

Custody Information

Collected by:
Received by: SW
Analyzed by: see "By" below

Date

07/03/13 11:50
07/03/13 13:53

Time

Laboratory Data

SDG ID: GBF00813
Phoenix ID: BF00813

Project ID: 525 PARK ST HTFD
Client ID: 13-02211-01

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
Silver	< 0.50	0.50	mg/Kg	07/05/13	LK	SW6010
Arsenic	1.1	0.8	mg/Kg	07/05/13	LK	SW6010
Barium	94.2	0.39	mg/Kg	07/05/13	LK	SW6010
Cadmium	3.67	0.39	mg/Kg	07/05/13	LK	SW6010
Chromium	11300	39	mg/Kg	07/05/13	LK	SW6010
Mercury	0.15	0.07	mg/Kg	07/05/13	RS	SW-7471
Lead	850	3.9	mg/Kg	07/05/13	LK	SW6010
Selenium	< 1.6	1.6	mg/Kg	07/05/13	LK	SW6010
Percent Solid	86		%	07/04/13	JL	E160.3
Chromium, Hexavalent	10300	186.05	mg/Kg	07/05/13 11:08	CL	SW3060/7196
pH - Soil	7.86	0.10	pH Units	07/03/13 19:30	DH/KDB	4500-H B/9045
Redox Potential	-25	1.0	mV	07/03/13	DH/KDB	SM2580B
Mercury Digestion	Completed			07/05/13	X/X	SW7471
Total Metals Digest	Completed			07/03/13	Z/AG	SW846 - 3050

Parameter	Result	RL/ PQL	Units	Date/Time	By	Reference
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RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

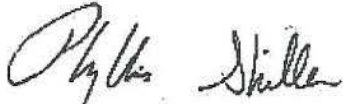
Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample 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.

PLEASE NOTE: THIS PROGRESS REPORT IS CONSIDERED PRELIMINARY DATA. THE RESULTS ENTERED HAVE NOT BEEN EXAMINED BY OUR QA/QC DEPARTMENT.



Phyllis Shiller, Laboratory Director

July 05, 2013

Friday, July 05, 2013

Sample Criteria Exceedences Report

Page 1 of 1

Requested Criteria: None

GBF00813 - CT-DEP

State: CT

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

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: info@phoenixlabs.com Fax (860) 645-0823
 Client Services (860) 645-8726

Coolant: Yes No
 IPK ICE

Temp: 21 C 7g of

Contact Options:

Fax: _____
 Phone: _____
 Email: Richard.Scalora@ct-907

Customer: State of CT DEEP ERU
 Address: 79 Elm St.
Hadd Ct. 06106

Project: 525 Park St. Hadd
 Report to: Rich Scalora
 Invoice to: State of CT DEEP ERU

Project P.O.: _____

This section MUST be completed with Bottle Quantities.

Client Sample Information - Identification
 Sampler's Signature: [Signature] Date: 07/03/13
 Matrix Code:
 DW=Drinking Water GW=Ground Water SW=Surface Water WW=Waste Water
 RW=Raw Water SE=Sediment SL=Sludge S=Soil SD=Solid W=Wipe
 OIL=Oil B=Bulk L=Liquid

Analysis Request

<p><u>PLRA8</u> <u>Hexachromium</u></p>					Soil VOA 190s [1ml/anal] [H2O]	<input type="checkbox"/>
					GL Sol combiner [4] [Ice]	<input type="checkbox"/>
<p><u>PL #6 151</u> <u>PL #29004</u> <u>PL #1403 450ml</u> <u>PL #60M 250ml</u> <u>Barium Sulfate</u></p>					GL Sol combiner [4] [Ice]	<input type="checkbox"/>
					GL Amber 1000ml [190s] [H2O]	<input type="checkbox"/>
<p><u>PL #6 151</u> <u>PL #29004</u> <u>PL #1403 450ml</u> <u>PL #60M 250ml</u> <u>Barium Sulfate</u></p>					PL #6 151 [250ml] [1800ml] [1800ml]	<input type="checkbox"/>
					PL #29004 [250ml] [1800ml] [1800ml]	<input type="checkbox"/>
<p><u>PL #6 151</u> <u>PL #29004</u> <u>PL #1403 450ml</u> <u>PL #60M 250ml</u> <u>Barium Sulfate</u></p>					PL #6 151 [250ml] [1800ml] [1800ml]	<input type="checkbox"/>
					PL #29004 [250ml] [1800ml] [1800ml]	<input type="checkbox"/>

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled														
00813	13-02217-01	S	7/3/13	1150	X	X												

Relinquished by: [Signature] Accepted by: [Signature]
 Date: 7/3/13 Time: 13:53

RI
 Direct Exposure (Residential)
 GW
 Other

CT
 RCP Cart
 GW Protection
 SW Protection
 GA Mobility
 GB Mobility
 Residential DFC
 IC DFC
 Other

MA
 MCP Certification
 GW-1
 GW-2
 GW-3
 S-1
 S-2
 S-3
 MWRA eSMART
 Other

Data Format
 Excel
 PDF
 GIS/Key
 EQUIS
 Other

Comments, Special Requirements or Regulations:
 Turnaround:
 1 Day*
 2 Days*
 3 Days*
 Standard
 Other **ASAP**
 *SURCHARGE APPLIES

State where samples were collected: CT
 *SURCHARGE APPLIES

State where samples were collected: CT
 *SURCHARGE APPLIES

Data Package
 Tier II Checklist
 Full Data Package*
 Phoenix Std Report
 Other

Data Package
 Tier II Checklist
 Full Data Package*
 Phoenix Std Report
 Other