OTIE
Oneida Total Integrated Enterprises

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Exemption 6 Personal Privacy

October 1, 2013

Mr. Kenneth Rhame
On-Scene Coordinator
U.S. Environmental Protection Agency Region 4
Sam Nunn Atlanta Federal Center
61 Forsyth Street
Atlanta, Georgia 30303

Subject: Letter Report, Rev. 0
Derringer Drive TCE
Marshall, Buncombe County, North Carolina
Contract No. EP-W-05-053
Technical Direction Document (TDD) No.: TNA-05-003-0173

Dear Mr. Rhame:

Oneida Total Integrated Enterprises (OTIE), Superfund Technical Assessment Response Team (START) has prepared this Letter Report detailing the potable well sampling activities conducted at the Derringer Drive TCE site (the site) in support of the U.S. Environmental Protection Agency (EPA). All activities and procedures described in this document were conducted in accordance with the EPA Region 4 Science and Ecosystems Support Division (SESD) *Field Branches Quality System and Technical Procedures* (FBQSTP).

START was tasked under EPA Contract Number (No.) EP-W-05-053, TDD No. TNA-05-003-0173, to sample potable residential wells in Marshall, Buncombe County, North Carolina, and to submit the samples to a private laboratory for analysis of volatile organic compounds (VOCs). START was also tasked to document on-site conditions with written logbook notes and digital photographs, and to prepare and submit a letter report summarizing site activities and analytical results. Figures, including a topographical map and sampling locations map, are located in Attachment A. Tables summarizing the analytical results are provided in Attachment B. A copy of the logbook notes collected though the duration of the response is provided in Attachment C. Attachment D includes a copy of the laboratory analytical report for the potable well samples.

1220 Kennestone Circle, Suite 106 • Marietta, Georgia 30066 • 678-355-5550 • FAX 770-528-0167

10984813

Site Description

The Town of Marshall is located in the mountains of North Carolina, approximately 20 miles north of Asheville, on the eastern bank of the French Broad River.

The site is comprised of two recently drilled public water supply wells located off of Derringer Drive in a mixed residential and industrial area of Marshall, Madison County, North Carolina. The well to the north is known as the "Tank Site" well and is located at latitude 35.809°N, longitude 82.676°W, and the well to the south is known as the "Park Site" well and it is located at latitude 35.807°N, longitude 82.676°W. The wells were drilled by a contractor for the City of Marshal. The Tank Site well was drilled on February 24, 2012 to a depth of 720 feet. The Park Site well was drilled on March 14, 2012 to a depth of 400 feet.

Site Background

The purpose of the investigation was to collect potable well water samples from residential wells to determine the presence or absence of hazardous constituents, specifically trichloroethylene (TCE).

The investigation was initiated on June 14, 2012 when the North Carolina Department of Natural Resources (NCDENR) Superfund Section referred the site to EPA Region 4 Emergency Response and Removal Branch (ERRB). The wells were drilled in order to expand the Town of Marshall's public water supply. On March 29, 2012, samples were collected from the wells and analyzed for multiple constituents including VOCs. TCE was detected in the Tank Site well at a concentration of 32.3 micrograms per liter (µg/L), and at the Park Site well at a concentration of 34.8 µg/L. The Park Site well was resampled on May 22, 2012 and TCE was detected at 74.1 µg/L. The maximum contaminant level (MCL) for TCE set by the Safe Drinking Water Act is 5 µg/L and EPA's Region 4 Removal Management Level (RML) for TCE is 7.7 µg/L. Due to the high levels of TCE, the municipal wells were never connected to Marshall's public water supply and were permanently closed. The source of the contamination is unknown.

On June 14, 2012 NCDENR requested that EPA conduct an investigation to determine if the TCE detected in the municipal wells was impacting any residential potable water wells in the area. EPA and START mobilized to the site on June 14, 2012 to conduct the investigation.

Site Assessment Activities

On June 15, 2012, EPA and NCDENR met with High Country Engineering, the Town of Marshall's consulting engineering firm, and the Public Works Department to identify residential potable water wells in the area. Ten residences and one business were identified in the area of concern as having privately owned potable wells. The rest of the residences and businesses in the potentially affected area are supplied by the municipal water system.

On June 15 and 16, 2012, EPA and START obtained access agreements at eight of the residences and one business. One resident refused to grant access to EPA to conduct well sampling activities on their property. The eight residences and one business were sampled for VOCs on June 18, 2012. The samples were collected according to the SESD FBQSTP for potable water supply sampling (SESDPROC-3050R3). All wells were purged for a minimum of 15 minutes prior to sampling. START recorded pH, conductivity, temperature, and turbidity using a YSI 556 MPS during the purge. The samples were shipped to ENCO Labs in Cary, NC for analysis in accordance to SW846 method 8260.

Analytical results were received on June 21, 2012. All samples were non-detect for VOCs with the exception of two residential wells and the business. The two residential wells were located within 100 feet of each other and contained TCE at concentrations of 2.4 μg/L and 2.3 μ/L, respectively. Trace amounts (0.46 μg/L) of cis-1,2-dichloroethylene were also detected in one of these residential wells. TCE was detected at 1.5 μg/L in the business' supply well. None of the samples collected indicated TCE above the MCL of 5 μg/L or the RML of 7.7 μg/L, so no further action was taken at the time. The residents were notified of their sample results and plans were made to return approximately six months later to collect another round of samples.

On December 4, 2012, EPA and START returned to Marshall, NC to collect a follow-up round of samples from all of the residential wells previously sampled to determine if concentrations of TCE were increasing. EPA requested permission from all of the residents previously sampled. EPA was unable to contact one resident, so a total of seven residential well samples were collected.

Results received on December 7, 2012 indicated that both residential wells where TCE was detected in the last sampling event increased in concentration. The well that contained TCE at 2.4 μg/L increased to 5.5 μg/L, and the well that contained TCE at 2.3 μg/L increased to 3.4 μg/L. Despite the slight exceedance of the MCL of 5 μg/L, EPA is not able to take action to

mitigate ground water contamination unless at least one sample indicates contamination at or above the RML, which for TCE is 7.7 µg/L. The residents were informed of their sample results and the site was referred back to NCDENR.

NCDENR collected an additional round of residential well water samples on June 25, 2013 and the TCE concentration in the most contaminated well dropped to 2.7 µg/L. NCDENR communicated with this resident and he stated that he has connected to the City of Marshall's municipal water system.

The source of the contamination is still unknown. Since the only documented exceedance of the MCL was mitigated when the resident connected to a public water supply, no further action is required on this site.

Conclusion

The site is located off of Derringer Drive in Marshall, Madison County, North Carolina. Samples collected by START indicated that three potable wells contain concentrations of TCE at or above the MCL of 5 µg/L, but below the RML of 7.7 µg/L. The site was sampled during the winter and summer months of 2012, but seasonal variance was insufficient to warrant a response by EPA. The site has been referred to NCDENR for periodic monitoring and oversight.

If you have any questions or comments regarding this letter report or require any additional information please feel free to contact me or Greg Kowalski, START Program Manager, at 678-355-5550.

Sincerely,

Eric Morris
START Project Manager
OTIE

Reviewed by,

Limari Krebs
Editorial Reviewer
OTIE

cc:
Katrina Jones, EPA Project Officer
Darryl Walker, EPA Project Officer
OTIE START File

ATTACHMENT A

FIGURES

SOURCE: Copyright:© 2011 National Geographic Society, i-cubed

Disclaimer: This map is intended for visual orientation use only. In no way is this map to be used for precise locational use

Legend

● Contaminated Municipal Wells

0 0.25 0.5 Miles

N

United States Environmental Protection Agency

DERRINGER DRIVE TCE
MARSHALL, MADISON COUNTY,
NORTH CAROLINA

FIGURE 1
TOPOGRAPHICAL MAP

OTIE

(b) (9)

(b) (9)

(b) (9)

ATTACHMENT B

TABLES

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TABLE 1
DERRINGER DRIVE TCE
TABLE OF WITNESSES

Name	Organization	Address	Cell	Office/Home	Fax	Email
Ken Rhame	EPA-OSC	Sam Nunn Federal Center 61 Forsyth Street SW Atlanta, GA 30303	919-475-7397			rhame.kenneth@epa.gov
Andrew Potter	OTIE-START	6300 Limousine Drive Suite 130 Raleigh, NC 27616		919-788-1596	919-788-1598	apotter@otie.com
Eric Morris	OTIE-START	6300 Limousine Drive Suite 130 Raleigh, NC 27616		919-788-1596	919-788-1598	emorris@otie.com
Jamie Chandler	Town of Marshall	P.O. Box 548 Marshall, NC 28753		828-649-3031	828-649-3413	jchandler@townofmarshall.org
Jennifer Flynn	Town of Marshall	P.O. Box 548 Marshall, NC 28753		828-649-3031	828-649-3413	jflynn@townofmarshall.org
Richard Paxton	Madison County Schools	241 Derringer Drive Marshall, NC 28753		828-649-3751	828-649-9382	rpaxton@madisonk12.net
Michael Goforth	High Country Engineering	9 Stegall Lane Asheville, NC 28805		828-255-5105		
	Property Owner	Marshall, NC 28753				
	Property Owner	Marshall, NC 28753				
	Property Owner	Marshall, NC 28753				
	Property Owner	Marshall, NC 28753				
	Property Owner	Marshall, NC 28753				
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	Property Owner	Marshall, NC 28753				
	Property Owner	Marshall, NC 28753				
	Property Owner	Marshall, NC 28753				

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TABLE 2
DERRINGER DRIVE TCE
SUMMARY OF ANALYTICAL RESULTS FOR DECEMBER 2012 SAMPLES

Sample ID	Property Address	Sample Date	VOC (µg/L)		
			cis-1,2-Dichloroethylene	1,1-Dichloroethylene	Trichloroethylene
		12/4/2012	ND	ND	ND
		12/4/2012	ND	ND	ND
		12/4/2012	ND	ND	ND
		12/4/2012	0.46-J	ND	3.4
		12/4/2012	0.90-J	ND	5.5
		12/4/2012	0.82	ND	5
		12/4/2012	ND	ND	ND
		12/4/2012	ND	ND	ND

Notes: Exemption 6 Personal Privacy

* - Duplicate Sample

J - The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL).

µg/L - Micrograms per liter

ND - Note detected above the method report limit for the sample

VOC - Volatile Organic Compounds

ATTACHMENT C

LOGBOOK NOTES

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CONTENTS

PAGE	REFERENCE	DATE

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Location Marshall, NC Date 6/15/2011

Project / Client Derringer Drive

0830 - START and EPA in Marshal, NC to investigate ground water con.
- The city of Marshal drilled two Municipal wells on Derringer Dr. ~~That~~
- After the wells were drilled TCE contamination was discovered at 75 ppb.
- NCDENR was notified who referred it to EPA.

0845 - At Marshal town Hall to obtain list of addresses on well water.

Jamie Chandler - [redacted]
Town of Marshall

1030 - Michael Goforth, PE, the City's engineer is on site at city hall. Michael chose the well sites.

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Location Marshall, NC Date 6/15/2012

Project / Client Deringer Drive

- Michael said there are Three potential sources in the area near that wells.
- County Bus Depot
- Deringer-Ney- Manufacturers small electrical contacts

1345- At
Owner not present
- City provided a list from memory with Residents within 1.5 miles of the cont. wells.
- At owner arrived.
  - EPA informing resident of hazards associated with TCE
  - denied access for the present, said will reconsider over the weekend.

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Marshall, NC 6/15/2012
Deringer Drive

1430- At
- The owner is not present but will return at 1600.

1435- The resident arrived
- signed agreement.

1440- At
speaking to
- Obtained agreement from Ad

1515- At
- No answer at door, left access agreement.

1540-
left Access agreement near
- A is located ~~on~~ the property.
Stated that things
It is abandoned, but
people visit it occasionally.
It is unknown who owns it
a sample may need to be taken

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Location Marshall, NC ~~Derringer Dr~~ Date 6/15/2011

Project / Client Derringer Dr

1540 - At
- left Agreement
1545 - At
is located
on this property.
Deringer manufactors electrical
contacts. Plant Manager
stated that they do not
use solvents. They wash
parts in water only.
- stated that Avery creek
located across the street
currently is metal
fabrication. Previously
was a plating facility
who may have used
TCE. Plating facility
was called "Arby".
- A Bus facility is also located
near by.
1610 - At
Spoke to
who said are not
home. left agreement.

Location Marshall, NC Date 6/15/2011

Project / Client Derringer Dr.

1615 - At
Left access agreement
1640 - At
Left access agreement
1630 - offsite

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Location: Marshall, NC 6/16/12

Project / Client: Derringer Drive

1040 - START + EPA at

- No answer at door, access agreement still on door.
- At
Owner signed access agreement well is at 700 ft.
- At Spoke to tenant.
-
/ owns the property.
- lives at
- At
Resident did not answer the door.
- At Owner signed agreement. The owner also owns in site.

[signature]

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Location: Marshall, NC Date: 6/16/12

Project / Client: Derringer Drive

- At
Resident did not answer the door. Multiple vehicles in the driveway
- At
obtained signed access
- returned to
spoke to owner who stated that is on city water but is POA for which is on well. we will return at 4:00 to meet
1440 - Spoke to who signed Access to Marshall, NC
↳ Mail results to
1516 - Revisited
Resident still no answer

[signature]

10

Location Marshall, NC Date 6/16/12

Project / Client Derringer Drive

1605 - At
- Speaking to
who is POA for

- denied access to the property and stated that plans to have the well sampled on own.

Location Marshall, NC Date 6/18/12 11

Project / Client Derringer Drive

1140 - On site at.

This property has both city and well water.

1190 - Began purge: 1400

Time	Temp	cond	pH	T-P

The well did not work will return later.

Followed up w/ owner at 1400 - stated that the breaker trips everytime the well 'runs' on and needs to be repaired before it can be sampled.

Location Marshall, NC Date 6/18/14

Project / Client Derringer Drive

1410 - At
Began purge at 1418

Time	Temp	Cond	pH	Turb
1410	17.81	.322	7.15	.74
1414	17.06	.322	6.98	.46
1416	17.76	.324	7.09	.89
1429	15.4	.321	7.10	.55
1432	15.28	.322	7.08	.30

1434 collected sample

collecting

NO city water at this residence

Marshall, NC Date 6/18/14
Derringer Drive

1440 - At
1447 - Began purge

Time	Temp	Cond	pH	Turb
1445	17.69	.375	7.16	.59
1448	16.11	.374	7.05	.38
1451	16.36	.377	7.10	.49
1454	16.50	.376	7.03	.48
1458	16.53	.375	7.08	.51

collecting, and

Owner est. 300 ft. well depth

Location Marshall, NC Date 6/18/12

Project / Client Deringer Drive

1315 - At

1316 begin purge

Time	temp	cond	pH	Turb
1319	14.94	.309	7.32	1.28
1322	17.31	.310	7.32	.77
1326	16.04	.309	7.32	.50
1329	16.61	.304	7.20	.57
1331	15.69	.307	7.31	.79
1333	15.90	.303	7.38	.99

1335 collected 196 SR

Collecting

Location Marshall, NC Date 6/18/12

Project / Client Deringer Dr.

1340 - At

1345 - Began purge

Time	Temp	cond	pH	Turb
1347	20.66	.340	7.44	7.55
1350	18.15	.317	7.28	4.03
1353	17.26	.316	7.21	2.67
1357	17.39	.316	7.13	1.15
1400	17.01	.311	7.13	.78
1402	16.55	.315	7.11	1.17

1405 Collecting

1415 - A

- Began purge at 1405 - coll.

Time	Temp	cond	pH	Turb
1419	16.31	.342	7.36	2.76
1422	16.04	.349	7.38	2.44
1426	15.27	.351	7.31	1.95
1429	15.31	.351	7.41	3.10
1432	15.15	.351	7.44	1.14
1435	15.78	.341	7.44	1.88

1440 Collected Sample

Location: Marshall, NC Date: 6-18-11

Project / Client: Deringer Dr.

1450 - At the resident is on city but has a well.

Does not use the well and it is not plugged in.

1730 - Plant manager signed access agreement

1537 - Begin purge

Time	Temp	cond	pH	Turb
1541	16.88	.144	8.18	7.78
1544	15.87	.152	7.73	7.38
1547	15.78	.157	7.59	5.90
1551	15.78	.162	7.40	6.63
1554	15.80	.161	7.21	6.17

1600 collected 1550 DD

Location: Marshall, NC Date: 6-18-11

Project / Client: Deringer Dr.

1610 - At

1611 Begin purge

Time	Temp	cond	pH	Turb
1615	21.35	.166	7.09	.30
1614	21.44	.161	6.66	4.37
1623	21.14	.160	6.44	.71
1626	20.41	.159	6.37	.99
1628	20.49	.160	6.38	.55

1631 - collected sample

1635 - At

Time	Temp	cond	pH	Turb
1640	17.82	.157	6.61	.47
1643	17.70	.155	6.60	.50
1646	17.31	.154	6.57	.40

1650 collected sample

Resident begun pumping at 1640.

Location Marshall, NC Date 6/18/12

Project / Client Derringer Dr.

1705 - AT

Began purge at 1705

Time	Temp	Cond	pH	Turb.
1710	16.13	.218	6.89	6.2
1713	15.38	.219	6.71	6.45
1717	15.24	.229	6.6	19.5
1720	15.42	.234	6.61	14.3
1724	15.34	.240	6.65	16.8

1730 collected and Dup of

well depth 465 ft.

1750 - START + EPA off site.

Location Marshall, NC Date 6/21/12

Project / Client Derringer Dr.

Received sample results for sample event on 6/18/2012

All samples ND except for

cis-1,2-DCE 0.46

TCE 2.3

TCE 2.4

1,1-DCE 0.27

TCE 1.5

All samples below MCL, another round of samples will be collected in approx 6 months.

Location Marshall, NC Date 12/4/12

Project / Client Derringer Dr.

0915 - At to take a follow-up sample.

0920 - Began purge

Time	Temp	Cond	pH	Turb
0923	12.95	0.416	6.66	0.22
0927	13.06	0.355	6.82	0.06
0930	13.22	0.347	7.04	0.01
0935	13.54	0.346	7.13	0.45
0940	13.58	0.345	7.04	0.05

0945 - collected and from exterior spigot — 2

1000 - Began purge at

Time	Temp	Cond	pH	Turb
1005	14.26	0.416	7.13	0.17
1010	14.57	0.410	6.93	0.15
1015	14.84	0.410	6.77	0.09
1018	14.95	0.49	6.78	0.30

1020 - collected from spigot

Location Marshall, NC Date 12/4/12

Project / Client Derringer Dr.

1035 - At

1040 - Began purge

Time	Temp	Cond	pH	Turb
1044	13.40	0.348	7.27	0.35
1048	13.30	0.343	7.10	0.31
1052	13.42	0.344	7.11	0.28
1056	13.60	0.344	7.01	0.45

1100 - collected from the spigot.

1110 - Began purge at

Time	Temp	Cond	pH	Turb
1115	14.28	0.346	7.33	0.23
1140	14.42	0.344	7.22	0.17
1143	14.40	0.342	7.28	0.05
1148	14.13	0.342	7.23	0.10

the resident reported that had city water before but the city disconnected 's only drawing water from the well.

Location Marshall, NC Date 12/4/12

Project / Client Derringer Drive

- The resident reported that the city water did not taste good and the city wanted to do additional work on the line so they asked the city to turn it off.
- The water has been off for a couple of months
1130 - collected from the well head, unc
- EPA was not notified that they disconnected from city water
- The residents stated that they had had a dysfunction relationship with the city.
- They had disagreements regarding the existing well on the property. The well was formerly only hooked up to the bathroom.

Location Marshall, NC Date 12/4/12

Project / Client Derringer Dr.

1147 - Began purge at Road.

Time	Temp	pH	cond	Tus
1151	13.15	7.05	0.327	6.64
1156	14.43	6.56	0.330	2.91
1200	14.75	6.53	0.332	1.42
1203	14.78	6.54	0.332	1.57

1205 collected from an exterior spigot

1225 - Began purge at

Time	Temp	cond	pH	Tus
1227	12.64	0.164	6.40	0.84
1231	11.12	0.161	5.34	0.23
1235	11.77	0.160	5.26	0.22
1240	11.63	0.161	5.32	0.15

1245 - collected from exterior spigot.

Location Marshall, NC Date 11/9/11

Project / Client Deringer Drive

1355 - At Deringer Ney Manufacturing
- Seeing plant Manager

1400 - At Madison County Bus Depot
- The facility manager stated that according to their records they have never used TCE.
- The bus depot has been at this site for at least 10 years. Records available on
- The manager stated that permission to sample must come through his Management
- Richard Paxton is the Director of Transportation 826-649-9381
- stated that they use a biodegradable parts clea
- walking the property with Richard

Location Marshall, NC Date 11/9/11

Project / Client Deringer Drive

- The area behind the depot is now paved with asphalt in the area where staining was observed on historical aerial photos.

1415 - Begin purge at

Time	Temp	pH	Cond	Turb
1431	14.01	6.34	0.166	0.10
1437	14.18	5.91	0.181	0.08
1441	14.21	5.97	0.184	0.01
1444	14.14	5.99	0.172	0.10

1445 - collected from exterior spigot

Location Marshall, NC Date 12/4/12

Project / Client Derringer Drive

1510 - At Town of Marshall town hall.
- The town stated that they disconnected because the well is connected to the home and also connected to the city system
-

- The town stated that they could be connected as long as they pay the water bill and deposit.
- Spoke to Jennifer Flynn with the town.
- 828-649-3031

1536 - At
could not get up with property owner, no body at the property.
- will continue to attempt to contact the owner before taking the sample

1600 - [illegible]

Location Marshall, NC Date 12/7/12

Project / Client Derringer Drive

1400 - Received analytical results for follow up sampling event.
- sample detections include

cis-1,2-DCE - 0.90 ppb
TCE - 515 ppb

cis-1,2-DCE + 0.40 ppb
TCE - 3.4 ppb

ATTACHMENT D

ANALYTICAL REPORTS

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Thursday, June 21, 2012

Oneida Total Integrated Enterprises (ON003)

Attn: Andrew Potter

6300 Limousine Drive, Suite 130

Raleigh, NC 27617

RE: Laboratory Results for
Project Number: Standard, Project Name/Desc: Derringer Drive
ENCO Workorder(s): C207426

Dear Andrew Potter,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Tuesday, June 19, 2012.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Link Thrower

Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 31.

www.encolabs.com

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID:	Lab ID: C207426-01	Sampled: 06/18/12 12:34	Received: 06/19/12 15:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	07/02/12	06/20/12 08:36	6/20/2012 11:40

Client ID:	Lab ID: C207426-02	Sampled: 06/18/12 13:00	Received: 06/19/12 15:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	07/02/12	06/20/12 08:36	6/20/2012 11:11

Client ID:	Lab ID: C207426-03	Sampled: 06/18/12 13:35	Received: 06/19/12 15:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	07/02/12	06/20/12 08:36	6/20/2012 12:09

Client ID:	Lab ID: C207426-04	Sampled: 06/18/12 14:05	Received: 06/19/12 15:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	07/02/12	06/20/12 08:36	6/20/2012 12:38

Client ID:	Lab ID: C207426-05	Sampled: 06/18/12 14:40	Received: 06/19/12 15:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	07/02/12	06/20/12 08:36	6/20/2012 13:07

Client ID:	Lab ID: C207426-06	Sampled: 06/18/12 16:00	Received: 06/19/12 15:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	07/02/12	06/20/12 08:36	6/20/2012 13:37

Client ID:	Lab ID: C207426-07	Sampled: 06/18/12 16:31	Received: 06/19/12 15:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	07/02/12	06/20/12 08:36	6/20/2012 14:06

Client ID:	Lab ID: C207426-08	Sampled: 06/18/12 16:50	Received: 06/19/12 15:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	07/02/12	06/20/12 08:36	6/20/2012 14:35

Client ID:	Lab ID: C207426-09	Sampled: 06/18/12 17:30	Received: 06/19/12 15:30
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	07/02/12	06/20/12 08:36	6/20/2012 15:05

[redacted]

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	07/02/12	06/20/12 08:36	6/20/2012 15:34

[redacted]

Parameter	Hold Date/Time(s)	Prep Date/Time(s)	Analysis Date/Time(s)
EPA 8260B	07/02/12	06/20/12 08:36	6/20/2012 16:04

SAMPLE DETECTION SUMMARY

[redacted]

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
cis-1,2-Dichloroethene	0.46	J	0.15	1.0	ug/L	EPA 8260B	
Trichloroethene	2.3		0.15	1.0	ug/L	EPA 8260B	

[redacted]

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
Trichloroethene	2.4		0.15	1.0	ug/L	EPA 8260B	

[redacted]

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
1,1-Dichloroethene	0.78	J	0.21	1.0	ug/L	EPA 8260B	
Trichloroethene	1.5		0.15	1.0	ug/L	EPA 8260B	

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ANALYTICAL RESULTS

Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-01
Sampled: 06/18/12 12:34
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-01
Sampled: 06/18/12 12:34
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Trichloroethene [79-01-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2F20006	EPA 8260B	06/20/12 11:40	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*44*	*1*	*50.0*	*88 %*	*51-122*	*2F20006*	*EPA 8260B*	*06/20/12 11:40*	*JKG*	
Dibromofluoromethane	*48*	*1*	*50.0*	*96 %*	*68-117*	*2F20006*	*EPA 8260B*	*06/20/12 11:40*	*JKG*	
Toluene-d8	*42*	*1*	*50.0*	*83 %*	*67-127*	*2F20006*	*EPA 8260B*	*06/20/12 11:40*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-02
Sampled: 06/18/12 13:00
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-02
Sampled: 06/18/12 13:00
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Trichloroethene [79-01-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2F20006	EPA 8260B	06/20/12 11:11	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*84 %*	*51-122*	*2F20006*	*EPA 8260B*	*06/20/12 11:11*	*JKG*	
Dibromofluoromethane	*46*	*1*	*50.0*	*92 %*	*68-117*	*2F20006*	*EPA 8260B*	*06/20/12 11:11*	*JKG*	
Toluene-d8	*40*	*1*	*50.0*	*80 %*	*67-127*	*2F20006*	*EPA 8260B*	*06/20/12 11:11*	*JKG*	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-03
Sampled: 06/18/12 13:35
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-03
Sampled: 06/18/12 13:35
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Trichloroethene [79-01-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2F20006	EPA 8260B	06/20/12 12:09	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*43*	*1*	*50.0*	*86 %*	*51-122*	*2F20006*	*EPA 8260B*	*06/20/12 12:09*	*JKG*	
Dibromofluoromethane	*49*	*1*	*50.0*	*98 %*	*68-117*	*2F20006*	*EPA 8260B*	*06/20/12 12:09*	*JKG*	
Toluene-d8	*41*	*1*	*50.0*	*81 %*	*67-127*	*2F20006*	*EPA 8260B*	*06/20/12 12:09*	*JKG*	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-04
Sampled: 06/18/12 14:05
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**0.46**	J	ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-04
Sampled: 06/18/12 14:05
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Trichloroethene [79-01-6] ^	**2.3**		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2F20006	EPA 8260B	06/20/12 12:38	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*43*	*1*	*50.0*	*87 %*	*51-122*	*2F20006*	*EPA 8260B*	*06/20/12 12:38*	*JKG*	
Dibromofluoromethane	*47*	*1*	*50.0*	*95 %*	*68-117*	*2F20006*	*EPA 8260B*	*06/20/12 12:38*	*JKG*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*67-127*	*2F20006*	*EPA 8260B*	*06/20/12 12:38*	*JKG*	

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Description
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-05
Sampled: 06/18/12 14:40
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-05
Sampled: 06/18/12 14:40
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Trichloroethene [79-01-6] ^	**2.4**		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2F20006	EPA 8260B	06/20/12 13:07	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*43*	*1*	*50.0*	*86 %*	*51-122*	*2F20006*	*EPA 8260B*	*06/20/12 13:07*	*JKG*	
Dibromofluoromethane	*48*	*1*	*50.0*	*95 %*	*68-117*	*2F20006*	*EPA 8260B*	*06/20/12 13:07*	*JKG*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*67-127*	*2F20006*	*EPA 8260B*	*06/20/12 13:07*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-06
Sampled: 06/18/12 16:00
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,1-Dichloroethene [75-35-4] ^	**0.78**	J	ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-06
Sampled: 06/18/12 16:00
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Trichloroethene [79-01-6] ^	**1.5**		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2F20006	EPA 8260B	06/20/12 13:37	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*85 %*	*51-122*	*2F20006*	*EPA 8260B*	*06/20/12 13:37*	*JKG*	
Dibromofluoromethane	*50*	*1*	*50.0*	*99 %*	*68-117*	*2F20006*	*EPA 8260B*	*06/20/12 13:37*	*JKG*	
Toluene-d8	*41*	*1*	*50.0*	*82 %*	*67-127*	*2F20006*	*EPA 8260B*	*06/20/12 13:37*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description: [illegible]
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-07
Sampled: 06/18/12 16:31
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-07
Sampled: 06/18/12 16:31
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Trichloroethene [79-01-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2F20006	EPA 8260B	06/20/12 14:06	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*83 %*	*51-122*	*2F20006*	*EPA 8260B*	*06/20/12 14:06*	*JKG*	
Dibromofluoromethane	*49*	*1*	*50.0*	*97 %*	*68-117*	*2F20006*	*EPA 8260B*	*06/20/12 14:06*	*JKG*	
Toluene-d8	*40*	*1*	*50.0*	*80 %*	*67-127*	*2F20006*	*EPA 8260B*	*06/20/12 14:06*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-08
Sampled: 06/18/12 16:50
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	

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Description
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-08
Sampled: 06/18/12 16:50
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Trichloroethene [79-01-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2F20006	EPA 8260B	06/20/12 14:35	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*42*	*1*	*50.0*	*85 %*	*51-122*	*2F20006*	*EPA 8260B*	*06/20/12 14:35*	*JKG*	
Dibromofluoromethane	*50*	*1*	*50.0*	*100 %*	*68-117*	*2F20006*	*EPA 8260B*	*06/20/12 14:35*	*JKG*	
Toluene-d8	*42*	*1*	*50.0*	*83 %*	*67-127*	*2F20006*	*EPA 8260B*	*06/20/12 14:35*	*JKG*	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-09
Sampled: 06/18/12 17:30
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-09
Sampled: 06/18/12 17:30
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Trichloroethene [79-01-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2F20006	EPA 8260B	06/20/12 15:05	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*43*	*1*	*50.0*	*85 %*	*51-122*	*2F20006*	*EPA 8260B*	*06/20/12 15:05*	*JKG*	
Dibromofluoromethane	*51*	*1*	*50.0*	*102 %*	*68-117*	*2F20006*	*EPA 8260B*	*06/20/12 15:05*	*JKG*	
Toluene-d8	*42*	*1*	*50.0*	*85 %*	*67-127*	*2F20006*	*EPA 8260B*	*06/20/12 15:05*	*JKG*	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-10
Sampled: 06/18/12 00:00
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-10
Sampled: 06/18/12 00:00
Sampled By: Andrew Potter

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Trichloroethene [79-01-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2F20006	EPA 8260B	06/20/12 15:34	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*43*	*1*	*50.0*	*87 %*	*51-122*	*2F20006*	*EPA 8260B*	*06/20/12 15:34*	*JKG*	
Dibromofluoromethane	*52*	*1*	*50.0*	*104 %*	*68-117*	*2F20006*	*EPA 8260B*	*06/20/12 15:34*	*JKG*	
Toluene-d8	*42*	*1*	*50.0*	*84 %*	*67-127*	*2F20006*	*EPA 8260B*	*06/20/12 15:34*	*JKG*	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-11
Sampled: 06/18/12 17:30
Sampled By: ENCO

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Isopropylbenzene, [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C207426-11
Sampled: 06/18/12 17:30
Sampled By: ENCO

Received: 06/19/12 15:30
Work Order: C207426

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Trichloroethene [79-01-6] ^	< 0.15		ug/L	1	0.15	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2F20006	EPA 8260B	06/20/12 16:04	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*41*	*1*	*50.0*	*82 %*	*51-122*	*2F20006*	*EPA 8260B*	*06/20/12 16:04*	*JKG*	
Dibromofluoromethane	*48*	*1*	*50.0*	*95 %*	*68-117*	*2F20006*	*EPA 8260B*	*06/20/12 16:04*	*JKG*	
Toluene-d8	*42*	*1*	*50.0*	*83 %*	*67-127*	*2F20006*	*EPA 8260B*	*06/20/12 16:04*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2F20006 - EPA 5030B_MS

Blank (2F20006-BLK1) Prepared: 06/20/2012 08:36 Analyzed: 06/20/2012 09:14

1,1,1,2-Tetrachloroethane	< 0.17	1.0	ug/L				
1,1,1-Trichloroethane	< 0.12	1.0	ug/L				
1,1,2,2-Tetrachloroethane	< 0.28	1.0	ug/L				
1,1,2-Trichloroethane	< 0.14	1.0	ug/L				
1,1-Dichloroethane	< 0.13	1.0	ug/L				
1,1-Dichloroethene	< 0.21	1.0	ug/L				
1,1-Dichloropropene	< 0.15	1.0	ug/L				
1,2,3-Trichlorobenzene	< 0.012	1.0	ug/L				
1,2,3-Trichloropropane	< 0.23	1.0	ug/L				
1,2,4-Trichlorobenzene	< 0.14	1.0	ug/L				
1,2,4-Trimethylbenzene	< 0.10	1.0	ug/L				
1,2-Dibromo-3-chloropropane	< 0.48	1.0	ug/L				
1,2-Dibromoethane	< 0.66	1.0	ug/L				
1,2-Dichlorobenzene	< 0.19	1.0	ug/L				
1,2-Dichloroethane	< 0.21	1.0	ug/L				
1,2-Dichloropropane	< 0.10	1.0	ug/L				
1,3,5-Trimethylbenzene	< 0.30	1.0	ug/L				
1,3-Dichlorobenzene	< 0.15	1.0	ug/L				
1,3-Dichloropropane	< 0.16	1.0	ug/L				
1,4-Dichlorobenzene	< 0.19	1.0	ug/L				
2,2-Dichloropropane	< 0.28	1.0	ug/L				
2-Butanone	< 1.3	5.0	ug/L				
2-Chloroethyl Vinyl Ether	< 1.1	5.0	ug/L				
2-Chlorotoluene	< 0.081	1.0	ug/L				
2-Hexanone	< 0.88	5.0	ug/L				
4-Chlorotoluene	< 0.068	1.0	ug/L				
4-Isopropyltoluene	< 0.085	1.0	ug/L				
4-Methyl-2-pentanone	< 1.1	5.0	ug/L				
Acetone	< 1.2	5.0	ug/L				
Benzene	< 0.15	1.0	ug/L				
Bromobenzene	< 0.16	1.0	ug/L				
Bromochloromethane	< 0.48	1.0	ug/L				
Bromodichloromethane	< 0.17	1.0	ug/L				
Bromoform	< 0.22	1.0	ug/L				
Bromomethane	< 0.14	1.0	ug/L				
Carbon disulfide	< 1.5	5.0	ug/L				
Carbon tetrachloride	< 0.17	1.0	ug/L				
Chlorobenzene	< 0.17	1.0	ug/L				
Chloroethane	< 0.23	1.0	ug/L				
Chloroform	< 0.18	1.0	ug/L				
Chloromethane	< 0.13	1.0	ug/L				
cis-1,2-Dichloroethene	< 0.15	1.0	ug/L				
cis-1,3-Dichloropropene	< 0.20	1.0	ug/L				
Dibromochloromethane	< 0.17	1.0	ug/L				
Dibromomethane	< 0.27	1.0	ug/L				
Dichlorodifluoromethane	< 0.20	1.0	ug/L				
Ethylbenzene	< 0.13	1.0	ug/L				
Hexachlorobutadiene	< 0.22	1.0	ug/L				
Isopropylbenzene	< 0.14	1.0	ug/L				

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2F20006 - EPA 5030B_MS

Blank (2F20006-BLK1) Continued Prepared: 06/20/2012 08:36 Analyzed: 06/20/2012 09:14

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
m,p-Xylenes	< 0.17	2.0	ug/L							
Methylene chloride	< 0.23	1.0	ug/L							
Methyl-tert-Butyl Ether	< 0.16	1.0	ug/L							
Naphthalene	< 0.11	1.0	ug/L							
n-Butyl Benzene	< 0.058	1.0	ug/L							
n-Propyl Benzene	< 0.12	1.0	ug/L							
o-Xylene	< 0.065	1.0	ug/L							
sec-Butylbenzene	< 0.10	1.0	ug/L							
Styrene	< 0.11	1.0	ug/L							
tert-Butylbenzene	< 0.17	1.0	ug/L							
Tetrachloroethene	< 0.17	1.0	ug/L							
Toluene	< 0.14	1.0	ug/L							
trans-1,2-Dichloroethene	< 0.21	1.0	ug/L							
trans-1,3-Dichloropropene	< 0.15	1.0	ug/L							
Trichloroethene	< 0.15	1.0	ug/L							
Trichlorofluoromethane	< 0.24	1.0	ug/L							
Vinyl chloride	< 0.32	1.0	ug/L							
Xylenes (Total)	< 0.45	3.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*43*		*ug/L*	*50.0*		*86*	*51-122*			
Surrogate: Dibromofluoromethane	*47*		*ug/L*	*50.0*		*94*	*68-117*			
Surrogate: Toluene-d8	*40*		*ug/L*	*50.0*		*81*	*67-127*			

LCS (2F20006-BS1) Prepared: 06/20/2012 08:36 Analyzed: 06/20/2012 09:43

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	19	1.0	ug/L	20.0		93	75-133			
Benzene	19	1.0	ug/L	20.0		96	81-134			
Chlorobenzene	19	1.0	ug/L	20.0		97	83-117			
Toluene	19	1.0	ug/L	20.0		96	71-118			
Trichloroethene	18	1.0	ug/L	20.0		92	74-119			
Surrogate: 4-Bromofluorobenzene	*43*		*ug/L*	*50.0*		*86*	*51-122*			
Surrogate: Dibromofluoromethane	*44*		*ug/L*	*50.0*		*87*	*68-117*			
Surrogate: Toluene-d8	*42*		*ug/L*	*50.0*		*84*	*67-127*			

Matrix Spike (2F20006-MS1) Prepared: 06/20/2012 08:36 Analyzed: 06/20/2012 10:12

Source: C207426-02

Analyte	Result	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	20	1.0	ug/L	20.0	0.21 U	102	75-133			
Benzene	20	1.0	ug/L	20.0	0.15 U	99	81-134			
Chlorobenzene	20	1.0	ug/L	20.0	0.17 U	99	83-117			
Toluene	20	1.0	ug/L	20.0	0.14 U	100	71-118			
Trichloroethene	19	1.0	ug/L	20.0	0.15 U	94	74-119			
Surrogate: 4-Bromofluorobenzene	*43*		*ug/L*	*50.0*		*87*	*51-122*			
Surrogate: Dibromofluoromethane	*44*		*ug/L*	*50.0*		*87*	*68-117*			
Surrogate: Toluene-d8	*42*		*ug/L*	*50.0*		*83*	*67-127*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2F20006 - EPA 5030B_MS

Matrix Spike Dup (2F20006-MSD1) Prepared: 06/20/2012 08:36 Analyzed: 06/20/2012 10:41

Source: C207426-02

[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
1,1-Dichloroethene	18		1.0	ug/L	20.0	0.21 U	91	75-133	11	20
Benzene	18		1.0	ug/L	20.0	0.15 U	91	81-134	8	17
Chlorobenzene	18		1.0	ug/L	20.0	0.17 U	90	83-117	9	16
Toluene	18		1.0	ug/L	20.0	0.14 U	91	71-118	9	17
Trichloroethene	17		1.0	ug/L	20.0	0.15 U	85	74-119	11	22
Surrogate: 4-Bromofluorobenzene	*43*			*ug/L*	*50.0*		*86*	*51-122*		
Surrogate: Dibromofluoromethane	*43*			*ug/L*	*50.0*		*86*	*68-117*		
Surrogate: Toluene-d8	*40*			*ug/L*	*50.0*		*81*	*67-127*		

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.

REDACTED

ENCO

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

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Page 1 of 1

Client Name: OTIE	Project Number:
Address: 6300 Limousine Dr. Ste. 130	Project Name/Desc: Derringer Drive
City/ST/Zip: Raleigh, NC 27617	PO # / Billing Info: 1403
Tel: 919-745-7911 Fax:	Reporting Contact: Andrew Potter
Sampler(s) Name, Affiliation (Print): Andrew Potter, OTIE	Billing Contact:
Sampler(s) Signature: [signature]	Site Location / Time Zone: Marshall, NC

Requested Analyses: VOCs

Requested Turnaround Times

Note: Rush requests subject to acceptance by the facility

~~24~~ Standard

24-48 HR Expedited

Due __/__/__

Lab Workorder: C207426

Preservation (See Codes) (Combine as necessary)

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	H	Sample Comments
	[redacted]	6-18-12	1234	Grab	DW	3	✓	
	[redacted]	6-18-12	1300	Grab	DW	3	✓	
	[redacted]	6/18/12	1300	Grab	DW	3	✓	MS/MSD
	[redacted]	6/18/12	1335	Grab	DW	3	✓	
	[redacted]	6/18/12	1405	Grab	DW	3	✓	
	[redacted]	6/18/12	1440	Grab	DW	3	✓	
	[redacted]	6/18/12	1600	Grab	DW	3	✓	
	[redacted]	6/18/12	1631	Grab	DW	3	✓	
	[redacted]	6/18/12	1650	Grab	DW	3	✓	
	[redacted]	6/18/12	1730	Grab	DW	3	✓	
	[redacted]	6/18/12		Grab	DW	3	✓	
	[redacted]	6/18/12			TB	3	✓	added by lab

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time	Received By	Date/Time
		Andrew Potter	6/19/13:27	M E Stamper	6/19/12 1530
Comments/Special Reporting Requirements		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: 2.3°C		Condition Upon Receipt: X Acceptable ___ Unacceptable	

Matrix: GW-Groundwater SO-Soil DW-Drinking Water SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments) Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note: All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

Exemption 6 Personal Privacy

ENCO www.encolabs.com

Environmental Conservation Laboratories, Inc.
102-A Woodwinds Industrial Court
Cary NC, 27511
Phone: 919.467.3090 FAX: 919.467.3515
www.encolabs.com

Friday, December 7, 2012

Oneida Total Integrated Enterprises (ON003)

Attn: Andrew Potter

6300 Limousine Drive, Suite 130

Raleigh, NC 27617

RE: Laboratory Results for
Project Number: Standard, Project Name/Desc: Derringer Drive
ENCO Workorder(s): C214446

Dear Andrew Potter,

Enclosed is a copy of your laboratory report for test samples received by our laboratory on Wednesday, December 5, 2012.

Unless otherwise noted in an attached project narrative, all samples were received in acceptable condition and processed in accordance with the referenced methods/procedures. Results for these procedures apply only to the samples as submitted.

The analytical results contained in this report are in compliance with NELAC standards, except as noted in the project narrative. This report shall not be reproduced except in full, without the written approval of the Laboratory.

This report contains only those analyses performed by Environmental Conservation Laboratories. Unless otherwise noted, all analyses were performed at ENCO Cary. Data from outside organizations will be reported under separate cover.

If you have any questions or require further information, please do not hesitate to contact me.

Sincerely,

Link Thrower
Project Manager

Enclosure(s)

The total number of pages in this report, including this page is 26.

REDACTED

Exemption 6 Personal Privacy

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SAMPLE SUMMARY/LABORATORY CHRONICLE

Client ID:	Lab ID: C214446-01	Sampled: 12/04/12 09:45	Received: 12/05/12 15:18
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	12/18/12	12/06/12 07:07	12/6/2012 13:23

Client ID:	Lab ID: C214446-02	Sampled: 12/04/12 10:20	Received: 12/05/12 15:18
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	12/18/12	12/06/12 07:07	12/6/2012 13:53

Client ID:	Lab ID: C214446-03	Sampled: 12/04/12 11:00	Received: 12/05/12 15:18
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	12/18/12	12/06/12 07:07	12/6/2012 14:22

Client ID:	Lab ID: C214446-04	Sampled: 12/04/12 11:30	Received: 12/05/12 15:18
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	12/18/12	12/06/12 07:07	12/6/2012 14:52

Client ID:	Lab ID: C214446-05	Sampled: 12/04/12 11:30	Received: 12/05/12 15:18
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	12/18/12	12/06/12 07:07	12/6/2012 15:22

Client ID:	Lab ID: C214446-06	Sampled: 12/04/12 12:05	Received: 12/05/12 15:18
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	12/18/12	12/06/12 07:07	12/6/2012 15:51

Client ID:	Lab ID: C214446-07	Sampled: 12/04/12 12:45	Received: 12/05/12 15:18
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	12/18/12	12/06/12 07:07	12/6/2012 16:20

Client ID:	Lab ID: C214446-08	Sampled: 12/04/12 14:45	Received: 12/05/12 15:18
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	12/18/12	12/06/12 07:07	12/6/2012 16:50

Client ID:	Lab ID: C214446-09	Sampled: 12/04/12 09:45	Received: 12/05/12 15:18
Parameter	**Hold Date/Time(s)**	**Prep Date/Time(s)**	**Analysis Date/Time(s)**
EPA 8260B	12/18/12	12/06/12 07:07	12/6/2012 17:19

SAMPLE DETECTION SUMMARY

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
cis-1,2-Dichloroethene	0.90	J	0.15	1.0	ug/L	EPA 8260B	
Trichloroethene	5.5		0.15	1.0	ug/L	EPA 8260B	

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
cis-1,2-Dichloroethene	0.82	J	0.15	1.0	ug/L	EPA 8260B	
Trichloroethene	5.0		0.15	1.0	ug/L	EPA 8260B	

Analyte	Results	Flag	MDL	PQL	Units	Method	Notes
cis-1,2-Dichloroethene	0.46	J	0.15	1.0	ug/L	EPA 8260B	
Trichloroethene	3.4		0.15	1.0	ug/L	EPA 8260B	

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ANALYTICAL RESULTS

Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-01
Sampled: 12/04/12 09:45
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	QV-01
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
1,4-Dioxane [123-91-1] ^	< 25		ug/L	1	25	60	2L06001	EPA 8260B	12/06/12 13:23	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	

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Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-01
Sampled: 12/04/12 09:45
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Trichloroethene [79-01-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2L06001	EPA 8260B	12/06/12 13:23	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*58*	*1*	*50.0*	*116 %*	*51-122*	*2L06001*	*EPA 8260B*	*12/06/12 13:23*	*JKG*	
Dibromofluoromethane	*56*	*1*	*50.0*	*112 %*	*68-117*	*2L06001*	*EPA 8260B*	*12/06/12 13:23*	*JKG*	
Toluene-d8	*51*	*1*	*50.0*	*103 %*	*67-127*	*2L06001*	*EPA 8260B*	*12/06/12 13:23*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-02
Sampled: 12/04/12 10:20
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	QV-01
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
1,4-Dioxane [123-91-1] ^	< 25		ug/L	1	25	60	2L06001	EPA 8260B	12/06/12 13:53	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	

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Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-02
Sampled: 12/04/12 10:20
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Trichloroethene [79-01-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2L06001	EPA 8260B	12/06/12 13:53	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*58*	*1*	*50.0*	*116 %*	*51-122*	*2L06001*	*EPA 8260B*	*12/06/12 13:53*	*JKG*	
Dibromofluoromethane	*53*	*1*	*50.0*	*107 %*	*68-117*	*2L06001*	*EPA 8260B*	*12/06/12 13:53*	*JKG*	
Toluene-d8	*53*	*1*	*50.0*	*105 %*	*67-127*	*2L06001*	*EPA 8260B*	*12/06/12 13:53*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-03
Sampled: 12/04/12 11:00
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	QV-01
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
1,4-Dioxane [123-91-1] ^	< 25		ug/L	1	25	60	2L06001	EPA 8260B	12/06/12 14:22	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	

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Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-03
Sampled: 12/04/12 11:00
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Trichloroethene [79-01-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2L06001	EPA 8260B	12/06/12 14:22	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*57*	*1*	*50.0*	*114 %*	*51-122*	*2L06001*	*EPA 8260B*	*12/06/12 14:22*	*JKG*	
Dibromofluoromethane	*56*	*1*	*50.0*	*112 %*	*68-117*	*2L06001*	*EPA 8260B*	*12/06/12 14:22*	*JKG*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*67-127*	*2L06001*	*EPA 8260B*	*12/06/12 14:22*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-04
Sampled: 12/04/12 11:30
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	QV-01
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
1,4-Dioxane [123-91-1] ^	< 25		ug/L	1	25	60	2L06001	EPA 8260B	12/06/12 14:52	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**0.90**	J	ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	

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Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-04
Sampled: 12/04/12 11:30
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Trichloroethene [79-01-6] ^	**5.5**		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2L06001	EPA 8260B	12/06/12 14:52	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*59*	*1*	*50.0*	*119 %*	*51-122*	*2L06001*	*EPA 8260B*	*12/06/12 14:52*	*JKG*	
Dibromofluoromethane	*55*	*1*	*50.0*	*110 %*	*68-117*	*2L06001*	*EPA 8260B*	*12/06/12 14:52*	*JKG*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*67-127*	*2L06001*	*EPA 8260B*	*12/06/12 14:52*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-05
Sampled: 12/04/12 11:30
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	QV-01
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
1,4-Dioxane [123-91-1] ^	< 25		ug/L	1	25	60	2L06001	EPA 8260B	12/06/12 15:22	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**0.82**	J	ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	

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Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-05
Sampled: 12/04/12 11:30
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Trichloroethene [79-01-6] ^	**5.0**		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2L06001	EPA 8260B	12/06/12 15:22	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*60*	*1*	*50.0*	*120 %*	*51-122*	*2L06001*	*EPA 8260B*	*12/06/12 15:22*	*JKG*	
Dibromofluoromethane	*57*	*1*	*50.0*	*115 %*	*68-117*	*2L06001*	*EPA 8260B*	*12/06/12 15:22*	*JKG*	
Toluene-d8	*52*	*1*	*50.0*	*105 %*	*67-127*	*2L06001*	*EPA 8260B*	*12/06/12 15:22*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-06
Sampled: 12/04/12 12:05
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	QV-01
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
1,4-Dioxane [123-91-1] ^	< 25		ug/L	1	25	60	2L06001	EPA 8260B	12/06/12 15:51	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	**0.46**	J	ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	

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Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-06
Sampled: 12/04/12 12:05
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Trichloroethene [79-01-6] ^	**3.4**		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2L06001	EPA 8260B	12/06/12 15:51	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*60*	*1*	*50.0*	*120 %*	*51-122*	*2L06001*	*EPA 8260B*	*12/06/12 15:51*	*JKG*	
Dibromofluoromethane	*56*	*1*	*50.0*	*113 %*	*68-117*	*2L06001*	*EPA 8260B*	*12/06/12 15:51*	*JKG*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*67-127*	*2L06001*	*EPA 8260B*	*12/06/12 15:51*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-07
Sampled: 12/04/12 12:45
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	QV-01
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
1,4-Dioxane [123-91-1] ^	< 25		ug/L	1	25	60	2L06001	EPA 8260B	12/06/12 16:20	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	

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Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-07
Sampled: 12/04/12 12:45
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Trichloroethene [79-01-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2L06001	EPA 8260B	12/06/12 16:20	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*60*	*1*	*50.0*	*119 %*	*51-122*	*2L06001*	*EPA 8260B*	*12/06/12 16:20*	*JKG*	
Dibromofluoromethane	*56*	*1*	*50.0*	*112 %*	*68-117*	*2L06001*	*EPA 8260B*	*12/06/12 16:20*	*JKG*	
Toluene-d8	*51*	*1*	*50.0*	*102 %*	*67-127*	*2L06001*	*EPA 8260B*	*12/06/12 16:20*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-08
Sampled: 12/04/12 14:45
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	QV-01
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
1,4-Dioxane [123-91-1] ^	< 25		ug/L	1	25	60	2L06001	EPA 8260B	12/06/12 16:50	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	

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Description:
Matrix: Water
Project: Derringer Drive

Lab Sample ID: C214446-08
Sampled: 12/04/12 14:45
Sampled By: Andrew Potter

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Trichloroethene [79-01-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2L06001	EPA 8260B	12/06/12 16:50	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*62*	*1*	*50.0*	*124 %*	*51-122*	*2L06001*	*EPA 8260B*	*12/06/12 16:50*	*JKG*	*QS-03*
Dibromofluoromethane	*59*	*1*	*50.0*	*118 %*	*68-117*	*2L06001*	*EPA 8260B*	*12/06/12 16:50*	*JKG*	*QS-03*
Toluene-d8	*53*	*1*	*50.0*	*105 %*	*67-127*	*2L06001*	*EPA 8260B*	*12/06/12 16:50*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C214446-09
Sampled: 12/04/12 09:45
Sampled By: ENCO

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
1,1,1,2-Tetrachloroethane [630-20-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,1,1-Trichloroethane [71-55-6] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,1,2,2-Tetrachloroethane [79-34-5] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,1,2-Trichloroethane [79-00-5] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,1-Dichloroethane [75-34-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,1-Dichloroethene [75-35-4] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	QV-01
1,1-Dichloropropene [563-58-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,2,3-Trichlorobenzene [87-61-6] ^	< 0.012		ug/L	1	0.012	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,2,3-Trichloropropane [96-18-4] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,2,4-Trichlorobenzene [120-82-1] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,2,4-Trimethylbenzene [95-63-6] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,2-Dibromo-3-chloropropane [96-12-8] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,2-Dibromoethane [106-93-4] ^	< 0.66		ug/L	1	0.66	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,2-Dichlorobenzene [95-50-1] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,2-Dichloroethane [107-06-2] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,2-Dichloropropane [78-87-5] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,3,5-Trimethylbenzene [108-67-8] ^	< 0.30		ug/L	1	0.30	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,3-Dichlorobenzene [541-73-1] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,3-Dichloropropane [142-28-9] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,4-Dichlorobenzene [106-46-7] ^	< 0.19		ug/L	1	0.19	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
1,4-Dioxane [123-91-1] ^	< 25		ug/L	1	25	60	2L06001	EPA 8260B	12/06/12 17:19	JKG	
2,2-Dichloropropane [594-20-7] ^	< 0.28		ug/L	1	0.28	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
2-Butanone [78-93-3] ^	< 1.3		ug/L	1	1.3	5.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
2-Chloroethyl Vinyl Ether [110-75-8] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
2-Chlorotoluene [95-49-8] ^	< 0.081		ug/L	1	0.081	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
2-Hexanone [591-78-6] ^	< 0.88		ug/L	1	0.88	5.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
4-Chlorotoluene [106-43-4] ^	< 0.068		ug/L	1	0.068	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
4-Isopropyltoluene [99-87-6] ^	< 0.085		ug/L	1	0.085	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
4-Methyl-2-pentanone [108-10-1] ^	< 1.1		ug/L	1	1.1	5.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Acetone [67-64-1] ^	< 1.2		ug/L	1	1.2	5.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Benzene [71-43-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Bromobenzene [108-86-1] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Bromochloromethane [74-97-5] ^	< 0.48		ug/L	1	0.48	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Bromodichloromethane [75-27-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Bromoform [75-25-2] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Bromomethane [74-83-9] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Carbon disulfide [75-15-0] ^	< 1.5		ug/L	1	1.5	5.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Carbon tetrachloride [56-23-5] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Chlorobenzene [108-90-7] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Chloroethane [75-00-3] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Chloroform [67-66-3] ^	< 0.18		ug/L	1	0.18	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Chloromethane [74-87-3] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
cis-1,2-Dichloroethene [156-59-2] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
cis-1,3-Dichloropropene [10061-01-5] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Dibromochloromethane [124-48-1] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Dibromomethane [74-95-3] ^	< 0.27		ug/L	1	0.27	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Dichlorodifluoromethane [75-71-8] ^	< 0.20		ug/L	1	0.20	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Ethylbenzene [100-41-4] ^	< 0.13		ug/L	1	0.13	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Hexachlorobutadiene [87-68-3] ^	< 0.22		ug/L	1	0.22	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Isopropylbenzene [98-82-8] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
m,p-Xylenes [108-38-3/106-42-3] ^	< 0.17		ug/L	1	0.17	2.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	

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Description:
Matrix: Drinking Water
Project: Derringer Drive

Lab Sample ID: C214446-09
Sampled: 12/04/12 09:45
Sampled By: ENCO

Received: 12/05/12 15:18
Work Order: C214446

Volatile Organic Compounds by GCMS

^ - ENCO Cary certified analyte [NC 591]

Analyte [CAS Number]	Results	Flag	Units	DF	MDL	MRL	Batch	Method	Analyzed	By	Notes
Methylene chloride [75-09-2] ^	< 0.23		ug/L	1	0.23	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Methyl-tert-Butyl Ether [1634-04-4] ^	< 0.16		ug/L	1	0.16	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Naphthalene [91-20-3] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
n-Butyl Benzene [104-51-8] ^	< 0.058		ug/L	1	0.058	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
n-Propyl Benzene [103-65-1] ^	< 0.12		ug/L	1	0.12	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
o-Xylene [95-47-6] ^	< 0.065		ug/L	1	0.065	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
sec-Butylbenzene [135-98-8] ^	< 0.10		ug/L	1	0.10	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Styrene [100-42-5] ^	< 0.11		ug/L	1	0.11	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
tert-Butylbenzene [98-06-6] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Tetrachloroethene [127-18-4] ^	< 0.17		ug/L	1	0.17	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Toluene [108-88-3] ^	< 0.14		ug/L	1	0.14	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
trans-1,2-Dichloroethene [156-60-5] ^	< 0.21		ug/L	1	0.21	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
trans-1,3-Dichloropropene [10061-02-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Trichloroethene [79-01-6] ^	< 0.15		ug/L	1	0.15	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Trichlorofluoromethane [75-69-4] ^	< 0.24		ug/L	1	0.24	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Vinyl chloride [75-01-4] ^	< 0.32		ug/L	1	0.32	1.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	
Xylenes (Total) [1330-20-7] ^	< 0.45		ug/L	1	0.45	3.0	2L06001	EPA 8260B	12/06/12 17:19	JKG	

Surrogates	*Results*	*DF*	*Spike Lvl*	*% Rec*	*% Rec Limits*	*Batch*	*Method*	*Analyzed*	*By*	Notes
4-Bromofluorobenzene	*60*	*1*	*50.0*	*119 %*	*51-122*	*2L06001*	*EPA 8260B*	*12/06/12 17:19*	*JKG*	
Dibromofluoromethane	*56*	*1*	*50.0*	*112 %*	*68-117*	*2L06001*	*EPA 8260B*	*12/06/12 17:19*	*JKG*	
Toluene-d8	*52*	*1*	*50.0*	*104 %*	*67-127*	*2L06001*	*EPA 8260B*	*12/06/12 17:19*	*JKG*	

This report relates only to the sample as received by the laboratory, and may only be reproduced in full.

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2L06001 - EPA 5030B_MS

Blank (2L06001-BLK1) Prepared: 12/06/2012 07:07 Analyzed: 12/06/2012 10:54

1,1,1,2-Tetrachloroethane	< 0.17	1.0	ug/L		
1,1,1-Trichloroethane	< 0.12	1.0	ug/L		
1,1,2,2-Tetrachloroethane	< 0.28	1.0	ug/L		
1,1,2-Trichloroethane	< 0.14	1.0	ug/L		
1,1-Dichloroethane	< 0.13	1.0	ug/L		
1,1-Dichloroethene	< 0.21	1.0	ug/L		QV-01
1,1-Dichloropropene	< 0.15	1.0	ug/L		
1,2,3-Trichlorobenzene	< 0.012	1.0	ug/L		
1,2,3-Trichloropropane	< 0.23	1.0	ug/L		
1,2,4-Trichlorobenzene	< 0.14	1.0	ug/L		
1,2,4-Trimethylbenzene	< 0.10	1.0	ug/L		
1,2-Dibromo-3-chloropropane	< 0.48	1.0	ug/L		
1,2-Dibromoethane	< 0.66	1.0	ug/L		
1,2-Dichlorobenzene	< 0.19	1.0	ug/L		
1,2-Dichloroethane	< 0.21	1.0	ug/L		
1,2-Dichloropropane	< 0.10	1.0	ug/L		
1,3,5-Trimethylbenzene	< 0.30	1.0	ug/L		
1,3-Dichlorobenzene	< 0.15	1.0	ug/L		
1,3-Dichloropropane	< 0.16	1.0	ug/L		
1,4-Dichlorobenzene	< 0.19	1.0	ug/L		
1,4-Dioxane	< 25	60	ug/L		
2,2-Dichloropropane	< 0.28	1.0	ug/L		
2-Butanone	< 1.3	5.0	ug/L		
2-Chloroethyl Vinyl Ether	< 1.1	5.0	ug/L		
2-Chlorotoluene	< 0.081	1.0	ug/L		
2-Hexanone	< 0.88	5.0	ug/L		
4-Chlorotoluene	< 0.068	1.0	ug/L		
4-Isopropyltoluene	< 0.085	1.0	ug/L		
4-Methyl-2-pentanone	< 1.1	5.0	ug/L		
Acetone	< 1.2	5.0	ug/L		
Benzene	< 0.15	1.0	ug/L		
Bromobenzene	< 0.16	1.0	ug/L		
Bromochloromethane	< 0.48	1.0	ug/L		
Bromodichloromethane	< 0.17	1.0	ug/L		
Bromoform	< 0.22	1.0	ug/L		
Bromomethane	< 0.14	1.0	ug/L		
Carbon disulfide	< 1.5	5.0	ug/L		
Carbon tetrachloride	< 0.17	1.0	ug/L		
Chlorobenzene	< 0.17	1.0	ug/L		
Chloroethane	< 0.23	1.0	ug/L		
Chloroform	< 0.18	1.0	ug/L		
Chloromethane	< 0.13	1.0	ug/L		
cis-1,2-Dichloroethene	< 0.15	1.0	ug/L		
cis-1,3-Dichloropropene	< 0.20	1.0	ug/L		
Dibromochloromethane	< 0.17	1.0	ug/L		
Dibromomethane	< 0.27	1.0	ug/L		
Dichlorodifluoromethane	< 0.20	1.0	ug/L		
Ethylbenzene	< 0.13	1.0	ug/L		
Hexachlorobutadiene	< 0.22	1.0	ug/L		

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2L06001 - EPA 5030B_MS

Blank (2L06001-BLK1) Continued Prepared: 12/06/2012 07:07 Analyzed: 12/06/2012 10:54

Analyte	Result	Flags	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Isopropylbenzene	< 0.14		1.0	ug/L							
m,p-Xylenes	< 0.17		2.0	ug/L							
Methylene chloride	< 0.23		1.0	ug/L							
Methyl-tert-Butyl Ether	< 0.16		1.0	ug/L							
Naphthalene	< 0.11		1.0	ug/L							
n-Butyl Benzene	< 0.058		1.0	ug/L							
n-Propyl Benzene	< 0.12		1.0	ug/L							
o-Xylene	< 0.065		1.0	ug/L							
sec-Butylbenzene	< 0.10		1.0	ug/L							
Styrene	< 0.11		1.0	ug/L							
tert-Butylbenzene	< 0.17		1.0	ug/L							
Tetrachloroethene	< 0.17		1.0	ug/L							
Toluene	< 0.14		1.0	ug/L							
trans-1,2-Dichloroethene	< 0.21		1.0	ug/L							
trans-1,3-Dichloropropene	< 0.15		1.0	ug/L							
Trichloroethene	< 0.15		1.0	ug/L							
Trichlorofluoromethane	< 0.24		1.0	ug/L							
Vinyl chloride	< 0.32		1.0	ug/L							
Xylenes (Total)	< 0.45		3.0	ug/L							
Surrogate: 4-Bromofluorobenzene	*56*			*ug/L*	*50.0*		*112*	*51-122*			
Surrogate: Dibromofluoromethane	*55*			*ug/L*	*50.0*		*110*	*68-117*			
Surrogate: Toluene-d8	*51*			*ug/L*	*50.0*		*102*	*67-127*			

LCS (2L06001-BS1) Prepared: 12/06/2012 07:07 Analyzed: 12/06/2012 11:24

Analyte	Result	Flags	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0		111	75-133			
Benzene	20		1.0	ug/L	20.0		98	81-134			
Chlorobenzene	21		1.0	ug/L	20.0		103	83-117			
Toluene	20		1.0	ug/L	20.0		99	71-118			
Trichloroethene	21		1.0	ug/L	20.0		104	74-119			
Surrogate: 4-Bromofluorobenzene	*61*			*ug/L*	*50.0*		*122*	*51-122*			
Surrogate: Dibromofluoromethane	*57*			*ug/L*	*50.0*		*113*	*68-117*			
Surrogate: Toluene-d8	*53*			*ug/L*	*50.0*		*105*	*67-127*			

Matrix Spike (2L06001-MS1) Prepared: 12/06/2012 07:07 Analyzed: 12/06/2012 11:54

Source: C214446-01

Analyte	Result	Flags	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	21		1.0	ug/L	20.0	0.21 U	106	75-133			
Benzene	19		1.0	ug/L	20.0	0.15 U	97	81-134			
Chlorobenzene	19		1.0	ug/L	20.0	0.17 U	96	83-117			
Toluene	18		1.0	ug/L	20.0	0.14 U	92	71-118			
Trichloroethene	20		1.0	ug/L	20.0	0.15 U	99	74-119			
Surrogate: 4-Bromofluorobenzene	*61*			*ug/L*	*50.0*		*121*	*51-122*			
Surrogate: Dibromofluoromethane	*55*			*ug/L*	*50.0*		*110*	*68-117*			
Surrogate: Toluene-d8	*52*			*ug/L*	*50.0*		*103*	*67-127*			

QUALITY CONTROL

Volatile Organic Compounds by GCMS - Quality Control

Batch 2L06001 - EPA 5030B_MS

Matrix Spike Dup (2L06001-MSD1) Prepared: 12/06/2012 07:07 Analyzed: 12/06/2012 12:24

Source: C214446-01

Analyte	Result	Flag	MRL	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
1,1-Dichloroethene	22		1.0	ug/L	20.0	0.21 U	108	75-133	2	20	
Benzene	19		1.0	ug/L	20.0	0.15 U	97	81-134	0.3	17	
Chlorobenzene	19		1.0	ug/L	20.0	0.17 U	97	83-117	0.4	16	
Toluene	19		1.0	ug/L	20.0	0.14 U	94	71-118	3	17	
Trichloroethene	20		1.0	ug/L	20.0	0.15 U	100	74-119	0.8	22	
Surrogate: 4-Bromofluorobenzene	*62*			*ug/L*	*50.0*		*124*	*51-122*			
Surrogate: Dibromofluoromethane	*55*			*ug/L*	*50.0*		*109*	*68-117*			
Surrogate: Toluene-d8	*52*			*ug/L*	*50.0*		*104*	*67-127*			

FLAGS/NOTES AND DEFINITIONS

B	The analyte was detected in the associated method blank.
D	The sample was analyzed at dilution.
J	The reported value is between the laboratory method detection limit (MDL) and the laboratory method reporting limit (MRL), adjusted for actual sample preparation data and moisture content, where applicable.
E	The concentration indicated for this analyte is an estimated value above the calibration range of the instrument. This value is considered an estimate.
MRL	Method Reporting Limit. The MRL is roughly equivalent to the practical quantitation limit (PQL) and is based on the low point of the calibration curve, when applicable, sample preparation factor, dilution factor, and, in the case of soil samples, moisture content.
QS-03	Surrogate recovery outside acceptance limits
QV-01	The associated continuing calibration verification standard exhibited high bias; since the result is ND, the impact on data quality is minimal.

REDACTED

Exemption 6 Personal Privacy

ENVIRONMENTAL CONSERVATION LABORATORIES CHAIN-OF-CUSTODY RECORD

10775 Central Port Dr.
Orlando, FL 32824
(407) 826-5314 Fax (407) 850-6945

4810 Executive Park Court, Suite 211
Jacksonville, FL 32216-6069
(904) 296-3007 Fax (904) 296-6210

102-A Woodwinds Industrial Ct.
Cary, NC 27511
(919) 467-3090 Fax (919) 467-3515

Page 1 of 1

Client Name	OTIE
Address	6300 Limousin Dr
City/ST/Zip	Raleigh, NC 27617
Tel	919-745-7411
Fax	
Sampler(s) Name, Affiliation (Print)	Andrew Potter, OTIE
Sampler(s) Signature	
Project Number	
Project Name/Desc	Deringer Drive
PO # / Billing Info	1403
Reporting Contact	Andrew Potter
Billing Contact	
Facility # (if required)	

Requested Analyses: 8260

Requested Turnaround Times

Note : Rush requests subject to acceptance by the facility

✓ Standard

___ Expedited

Due __/__/__

Lab Workorder: C214446

Preservation (See Codes) (Combine as necessary): H

Item #	Sample ID (Field Identification)	Collection Date	Collection Time	Comp / Grab	Matrix (see codes)	Total # of Containers	H	Sample Comments
	[redacted]	11/4	0945	Grab	DW	3	X	
	[redacted]		0945			6		MS/MSD
	[redacted]		1020			3		
	[redacted]		1100			3		
	[redacted]		1130			3		Turn ASAP!
	[redacted]		1130			3		Turn ASAP!
	[redacted]		1205			3		Turn ASAP!
	[redacted]		1245			3		
	[redacted]		1445			3		

<-- Total # of Containers

Sample Kit Prepared By	Date/Time	Relinquished By	Date/Time 11/5/21 1500	Received By	Date/Time 12-5-21 1500
Comments: trip blank received		Relinquished By	Date/Time	Received By	Date/Time
		Relinquished By	Date/Time	Received By	Date/Time
		Cooler #'s & Temps on Receipt: 1.9		Condition Upon Receipt: X Acceptable ___ Unacceptable	

Matrix : GW-Groundwater SO-Soil SE-Sediment SW-Surface Water WW-Wastewater A-Air O-Other (detail in comments)

Preservation: I-Ice H-HCl N-HNO3 S-H2SO4 NO-NaOH O-Other (detail in comments)

Note : All samples submitted to ENCO Labs are in accordance with the terms and conditions listed on the reverse of this form, unless prior written agreements exist

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