APPENDIX A

BORING LOGS

LOG OF BOREHOLE

SB-06

PROJECT NUMBER: **PE075**
PROJECT NAME: **Bridge Cleaners**
LOCATION: **39-26 30th Street, LIC, NY**
GEOLOGIST: **SM/LW**
DATE BEGUN: **12/30/14** DATE COMPLETED: **12/30/14**
BORING START **9:00** BORING COMPLETE: **10:50**

TOTAL DEPTH: **20'**
GROUND SURFACE ELEVATION: **38'**

STATIC WATER LEVEL (BLS)	
Depth (ft)	Oberserved at ~18.5 ft bgs
Time	10:50
Date	12/30/2014

Sample ID	Time	Tag	% Recovery	Sheen	Depth (Feet)	PID (ppm)	Lithology USCS	DESCRIPTION	WELL INSTALLATION
			N/A		0–5	0.3		SP: Brown dark brown medium to fine SAND, some medium Gravel, trace fine Silt; poorly sorted; dry; loose; subrounded; uniform; no odor;	
			68		5–10	0		SM: Brown fine SAND, trace medium Gravel, trace Mica; well sorted; dry; soft; subrounded; uniform; no odor;	
					10–11	0		SP: Brown fine SAND, trace medium Gravel, trace Mica; well sorted; dry; soft; subrounded; uniform; no odor;	
SB-06 (11.5' - 12')					11–12	1			
			77		12–13			SP: Dark Brown fine to medium SAND; moderately sorted; damp; medium dense; uniform; no odor;	
					13–15	0		SP: Brown fine SAND, trace Mica; well sorted; damp; medium dense; uniform; no odor;	
					15–18	0		SM: Brown fine SAND, trace Mica, trace Silt; well sorted; damp; medium dense; uniform; no odor;	
SB-06 (17.5' - 18.5')			94						
					18–20	0.8		SM: Brown fine SAND, trace Mica, trace Silt; well sorted; wet; medium dense; thinly bedded; no odor;	

DRILLING CONTRACTOR: **AARCO**
DRILLING METHOD: **Hydraulic Hammer**
DRILLING EQUIPMENT: **Geoprobe 7720 DT**
SAMPLING EQUIPMENT: **57.5" Macro Core**
LATITUDE: **40°45'9.50"N**
LONGITUDE: **73°56'4.69"W**

NOTES: **SB-06 (11.5-12') - VOCs Analysis**
SB-06 (17.5-18.5') - VOCs Analysis

LOG OF BOREHOLE

SB-07

PROJECT NUMBER: **PE075**
PROJECT NAME: **Bridge Cleaners**
LOCATION: **39-26 30th Street, LIC, NY**
GEOLOGIST: **SM/LW**
DATE BEGUN: **12/30/14** DATE COMPLETED: **12/30/14**
BORING START **10:50** BORING COMPLETE: **11:30**

TOTAL DEPTH: **20'**
GROUND SURFACE ELEVATION: **38'**

STATIC WATER LEVEL (BLS)	
Depth (ft)	Oberserved at ~18.5 ft bgs
Time	11:30
Date	12/30/2014

Sample ID	Time	Tag	% Recovery	Sheen	Depth (Feet)	PID (ppm)	Lithology USCS	DESCRIPTION	WELL INSTALLATION
SB-07 (0-4') and Duplicate			N/A		0–4	0.2		SW: Brown fine to medium SAND, some Silt, some Gravel; moderately sorted; damp; loose; uniform; no odor;	
					4–5	0		SP: Brown fine SAND, trace medium Sand; well sorted; dry; soft; uniform; no odor;	
			63		5–6	0		SM: Dark Brown fine to medium SAND, trace Silt, trace medium Gravel; well sorted; damp; soft; subrounded; uniform; no odor;	
					6–10	0		SP: Brown fine to medium SAND; well sorted; dry; soft; uniform; no odor;	
			83		10–15	0.2		SP: Brown fine to medium SAND, trace medium Pebbles, trace Mica; moderately sorted; damp; medium dense; subrounded; uniform; no odor;	
SB-07 (15 - 17.5')			94		15–17	0		SP: Brown medium SAND, trace medium Pebbles, trace Mica; moderately sorted; damp; medium dense; subrounded; thinly bedded; no odor;	
					17–20	2		SP: Brown fine SAND, some Silt, trace Mica; well sorted; wet; medium dense; thinly bedded; no odor;	

DRILLING CONTRACTOR: **AARCO**
DRILLING METHOD: **Hydraulic Hammer**
DRILLING EQUIPMENT: **Geoprobe 7720 DT**
SAMPLING EQUIPMENT: **57.5" Macro Core**
LATITUDE: **40°45'9.54"N**
LONGITUDE: **73°56'4.82"W**

NOTES: **SB-07 (0-4') - VOCs Analysis**
Duplicate - SB-07 (0-4')
SB-07 (15-17.5') - VOCs Analysis

APPENDIX B

OFF-SITE ACCESS ATTEMPTS

Integral Engineering, P.C.
61 Broadway
Suite 1601
New York, NY 10006

telephone: 212.962.4303
facsimile: 212.962.4302
www.integral-corp.com

November 26, 2014

Via Federal Express – Signature Requested

Alma Publishing Corp.
20 Fairway Ct.
Roslyn, NY 11576

Subject: **Environmental Sampling at 39-31 29th Street, Long Island City, NY 11101**

Dear Sir or Madam,

The New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) have recommended that sub-slab soil vapor and indoor air sampling be conducted at the above-mentioned property, in order to assess potential impacts from the adjacent building (the Site) located at 39-26 30th Street. As a result of historical operations, soil vapor contaminated with Volatile Organic Compounds (VOCs) may be emanating from the Site or other nearby property. On behalf of the Remedial Party responsible for the Site (Zhong Chuang Properties LLC), Integral Engineering P.C. is contacting you to request access to your property to perform the recommended sampling. **You are not responsible for any costs associated with this assessment.**

The assessment at your property would involve accessing the building to collect an indoor air sample and sub-slab soil vapor sample through the [basement] floor. An indoor air sample is collected using a small, metal container resting on a table or a tripod for an eight- or twenty-four-hour period (similar to radon testing). After the testing is complete, the container is removed and sent to the laboratory for analysis.

To obtain the sub-slab vapor sample, a small diameter hole (approximately two inches) would be drilled through the concrete slab floor. A probe would be installed into the hole and allowed to rest for approximately one week. After the rest period, a sample would be collected over an eight- or twenty-four-hour period (concurrent with the indoor air sample described above). At your discretion, we can either cap the sub-slab vapor probe with a

small cover, flush with the slab, or remove the probe and patch the floor to match the existing finish.

Both the indoor air and sub-slab soil vapor samples will be analyzed by a certified laboratory; you will be provided with the results.

Please review, sign, and return the attached consent form in the enclosed stamped and pre-addressed envelope. Please note that authorization to collect sub-slab soil vapor samples from the property will only be acknowledged by receipt of this consent form signed by the property owner or the property owner's representative. As noted on the attached consent form, please provide a time when you can be reached so that the specific activities to be conducted at your property may be discussed with you. We anticipate collecting these samples in mid-December.

Should you have any questions or concerns, please feel free to contact me at (212) 440-6702 or at kbrodock@integral-corp.com. If you have questions for the NYSDEC project manager, you may contact Ruth Curley at (518) 402-9767 or at ruth.curley@dec.ny.gov. If you have any questions regarding public health matters, please contact Christopher Doroski of NYSDOH at (518) 402-7860 or at christopher.doroski@health.ny.gov. Thank you very much for your cooperation.

Sincerely,

Keith P. Brodock, P.E.
Managing Engineer

Enclosure

cc: Ruth E. Curley, P.E.; NYSDEC
Christopher Doroski; NYSDOH

CONSENT FOR ACCESS TO PROPERTY

Name:	
Company (if any):	
Address of Property:	
Relationship to Owner:	

I (We) consent to allow Integral Engineering, P.C. (working on behalf of Zhong Chuang Properties LLC) and its authorized representatives and contractors to enter and have continued access to the above-referenced property to: (i) collect a sub-slab soil vapor sample through the basement floor; and (ii) collect an indoor air sample.

I (We) understand that upon obtaining the sample, the finished condition of the floor will be restored.

I (We) understand that Integral Engineering, P.C. will notify us at least seven days prior to initially accessing my (our) property. This written permission is given by me (us) voluntarily with knowledge of our right to refuse and without threats or promises of any kind.

_____ _____

Date Signature of Property Owner or Owner's Authorized Representative

Owner Name: _____

Address: _____

Phone _____

Preferred Meeting Date and Time: _____

FedEx® Tracking

772004793592

Ship (P/U) date :
Wed 11/26/2014 2:40 pm

NEW YORK, NY US

Delivered

Signature not required

Actual delivery :
Fri 11/28/2014 11:52 am

ROSLYN, NY US

Travel History

▲ Date/Time	Activity	Location
- 11/28/2014 - Friday		
11:52 am	Delivered Left at front door. Package delivered to recipient address - release authorized	ROSLYN, NY
8:43 am	On FedEx vehicle for delivery	GARDEN CITY, NY
7:59 am	At local FedEx facility	GARDEN CITY, NY
- 11/27/2014 - Thursday		
5:40 am	At destination sort facility	JAMAICA, NY
4:32 am	Departed FedEx location	NEWARK, NJ
- 11/26/2014 - Wednesday		
2:40 pm	Picked up	NEW YORK, NY
11:18 am	Shipment information sent to FedEx	

Shipment Facts

Tracking number	772004793592
Weight	0.5 lbs / 0.23 kgs
Total pieces	1
Shipper reference	PE075
Special handling section	Deliver Weekday, Residential Delivery

Service	FedEx Standard Overnight
Delivered To	Residence
Total shipment weight	0.5 lbs / 0.23 kgs
Packaging	FedEx Envelope

Integral Engineering, P.C.
61 Broadway
Suite 1601
New York, NY 10006

telephone: 212.962.4303
facsimile: 212.962.4302
www.integral-corp.com

November 26, 2014

Via Federal Express – Signature Requested

Frank Falco
3320 214th Street
Bayside, NY 11361

Subject: **Environmental Sampling at 39-25 29th Street, Long Island City, NY 11101**

Dear Mr. Falco,

The New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) have recommended that sub-slab soil vapor and indoor air sampling be conducted at the above-mentioned property, in order to assess potential impacts from the adjacent building (the Site) located at 39-26 30th Street. As a result of historical operations, soil vapor contaminated with Volatile Organic Compounds (VOCs) may be emanating from the Site or other nearby property. On behalf of the Remedial Party responsible for the Site (Zhong Chuang Properties LLC), Integral Engineering P.C. is contacting you to request access to your property to perform the recommended sampling. **You are not responsible for any costs associated with this assessment.**

The assessment at your property would involve accessing the building to collect an indoor air sample and sub-slab soil vapor sample through the [basement] floor. An indoor air sample is collected using a small, metal container resting on a table or a tripod for an eight- or twenty-four-hour period (similar to radon testing). After the testing is complete, the container is removed and sent to the laboratory for analysis.

To obtain the sub-slab vapor sample, a small diameter hole (approximately two inches) would be drilled through the concrete slab floor. A probe would be installed into the hole and allowed to rest for approximately one week. After the rest period, a sample would be collected over an eight- or twenty-four-hour period (concurrent with the indoor air sample described above). At your discretion, we can either cap the sub-slab vapor probe with a

small cover, flush with the slab, or remove the probe and patch the floor to match the existing finish.

Both the indoor air and sub-slab soil vapor samples will be analyzed by a certified laboratory; you will be provided with the results.

Please review, sign, and return the attached consent form in the enclosed stamped and pre-addressed envelope. Please note that authorization to collect sub-slab soil vapor samples from the property will only be acknowledged by receipt of this consent form signed by the property owner or the property owner's representative. As noted on the attached consent form, please provide a time when you can be reached so that the specific activities to be conducted at your property may be discussed with you. We anticipate collecting these samples in mid-December.

Should you have any questions or concerns, please feel free to contact me at (212) 440-6702 or at kbrodock@integral-corp.com. If you have questions for the NYSDEC project manager, you may contact Ruth Curley at (518) 402-9767 or at ruth.curley@dec.ny.gov. If you have any questions regarding public health matters, please contact Christopher Doroski of NYSDOH at (518) 402-7860 or at christopher.doroski@health.ny.gov. Thank you very much for your cooperation.

Sincerely,

Keith P. Brodock, P.E.
Managing Engineer

Enclosure

cc: Ruth E. Curley, P.E.; NYSDEC
Christopher Doroski; NYSDOH

CONSENT FOR ACCESS TO PROPERTY

Name:	
Company (if any):	
Address of Property:	
Relationship to Owner:	

I (We) consent to allow Integral Engineering, P.C. (working on behalf of Zhong Chuang Properties LLC) and its authorized representatives and contractors to enter and have continued access to the above-referenced property to: (i) collect a sub-slab soil vapor sample through the basement floor; and (ii) collect an indoor air sample.

I (We) understand that upon obtaining the sample, the finished condition of the floor will be restored.

I (We) understand that Integral Engineering, P.C. will notify us at least seven days prior to initially accessing my (our) property. This written permission is given by me (us) voluntarily with knowledge of our right to refuse and without threats or promises of any kind.

_____ _____

Date Signature of Property Owner or Owner's Authorized Representative

Owner Name: _____

Address: _____

Phone _____

Preferred Meeting Date and Time: _____

FedEx® Tracking

772004671301

Ship (P/U) date :
Wed 11/26/2014 2:40 pm
New York, NY US

Actual delivery :
Fri 11/28/2014 1:01 pm
BAYSIDE, NY US

Delivered
Signature not required

Travel History

▲ Date/Time	Activity	Location
▪ 11/28/2014 - Friday		
1:01 pm	Delivered Left at front door. Package delivered to recipient address - release authorized	BAYSIDE, NY
8:55 am	On FedEx vehicle for delivery	MASPETH, NY
7:53 am	At local FedEx facility	MASPETH, NY
▪ 11/27/2014 - Thursday		
5:40 am	At destination sort facility	JAMAICA, NY
4:32 am	Departed FedEx location	NEWARK, NJ
▪ 11/26/2014 - Wednesday		
2:40 pm	Picked up	NEW YORK, NY
11:22 am	Shipment information sent to FedEx	

Shipment Facts

Tracking number	772004671301
Weight	0.5 lbs / 0.23 kgs
Total pieces	1
Shipper reference	PE075
Special handling section	Deliver Weekday, Residential Delivery
Service	FedEx Standard Overnight
Delivered To	Residence
Total shipment weight	0.5 lbs / 0.23 kgs
Packaging	FedEx Envelope

Integral Engineering, P.C.
61 Broadway
Suite 1601
New York, NY 10006

telephone: 212.962.4303
facsimile: 212.962.4302
www.integral-corp.com

November 26, 2014

Via Federal Express – Signature Requested

JM-AM Realty Corp.
39-23 29th Street
Long Island City, NY 11101

Subject: **Environmental Sampling at 39-21/23 29th Street, Long Island City, NY 11101**

Dear Sir or Madam,

The New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) have recommended that sub-slab soil vapor and indoor air sampling be conducted at the above-mentioned property, in order to assess potential impacts from the adjacent building (the Site) located at 39-26 30th Street. As a result of historical operations, soil vapor contaminated with Volatile Organic Compounds (VOCs) may be emanating from the Site or other nearby property. On behalf of the Remedial Party responsible for the Site (Zhong Chuang Properties LLC), Integral Engineering P.C. is contacting you to request access to your property to perform the recommended sampling. **You are not responsible for any costs associated with this assessment.**

The assessment at your property would involve accessing the building to collect an indoor air sample and sub-slab soil vapor sample through the [basement] floor. An indoor air sample is collected using a small, metal container resting on a table or a tripod for an eight- or twenty-four-hour period (similar to radon testing). After the testing is complete, the container is removed and sent to the laboratory for analysis.

To obtain the sub-slab vapor sample, a small diameter hole (approximately two inches) would be drilled through the concrete slab floor. A probe would be installed into the hole and allowed to rest for approximately one week. After the rest period, a sample would be collected over an eight- or twenty-four-hour period (concurrent with the indoor air sample described above). At your discretion, we can either cap the sub-slab vapor probe with a

small cover, flush with the slab, or remove the probe and patch the floor to match the existing finish.

Both the indoor air and sub-slab soil vapor samples will be analyzed by a certified laboratory; you will be provided with the results.

Please review, sign, and return the attached consent form in the enclosed stamped and pre-addressed envelope. Please note that authorization to collect sub-slab soil vapor samples from the property will only be acknowledged by receipt of this consent form signed by the property owner or the property owner's representative. As noted on the attached consent form, please provide a time when you can be reached so that the specific activities to be conducted at your property may be discussed with you. We anticipate collecting these samples in mid-December.

Should you have any questions or concerns, please feel free to contact me at (212) 440-6702 or at kbrodock@integral-corp.com. If you have questions for the NYSDEC project manager, you may contact Ruth Curley at (518) 402-9767 or at ruth.curley@dec.ny.gov. If you have any questions regarding public health matters, please contact Christopher Doroski of NYSDOH at (518) 402-7860 or at christopher.doroski@health.ny.gov. Thank you very much for your cooperation.

Sincerely,

Keith P. Brodock, P.E.
Managing Engineer

Enclosure

cc: Ruth E. Curley, P.E.; NYSDEC
Christopher Doroski; NYSDOH

CONSENT FOR ACCESS TO PROPERTY

Name:	
Company (if any):	
Address of Property:	
Relationship to Owner:	

I (We) consent to allow Integral Engineering, P.C. (working on behalf of Zhong Chuang Properties LLC) and its authorized representatives and contractors to enter and have continued access to the above-referenced property to: (i) collect a sub-slab soil vapor sample through the basement floor; and (ii) collect an indoor air sample.

I (We) understand that upon obtaining the sample, the finished condition of the floor will be restored.

I (We) understand that Integral Engineering, P.C. will notify us at least seven days prior to initially accessing my (our) property. This written permission is given by me (us) voluntarily with knowledge of our right to refuse and without threats or promises of any kind.

_____ _____

Date Signature of Property Owner or Owner's Authorized Representative

Owner Name: _____

Address: _____

Phone _____

Preferred Meeting Date and Time: _____

FedEx® Tracking

772004513096

Ship (P/U) date :
Wed 11/26/2014 2:40 pm

New York, NY US

Delivered

Signed for by: J.MORGAN

Actual delivery :
Mon 12/01/2014 1:00 pm

LONG ISLAND CITY, NY US

Travel History

▲ Date/Time	Activity	Location
- 12/01/2014 - Monday		
1:00 pm	Delivered	LONG ISLAND CITY, NY
7:01 am	On FedEx vehicle for delivery	MASPETH, NY
- 11/28/2014 - Friday		
7:00 pm	At local FedEx facility	MASPETH, NY
9:57 am	Delivery exception Business closed - No delivery attempt	MASPETH, NY
9:52 am	At local FedEx facility	MASPETH, NY
7:59 am	At local FedEx facility	MASPETH, NY
- 11/27/2014 - Thursday		
5:40 am	At destination sort facility	JAMAICA, NY
4:32 am	Departed FedEx location	NEWARK, NJ
- 11/26/2014 - Wednesday		
2:40 pm	Picked up	NEW YORK, NY
11:21 am	Shipment information sent to FedEx	

Shipment Facts

Tracking number	772004513096
Weight	0.5 lbs / 0.23 kgs
Total pieces	1
Shipper reference	PE075
Special handling section	Deliver Weekday

Service	FedEx Standard Overnight
Delivered To	Receptionist/Front Desk
Total shipment weight	0.5 lbs / 0.23 kgs
Packaging	FedEx Envelope

Integral Engineering, P.C.
61 Broadway
Suite 1601
New York, NY 10006

telephone: 212.962.4303
facsimile: 212.962.4302
www.integral-corp.com

November 26, 2014

Via Federal Express – Signature Requested

Brazilian Missionary Church
39-22 30th Street
Long Island City, NY 11101

Subject: **Environmental Sampling at 39-22 30th Street, Long Island City, NY 11101**

Dear Sir or Madam,

The New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) have recommended that sub-slab soil vapor and indoor air sampling be conducted at the above-mentioned property, in order to assess potential impacts from the adjacent building (the Site) located at 39-26 30th Street. As a result of historical operations, soil vapor contaminated with Volatile Organic Compounds (VOCs) may be emanating from the Site or other nearby property. On behalf of the Remedial Party responsible for the Site (Zhong Chuang Properties LLC), Integral Engineering P.C. is contacting you to request access to your property to perform the recommended sampling. **You are not responsible for any costs associated with this assessment.**

The assessment at your property would involve accessing the building to collect an indoor air sample and sub-slab soil vapor sample through the [basement] floor. An indoor air sample is collected using a small, metal container resting on a table or a tripod for an eight- or twenty-four-hour period (similar to radon testing). After the testing is complete, the container is removed and sent to the laboratory for analysis.

To obtain the sub-slab vapor sample, a small diameter hole (approximately two inches) would be drilled through the concrete slab floor. A probe would be installed into the hole and allowed to rest for approximately one week. After the rest period, a sample would be collected over an eight- or twenty-four-hour period (concurrent with the indoor air sample described above). At your discretion, we can either cap the sub-slab vapor probe with a

small cover, flush with the slab, or remove the probe and patch the floor to match the existing finish.

Both the indoor air and sub-slab soil vapor samples will be analyzed by a certified laboratory; you will be provided with the results.

Please review, sign, and return the attached consent form in the enclosed stamped and pre-addressed envelope. Please note that authorization to collect sub-slab soil vapor samples from the property will only be acknowledged by receipt of this consent form signed by the property owner or the property owner's representative. As noted on the attached consent form, please provide a time when you can be reached so that the specific activities to be conducted at your property may be discussed with you. We anticipate collecting these samples in mid-December.

Should you have any questions or concerns, please feel free to contact me at (212) 440-6702 or at kbrodock@integral-corp.com. If you have questions for the NYSDEC project manager, you may contact Ruth Curley at (518) 402-9767 or at ruth.curley@dec.ny.gov. If you have any questions regarding public health matters, please contact Christopher Doroski of NYSDOH at (518) 402-7860 or at christopher.doroski@health.ny.gov. Thank you very much for your cooperation.

Sincerely,

Keith P. Brodock, P.E.
Managing Engineer

Enclosure

cc: Ruth E. Curley, P.E.; NYSDEC
Christopher Doroski; NYSDOH

CONSENT FOR ACCESS TO PROPERTY

Name:	
Company (if any):	
Address of Property:	
Relationship to Owner:	

I (We) consent to allow Integral Engineering, P.C. (working on behalf of Zhong Chuang Properties LLC) and its authorized representatives and contractors to enter and have continued access to the above-referenced property to: (i) collect a sub-slab soil vapor sample through the basement floor; and (ii) collect an indoor air sample.

I (We) understand that upon obtaining the sample, the finished condition of the floor will be restored.

I (We) understand that Integral Engineering, P.C. will notify us at least seven days prior to initially accessing my (our) property. This written permission is given by me (us) voluntarily with knowledge of our right to refuse and without threats or promises of any kind.

_____ _____

Date Signature of Property Owner or Owner's Authorized Representative

Owner Name: _____

Address: _____

Phone _____

Preferred Meeting Date and Time: _____

FedEx® Tracking

772004381201

Ship (P/U) date :
Wed 11/26/2014 2:40 pm

New York, NY US

Estimated delivery :
N/A

LONG ISLAND CITY, NY US

Delivery exception

MASPETH, NY

Unable to deliver shipment, returned to shipper

Recommended action:
No action is required. The package is being returned to the shipper.

No estimated delivery date available at this time.

Travel History

Date/Time	Activity	Location
- 12/04/2014 - Thursday		
8:28 pm	Returning package to shipper Return tracking number 619196611887	MASPETH, NY
- 12/03/2014 - Wednesday		
9:29 pm	At local FedEx facility	MASPETH, NY
- 12/02/2014 - Tuesday		
8:52 pm	At local FedEx facility	MASPETH, NY
4:13 pm	Delivery exception Customer not available or business closed	MASPETH, NY
2:03 pm	Delivery exception Customer not available or business closed	MASPETH, NY
8:31 am	On FedEx vehicle for delivery	MASPETH, NY
- 12/01/2014 - Monday		
9:55 pm	At local FedEx facility	MASPETH, NY
7:23 pm	Delivery exception Customer not available or business closed	MASPETH, NY
6:43 pm	Delivery exception Customer not available or business closed	MASPETH, NY
1:33 pm	Delivery exception Customer not available or business closed	MASPETH, NY
7:01 am	On FedEx vehicle for delivery	MASPETH, NY
- 11/28/2014 - Friday		
7:00 pm	At local FedEx facility	MASPETH, NY
9:57 am	Delivery exception Business closed - No delivery attempt	MASPETH, NY
9:52 am	At local FedEx facility	MASPETH, NY
7:56 am	At local FedEx facility	MASPETH, NY
- 11/27/2014 - Thursday		
5:40 am	At destination sort facility	JAMAICA, NY
4:32 am	Departed FedEx location	NEWARK, NJ
- 11/26/2014 - Wednesday		
2:40 pm	Picked up	NEW YORK, NY
11:03 am	Shipment information sent to FedEx	

Shipment Facts

Tracking number	772004381201	**Service**	FedEx Standard Overnight
Door tag number	DT103847017383	**Weight**	0.5 lbs / 0.23 kgs
Total pieces	1	**Total shipment weight**	0.5 lbs / 0.23 kgs
Shipper reference	PE075	**Packaging**	FedEx Envelope

Special handling section	Deliver Weekday

Pull to open. Pull to open.

☒ 1st Attempt ☐ 2nd Attempt ☐ Final Attempt Date 12/2 Time 204
DT1038 4701 7383

☒ 1st Attempt ☐ 2nd Attempt ☐ Final Attempt Date 12/1 Time 135
DT1038 4701 7328

Returned Shipment

Original Tracking Number: 772004381201
Return Tracking Number: 619196611887

ORIGIN ID:GAMA (800) 463-3339
ROB SCAPARRO
FEDEX
58-95 MAURICE AVE

MASPETH, NY 11378
UNITED STATES US

SHIP DATE: 04DEC14
ACTWGT: 0.5 LB MAN
CAD: 25913/CAFE2806

BILL RECIPIENT

TO KEITH BRODOCK
INTEGRAL CONSULTING INC
61 BROADWAY
1601
NEW YORK NY 10006

REF: RTS 772004381201

FedEx Express

E

TUE – 09 DEC AA
EXPRESS SAVER

TRK# 0201 6191 9661 1887

E3 PCTA

10006
NY-US EWR

FID 136763 Loc: LGAA 04DEC14 20:25

1601

JFK

document here.

Integral Engineering, P.C.
61 Broadway
Suite 1601
New York, NY 10006

telephone: 212.962.4303
facsimile: 212.962.4302
www.integral-corp.com

November 26, 2014

Via Federal Express – Signature Requested

Ganesh Management LLC
39-40 30th Street
Long Island City, NY 11101

Subject: **Environmental Sampling at 39-40 30th Street, Long Island City, NY 11101**

Dear Sir or Madam,

The New York State Department of Environmental Conservation (NYSDEC) and New York State Department of Health (NYSDOH) have recommended that sub-slab soil vapor and indoor air sampling be conducted at the above-mentioned property, in order to assess potential impacts from the adjacent building (the Site) located at 39-26 30th Street. As a result of historical operations, soil vapor contaminated with Volatile Organic Compounds (VOCs) may be emanating from the Site or other nearby property. On behalf of the Remedial Party responsible for the Site (Zhong Chuang Properties LLC), Integral Engineering P.C. is contacting you to request access to your property to perform the recommended sampling. **You are not responsible for any costs associated with this assessment.**

The assessment at your property would involve accessing the building to collect an indoor air sample and sub-slab soil vapor sample through the [basement] floor. An indoor air sample is collected using a small, metal container resting on a table or a tripod for an eight- or twenty-four-hour period (similar to radon testing). After the testing is complete, the container is removed and sent to the laboratory for analysis.

To obtain the sub-slab vapor sample, a small diameter hole (approximately two inches) would be drilled through the concrete slab floor. A probe would be installed into the hole and allowed to rest for approximately one week. After the rest period, a sample would be collected over an eight- or twenty-four-hour period (concurrent with the indoor air sample described above). At your discretion, we can either cap the sub-slab vapor probe with a

small cover, flush with the slab, or remove the probe and patch the floor to match the existing finish.

Both the indoor air and sub-slab soil vapor samples will be analyzed by a certified laboratory; you will be provided with the results.

Please review, sign, and return the attached consent form in the enclosed stamped and pre-addressed envelope. Please note that authorization to collect sub-slab soil vapor samples from the property will only be acknowledged by receipt of this consent form signed by the property owner or the property owner's representative. As noted on the attached consent form, please provide a time when you can be reached so that the specific activities to be conducted at your property may be discussed with you. We anticipate collecting these samples in mid-December.

Should you have any questions or concerns, please feel free to contact me at (212) 440-6702 or at kbrodock@integral-corp.com. If you have questions for the NYSDEC project manager, you may contact Ruth Curley at (518) 402-9767 or at ruth.curley@dec.ny.gov. If you have any questions regarding public health matters, please contact Christopher Doroski of NYSDOH at (518) 402-7860 or at christopher.doroski@health.ny.gov. Thank you very much for your cooperation.

Sincerely,

Keith P. Brodock, P.E.
Managing Engineer

Enclosure

cc: Ruth E. Curley, P.E.; NYSDEC
Christopher Doroski; NYSDOH

CONSENT FOR ACCESS TO PROPERTY

Name:	
Company (if any):	
Address of Property:	
Relationship to Owner:	

I (We) consent to allow Integral Engineering, P.C. (working on behalf of Zhong Chuang Properties LLC) and its authorized representatives and contractors to enter and have continued access to the above-referenced property to: (i) collect a sub-slab soil vapor sample through the basement floor; and (ii) collect an indoor air sample.

I (We) understand that upon obtaining the sample, the finished condition of the floor will be restored.

I (We) understand that Integral Engineering, P.C. will notify us at least seven days prior to initially accessing my (our) property. This written permission is given by me (us) voluntarily with knowledge of our right to refuse and without threats or promises of any kind.

Integral Engineering, P.C. will list Ganesh Management, LLC as additional insured on its General Liability policy and will provide evidence thereof.

_____ _____

Date Signature of Property Owner or Owner's Authorized Representative

Owner Name: _____

Address: _____

Phone _____

Preferred Meeting Date and Time: _____

FedEx® Tracking

772004876548

Ship (P/U) date :
Wed 11/26/2014 2:40 pm

NEW YORK, NY US

Delivered

Signed for by: K.SHAH

Actual delivery :
Fri 11/28/2014 9:34 am

LONG ISLAND CITY, NY US

Travel History

▲ Date/Time	Activity	Location
- 11/28/2014 - Friday		
9:34 am	Delivered	LONG ISLAND CITY, NY
9:06 am	On FedEx vehicle for delivery	MASPETH, NY
7:59 am	At local FedEx facility	MASPETH, NY
- 11/27/2014 - Thursday		
5:40 am	At destination sort facility	JAMAICA, NY
4:32 am	Departed FedEx location	NEWARK, NJ
- 11/26/2014 - Wednesday		
2:40 pm	Picked up	NEW YORK, NY
11:36 am	Shipment information sent to FedEx	

Shipment Facts

Tracking number	772004876548
Weight	0.5 lbs / 0.23 kgs
Total pieces	1
Shipper reference	PE075
Special handling section	Deliver Weekday

Service	FedEx Standard Overnight
Delivered To	Receptionist/Front Desk
Total shipment weight	0.5 lbs / 0.23 kgs
Packaging	FedEx Envelope

APPENDIX C

LAB DATA REPORT

ANALYTICAL REPORT

Lab Number:	L1431287
Client:	Integral Consulting, Inc. 61 Broadway Suite 1601 New York, NY 10006-2756
ATTN:	Keith Brodock
Phone:	(212) 962-4301
Project Name:	BRIDGE CLEANERS
Project Number:	PE075
Report Date:	01/08/15

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1431287-01	SB-06 (11.5-12')	SOIL	39-26 30TH ST., LIC	12/30/14 11:30	12/30/14
L1431287-02	SB-06 (17.5-18.5')	SOIL	39-26 30TH ST., LIC	12/30/14 11:30	12/30/14
L1431287-03	SB-07 (0-4')	SOIL	39-26 30TH ST., LIC	12/30/14 10:45	12/30/14
L1431287-04	SB-07 (15-17.5')	SOIL	39-26 30TH ST., LIC	12/30/14 10:50	12/30/14
L1431287-05	DUPLICATE (12-30-14)	SOIL	39-26 30TH ST., LIC	12/30/14 10:50	12/30/14
L1431287-06	TRIP BLANK (12-30-14)	WATER	39-26 30TH ST., LIC	12/30/14 00:00	12/30/14

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287
Project Number: PE075 **Report Date:** 01/08/15

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name:	BRIDGE CLEANERS	**Lab Number:**	L1431287
Project Number:	PE075	**Report Date:**	01/08/15

Case Narrative (continued)

Report Submission

All non-detect (ND) or estimated concentrations (J-qualified) have been quantitated to the limit noted in the MDL column.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Bryan Vangel

Title: Technical Director/Representative Date: 01/08/15

ORGANICS

VOLATILES

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-01
Client ID: SB-06 (11.5-12')
Sample Location: 39-26 30TH ST., LIC
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/07/15 20:01
Analyst: MV
Percent Solids: 96%

Date Collected: 12/30/14 11:30
Date Received: 12/30/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	690	77.	1
1,1-Dichloroethane	ND		ug/kg	100	5.9	1
Chloroform	ND		ug/kg	100	26.	1
Carbon tetrachloride	ND		ug/kg	69	14.	1
1,2-Dichloropropane	ND		ug/kg	240	16.	1
Dibromochloromethane	ND		ug/kg	69	11.	1
1,1,2-Trichloroethane	ND		ug/kg	100	21.	1
Tetrachloroethene	6900		ug/kg	69	9.7	1
Chlorobenzene	ND		ug/kg	69	24.	1
Trichlorofluoromethane	ND		ug/kg	350	27.	1
1,2-Dichloroethane	ND		ug/kg	69	7.9	1
1,1,1-Trichloroethane	ND		ug/kg	69	7.7	1
Bromodichloromethane	ND		ug/kg	69	12.	1
trans-1,3-Dichloropropene	ND		ug/kg	69	8.4	1
cis-1,3-Dichloropropene	ND		ug/kg	69	8.2	1
1,3-Dichloropropene, Total	ND		ug/kg	69	8.2	1
1,1-Dichloropropene	ND		ug/kg	350	9.8	1
Bromoform	ND		ug/kg	280	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	69	7.0	1
Benzene	ND		ug/kg	69	8.2	1
Toluene	ND		ug/kg	100	14.	1
Ethylbenzene	ND		ug/kg	69	8.8	1
Chloromethane	ND		ug/kg	350	20.	1
Bromomethane	ND		ug/kg	140	23.	1
Vinyl chloride	ND		ug/kg	140	8.2	1
Chloroethane	ND		ug/kg	140	22.	1
1,1-Dichloroethene	ND		ug/kg	69	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	15.	1
Trichloroethene	ND		ug/kg	69	8.7	1
1,2-Dichlorobenzene	ND		ug/kg	350	11.	1

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-01 Date Collected: 12/30/14 11:30

Client ID: SB-06 (11.5-12') Date Received: 12/30/14

Sample Location: 39-26 30TH ST., LIC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	350	9.4	1
1,4-Dichlorobenzene	ND		ug/kg	350	9.6	1
Methyl tert butyl ether	ND		ug/kg	140	5.9	1
p/m-Xylene	ND		ug/kg	140	14.	1
o-Xylene	ND		ug/kg	140	12.	1
Xylene (Total)	ND		ug/kg	140	12.	1
cis-1,2-Dichloroethene	ND		ug/kg	69	9.9	1
1,2-Dichloroethene (total)	ND		ug/kg	69	9.9	1
Dibromomethane	ND		ug/kg	690	11.	1
Styrene	ND		ug/kg	140	28.	1
Dichlorodifluoromethane	ND		ug/kg	690	13.	1
Acetone	ND		ug/kg	690	72.	1
Carbon disulfide	ND		ug/kg	690	76.	1
2-Butanone	ND		ug/kg	690	19.	1
Vinyl acetate	ND		ug/kg	690	9.2	1
4-Methyl-2-pentanone	ND		ug/kg	690	17.	1
1,2,3-Trichloropropane	ND		ug/kg	690	11.	1
2-Hexanone	ND		ug/kg	690	46.	1
Bromochloromethane	ND		ug/kg	350	19.	1
2,2-Dichloropropane	ND		ug/kg	350	16.	1
1,2-Dibromoethane	ND		ug/kg	280	12.	1
1,3-Dichloropropane	ND		ug/kg	350	10.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	69	22.	1
Bromobenzene	ND		ug/kg	350	14.	1
n-Butylbenzene	ND		ug/kg	69	8.0	1
sec-Butylbenzene	ND		ug/kg	69	8.5	1
tert-Butylbenzene	ND		ug/kg	350	9.4	1
o-Chlorotoluene	ND		ug/kg	350	11.	1
p-Chlorotoluene	ND		ug/kg	350	9.2	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	350	28.	1
Hexachlorobutadiene	ND		ug/kg	350	16.	1
Isopropylbenzene	ND		ug/kg	69	7.2	1
p-Isopropyltoluene	ND		ug/kg	69	8.7	1
Naphthalene	ND		ug/kg	350	9.6	1
Acrylonitrile	ND		ug/kg	690	36.	1
n-Propylbenzene	ND		ug/kg	69	7.6	1
1,2,3-Trichlorobenzene	ND		ug/kg	350	10.	1
1,2,4-Trichlorobenzene	ND		ug/kg	350	13.	1
1,3,5-Trimethylbenzene	ND		ug/kg	350	10.	1

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-01 Date Collected: 12/30/14 11:30

Client ID: SB-06 (11.5-12') Date Received: 12/30/14

Sample Location: 39-26 30TH ST., LIC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	350	9.8	1
1,4-Dioxane	ND		ug/kg	6900	1000	1
1,4-Diethylbenzene	ND		ug/kg	280	11.	1
4-Ethyltoluene	ND		ug/kg	280	8.6	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	280	9.0	1
Ethyl ether	ND		ug/kg	350	18.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	350	27.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	97		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	101		70-130

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-02
Client ID: SB-06 (17.5-18.5')
Sample Location: 39-26 30TH ST., LIC
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/07/15 19:34
Analyst: MV
Percent Solids: 80%

Date Collected: 12/30/14 11:30
Date Received: 12/30/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	15	1.7	1
1,1-Dichloroethane	ND		ug/kg	2.3	0.13	1
Chloroform	ND		ug/kg	2.3	0.56	1
Carbon tetrachloride	ND		ug/kg	1.5	0.32	1
1,2-Dichloropropane	ND		ug/kg	5.3	0.34	1
Dibromochloromethane	ND		ug/kg	1.5	0.23	1
1,1,2-Trichloroethane	ND		ug/kg	2.3	0.46	1
Tetrachloroethene	87		ug/kg	1.5	0.21	1
Chlorobenzene	ND		ug/kg	1.5	0.53	1
Trichlorofluoromethane	ND		ug/kg	7.6	0.59	1
1,2-Dichloroethane	ND		ug/kg	1.5	0.17	1
1,1,1-Trichloroethane	ND		ug/kg	1.5	0.17	1
Bromodichloromethane	ND		ug/kg	1.5	0.26	1
trans-1,3-Dichloropropene	ND		ug/kg	1.5	0.18	1
cis-1,3-Dichloropropene	ND		ug/kg	1.5	0.18	1
1,3-Dichloropropene, Total	ND		ug/kg	1.5	0.18	1
1,1-Dichloropropene	ND		ug/kg	7.6	0.21	1
Bromoform	ND		ug/kg	6.1	0.36	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.5	0.15	1
Benzene	ND		ug/kg	1.5	0.18	1
Toluene	ND		ug/kg	2.3	0.30	1
Ethylbenzene	ND		ug/kg	1.5	0.19	1
Chloromethane	ND		ug/kg	7.6	0.44	1
Bromomethane	ND		ug/kg	3.0	0.51	1
Vinyl chloride	ND		ug/kg	3.0	0.18	1
Chloroethane	ND		ug/kg	3.0	0.48	1
1,1-Dichloroethene	ND		ug/kg	1.5	0.40	1
trans-1,2-Dichloroethene	ND		ug/kg	2.3	0.32	1
Trichloroethene	ND		ug/kg	1.5	0.19	1
1,2-Dichlorobenzene	ND		ug/kg	7.6	0.23	1

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-02 Date Collected: 12/30/14 11:30

Client ID: SB-06 (17.5-18.5') Date Received: 12/30/14

Sample Location: 39-26 30TH ST., LIC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	7.6	0.20	1
1,4-Dichlorobenzene	ND		ug/kg	7.6	0.21	1
Methyl tert butyl ether	ND		ug/kg	3.0	0.13	1
p/m-Xylene	ND		ug/kg	3.0	0.30	1
o-Xylene	ND		ug/kg	3.0	0.26	1
Xylene (Total)	ND		ug/kg	3.0	0.26	1
cis-1,2-Dichloroethene	ND		ug/kg	1.5	0.22	1
1,2-Dichloroethene (total)	ND		ug/kg	1.5	0.22	1
Dibromomethane	ND		ug/kg	15	0.25	1
Styrene	ND		ug/kg	3.0	0.61	1
Dichlorodifluoromethane	ND		ug/kg	15	0.29	1
Acetone	ND		ug/kg	15	1.6	1
Carbon disulfide	ND		ug/kg	15	1.7	1
2-Butanone	ND		ug/kg	15	0.41	1
Vinyl acetate	ND		ug/kg	15	0.20	1
4-Methyl-2-pentanone	ND		ug/kg	15	0.37	1
1,2,3-Trichloropropane	ND		ug/kg	15	0.25	1
2-Hexanone	ND		ug/kg	15	1.0	1
Bromochloromethane	ND		ug/kg	7.6	0.42	1
2,2-Dichloropropane	ND		ug/kg	7.6	0.34	1
1,2-Dibromoethane	ND		ug/kg	6.1	0.26	1
1,3-Dichloropropane	ND		ug/kg	7.6	0.22	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.5	0.48	1
Bromobenzene	ND		ug/kg	7.6	0.32	1
n-Butylbenzene	ND		ug/kg	1.5	0.17	1
sec-Butylbenzene	ND		ug/kg	1.5	0.18	1
tert-Butylbenzene	ND		ug/kg	7.6	0.20	1
o-Chlorotoluene	ND		ug/kg	7.6	0.24	1
p-Chlorotoluene	ND		ug/kg	7.6	0.20	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	7.6	0.60	1
Hexachlorobutadiene	ND		ug/kg	7.6	0.34	1
Isopropylbenzene	ND		ug/kg	1.5	0.16	1
p-Isopropyltoluene	ND		ug/kg	1.5	0.19	1
Naphthalene	ND		ug/kg	7.6	0.21	1
Acrylonitrile	ND		ug/kg	15	0.78	1
n-Propylbenzene	ND		ug/kg	1.5	0.16	1
1,2,3-Trichlorobenzene	ND		ug/kg	7.6	0.22	1
1,2,4-Trichlorobenzene	ND		ug/kg	7.6	0.28	1
1,3,5-Trimethylbenzene	ND		ug/kg	7.6	0.22	1

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-02 Date Collected: 12/30/14 11:30

Client ID: SB-06 (17.5-18.5') Date Received: 12/30/14

Sample Location: 39-26 30TH ST., LIC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	7.6	0.21	1
1,4-Dioxane	ND		ug/kg	150	22.	1
1,4-Diethylbenzene	ND		ug/kg	6.1	0.24	1
4-Ethyltoluene	ND		ug/kg	6.1	0.19	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	6.1	0.20	1
Ethyl ether	ND		ug/kg	7.6	0.39	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	7.6	0.59	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-03
Client ID: SB-07 (0-4')
Sample Location: 39-26 30TH ST., LIC
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/07/15 20:28
Analyst: MV
Percent Solids: 88%

Date Collected: 12/30/14 10:45
Date Received: 12/30/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	550	61.	1
1,1-Dichloroethane	ND		ug/kg	82	4.7	1
Chloroform	ND		ug/kg	82	20.	1
Carbon tetrachloride	ND		ug/kg	55	12.	1
1,2-Dichloropropane	ND		ug/kg	190	12.	1
Dibromochloromethane	ND		ug/kg	55	8.4	1
1,1,2-Trichloroethane	ND		ug/kg	82	17.	1
Tetrachloroethene	4800		ug/kg	55	7.7	1
Chlorobenzene	ND		ug/kg	55	19.	1
Trichlorofluoromethane	ND		ug/kg	270	21.	1
1,2-Dichloroethane	ND		ug/kg	55	6.2	1
1,1,1-Trichloroethane	ND		ug/kg	55	6.1	1
Bromodichloromethane	ND		ug/kg	55	9.5	1
trans-1,3-Dichloropropene	ND		ug/kg	55	6.6	1
cis-1,3-Dichloropropene	ND		ug/kg	55	6.5	1
1,3-Dichloropropene, Total	ND		ug/kg	55	6.5	1
1,1-Dichloropropene	ND		ug/kg	270	7.8	1
Bromoform	ND		ug/kg	220	13.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	55	5.5	1
Benzene	ND		ug/kg	55	6.5	1
Toluene	ND		ug/kg	82	11.	1
Ethylbenzene	ND		ug/kg	55	7.0	1
Chloromethane	ND		ug/kg	270	16.	1
Bromomethane	ND		ug/kg	110	18.	1
Vinyl chloride	ND		ug/kg	110	6.4	1
Chloroethane	ND		ug/kg	110	17.	1
1,1-Dichloroethene	ND		ug/kg	55	14.	1
trans-1,2-Dichloroethene	ND		ug/kg	82	12.	1
Trichloroethene	ND		ug/kg	55	6.9	1
1,2-Dichlorobenzene	ND		ug/kg	270	8.4	1

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-03 Date Collected: 12/30/14 10:45

Client ID: SB-07 (0-4') Date Received: 12/30/14

Sample Location: 39-26 30TH ST., LIC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	270	7.4	1
1,4-Dichlorobenzene	ND		ug/kg	270	7.6	1
Methyl tert butyl ether	ND		ug/kg	110	4.6	1
p/m-Xylene	ND		ug/kg	110	11.	1
o-Xylene	ND		ug/kg	110	9.4	1
Xylene (Total)	ND		ug/kg	110	9.4	1
cis-1,2-Dichloroethene	ND		ug/kg	55	7.8	1
1,2-Dichloroethene (total)	ND		ug/kg	55	7.8	1
Dibromomethane	ND		ug/kg	550	9.0	1
Styrene	ND		ug/kg	110	22.	1
Dichlorodifluoromethane	ND		ug/kg	550	10.	1
Acetone	ND		ug/kg	550	57.	1
Carbon disulfide	ND		ug/kg	550	60.	1
2-Butanone	ND		ug/kg	550	15.	1
Vinyl acetate	ND		ug/kg	550	7.3	1
4-Methyl-2-pentanone	ND		ug/kg	550	13.	1
1,2,3-Trichloropropane	ND		ug/kg	550	8.9	1
2-Hexanone	ND		ug/kg	550	37.	1
Bromochloromethane	ND		ug/kg	270	15.	1
2,2-Dichloropropane	ND		ug/kg	270	12.	1
1,2-Dibromoethane	ND		ug/kg	220	9.6	1
1,3-Dichloropropane	ND		ug/kg	270	8.0	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	55	17.	1
Bromobenzene	ND		ug/kg	270	11.	1
n-Butylbenzene	ND		ug/kg	55	6.3	1
sec-Butylbenzene	ND		ug/kg	55	6.7	1
tert-Butylbenzene	ND		ug/kg	270	7.4	1
o-Chlorotoluene	ND		ug/kg	270	8.8	1
p-Chlorotoluene	ND		ug/kg	270	7.3	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	270	22.	1
Hexachlorobutadiene	ND		ug/kg	270	12.	1
Isopropylbenzene	ND		ug/kg	55	5.7	1
p-Isopropyltoluene	ND		ug/kg	55	6.9	1
Naphthalene	ND		ug/kg	270	7.6	1
Acrylonitrile	ND		ug/kg	550	28.	1
n-Propylbenzene	ND		ug/kg	55	6.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	270	8.1	1
1,2,4-Trichlorobenzene	ND		ug/kg	270	10.	1
1,3,5-Trimethylbenzene	ND		ug/kg	270	7.9	1

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-03 Date Collected: 12/30/14 10:45

Client ID: SB-07 (0-4') Date Received: 12/30/14

Sample Location: 39-26 30TH ST., LIC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	270	7.8	1
1,4-Dioxane	ND		ug/kg	5500	790	1
1,4-Diethylbenzene	ND		ug/kg	220	8.8	1
4-Ethyltoluene	ND		ug/kg	220	6.8	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	220	7.2	1
Ethyl ether	ND		ug/kg	270	14.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	270	22.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	99		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	100		70-130

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-04
Client ID: SB-07 (15-17.5')
Sample Location: 39-26 30TH ST., LIC
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/07/15 20:54
Analyst: MV
Percent Solids: 94%

Date Collected: 12/30/14 10:50
Date Received: 12/30/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	680	75.	1
1,1-Dichloroethane	ND		ug/kg	100	5.8	1
Chloroform	ND		ug/kg	100	25.	1
Carbon tetrachloride	ND		ug/kg	68	14.	1
1,2-Dichloropropane	ND		ug/kg	240	16.	1
Dibromochloromethane	ND		ug/kg	68	10.	1
1,1,2-Trichloroethane	ND		ug/kg	100	21.	1
Tetrachloroethene	1800		ug/kg	68	9.5	1
Chlorobenzene	ND		ug/kg	68	24.	1
Trichlorofluoromethane	ND		ug/kg	340	26.	1
1,2-Dichloroethane	ND		ug/kg	68	7.7	1
1,1,1-Trichloroethane	ND		ug/kg	68	7.5	1
Bromodichloromethane	ND		ug/kg	68	12.	1
trans-1,3-Dichloropropene	ND		ug/kg	68	8.2	1
cis-1,3-Dichloropropene	ND		ug/kg	68	8.0	1
1,3-Dichloropropene, Total	ND		ug/kg	68	8.0	1
1,1-Dichloropropene	ND		ug/kg	340	9.6	1
Bromoform	ND		ug/kg	270	16.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	68	6.9	1
Benzene	ND		ug/kg	68	8.0	1
Toluene	ND		ug/kg	100	13.	1
Ethylbenzene	ND		ug/kg	68	8.7	1
Chloromethane	ND		ug/kg	340	20.	1
Bromomethane	ND		ug/kg	140	23.	1
Vinyl chloride	ND		ug/kg	140	8.0	1
Chloroethane	ND		ug/kg	140	22.	1
1,1-Dichloroethene	ND		ug/kg	68	18.	1
trans-1,2-Dichloroethene	ND		ug/kg	100	14.	1
Trichloroethene	ND		ug/kg	68	8.5	1
1,2-Dichlorobenzene	ND		ug/kg	340	10.	1

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-04 Date Collected: 12/30/14 10:50

Client ID: SB-07 (15-17.5') Date Received: 12/30/14

Sample Location: 39-26 30TH ST., LIC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	340	9.2	1
1,4-Dichlorobenzene	ND		ug/kg	340	9.4	1
Methyl tert butyl ether	ND		ug/kg	140	5.7	1
p/m-Xylene	ND		ug/kg	140	13.	1
o-Xylene	ND		ug/kg	140	12.	1
Xylene (Total)	ND		ug/kg	140	12.	1
cis-1,2-Dichloroethene	ND		ug/kg	68	9.7	1
1,2-Dichloroethene (total)	ND		ug/kg	68	9.7	1
Dibromomethane	ND		ug/kg	680	11.	1
Styrene	ND		ug/kg	140	27.	1
Dichlorodifluoromethane	ND		ug/kg	680	13.	1
Acetone	ND		ug/kg	680	70.	1
Carbon disulfide	ND		ug/kg	680	75.	1
2-Butanone	ND		ug/kg	680	18.	1
Vinyl acetate	ND		ug/kg	680	9.0	1
4-Methyl-2-pentanone	ND		ug/kg	680	17.	1
1,2,3-Trichloropropane	ND		ug/kg	680	11.	1
2-Hexanone	ND		ug/kg	680	45.	1
Bromochloromethane	ND		ug/kg	340	19.	1
2,2-Dichloropropane	ND		ug/kg	340	15.	1
1,2-Dibromoethane	ND		ug/kg	270	12.	1
1,3-Dichloropropane	ND		ug/kg	340	9.9	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	68	22.	1
Bromobenzene	ND		ug/kg	340	14.	1
n-Butylbenzene	ND		ug/kg	68	7.8	1
sec-Butylbenzene	ND		ug/kg	68	8.3	1
tert-Butylbenzene	ND		ug/kg	340	9.2	1
o-Chlorotoluene	ND		ug/kg	340	11.	1
p-Chlorotoluene	ND		ug/kg	340	9.0	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	340	27.	1
Hexachlorobutadiene	ND		ug/kg	340	16.	1
Isopropylbenzene	ND		ug/kg	68	7.1	1
p-Isopropyltoluene	ND		ug/kg	68	8.5	1
Naphthalene	ND		ug/kg	340	9.4	1
Acrylonitrile	ND		ug/kg	680	35.	1
n-Propylbenzene	ND		ug/kg	68	7.4	1
1,2,3-Trichlorobenzene	ND		ug/kg	340	10.	1
1,2,4-Trichlorobenzene	ND		ug/kg	340	12.	1
1,3,5-Trimethylbenzene	ND		ug/kg	340	9.8	1

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-04 Date Collected: 12/30/14 10:50

Client ID: SB-07 (15-17.5') Date Received: 12/30/14

Sample Location: 39-26 30TH ST., LIC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	340	9.6	1
1,4-Dioxane	ND		ug/kg	6800	980	1
1,4-Diethylbenzene	ND		ug/kg	270	11.	1
4-Ethyltoluene	ND		ug/kg	270	8.4	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	270	8.9	1
Ethyl ether	ND		ug/kg	340	18.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	340	27.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	98		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	98		70-130
Dibromofluoromethane	102		70-130

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-05
Client ID: DUPLICATE (12-30-14)
Sample Location: 39-26 30TH ST., LIC
Matrix: Soil
Analytical Method: 1,8260C
Analytical Date: 01/07/15 21:21
Analyst: MV
Percent Solids: 79%

Date Collected: 12/30/14 10:50
Date Received: 12/30/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
Methylene chloride	ND		ug/kg	730	81.	1
1,1-Dichloroethane	ND		ug/kg	110	6.3	1
Chloroform	ND		ug/kg	110	27.	1
Carbon tetrachloride	ND		ug/kg	73	15.	1
1,2-Dichloropropane	ND		ug/kg	260	17.	1
Dibromochloromethane	ND		ug/kg	73	11.	1
1,1,2-Trichloroethane	ND		ug/kg	110	22.	1
Tetrachloroethene	9600		ug/kg	73	10.	1
Chlorobenzene	ND		ug/kg	73	26.	1
Trichlorofluoromethane	ND		ug/kg	370	28.	1
1,2-Dichloroethane	ND		ug/kg	73	8.3	1
1,1,1-Trichloroethane	ND		ug/kg	73	8.1	1
Bromodichloromethane	ND		ug/kg	73	13.	1
trans-1,3-Dichloropropene	ND		ug/kg	73	8.8	1
cis-1,3-Dichloropropene	ND		ug/kg	73	8.6	1
1,3-Dichloropropene, Total	ND		ug/kg	73	8.6	1
1,1-Dichloropropene	ND		ug/kg	370	10.	1
Bromoform	ND		ug/kg	290	17.	1
1,1,2,2-Tetrachloroethane	ND		ug/kg	73	7.4	1
Benzene	ND		ug/kg	73	8.6	1
Toluene	ND		ug/kg	110	14.	1
Ethylbenzene	ND		ug/kg	73	9.3	1
Chloromethane	ND		ug/kg	370	22.	1
Bromomethane	ND		ug/kg	150	25.	1
Vinyl chloride	ND		ug/kg	150	8.6	1
Chloroethane	ND		ug/kg	150	23.	1
1,1-Dichloroethene	ND		ug/kg	73	19.	1
trans-1,2-Dichloroethene	ND		ug/kg	110	16.	1
Trichloroethene	ND		ug/kg	73	9.2	1
1,2-Dichlorobenzene	ND		ug/kg	370	11.	1

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-05 Date Collected: 12/30/14 10:50

Client ID: DUPLICATE (12-30-14) Date Received: 12/30/14

Sample Location: 39-26 30TH ST., LIC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/kg	370	9.9	1
1,4-Dichlorobenzene	ND		ug/kg	370	10.	1
Methyl tert butyl ether	ND		ug/kg	150	6.2	1
p/m-Xylene	ND		ug/kg	150	14.	1
o-Xylene	ND		ug/kg	150	12.	1
Xylene (Total)	ND		ug/kg	150	12.	1
cis-1,2-Dichloroethene	ND		ug/kg	73	10.	1
1,2-Dichloroethene (total)	ND		ug/kg	73	10.	1
Dibromomethane	ND		ug/kg	730	12.	1
Styrene	ND		ug/kg	150	29.	1
Dichlorodifluoromethane	ND		ug/kg	730	14.	1
Acetone	ND		ug/kg	730	76.	1
Carbon disulfide	ND		ug/kg	730	81.	1
2-Butanone	ND		ug/kg	730	20.	1
Vinyl acetate	ND		ug/kg	730	9.7	1
4-Methyl-2-pentanone	ND		ug/kg	730	18.	1
1,2,3-Trichloropropane	ND		ug/kg	730	12.	1
2-Hexanone	ND		ug/kg	730	49.	1
Bromochloromethane	ND		ug/kg	370	20.	1
2,2-Dichloropropane	ND		ug/kg	370	16.	1
1,2-Dibromoethane	ND		ug/kg	290	13.	1
1,3-Dichloropropane	ND		ug/kg	370	11.	1
1,1,1,2-Tetrachloroethane	ND		ug/kg	73	23.	1
Bromobenzene	ND		ug/kg	370	15.	1
n-Butylbenzene	ND		ug/kg	73	8.4	1
sec-Butylbenzene	ND		ug/kg	73	8.9	1
tert-Butylbenzene	ND		ug/kg	370	9.9	1
o-Chlorotoluene	ND		ug/kg	370	12.	1
p-Chlorotoluene	ND		ug/kg	370	9.7	1
1,2-Dibromo-3-chloropropane	ND		ug/kg	370	29.	1
Hexachlorobutadiene	ND		ug/kg	370	17.	1
Isopropylbenzene	ND		ug/kg	73	7.6	1
p-Isopropyltoluene	ND		ug/kg	73	9.2	1
Naphthalene	ND		ug/kg	370	10.	1
Acrylonitrile	ND		ug/kg	730	38.	1
n-Propylbenzene	ND		ug/kg	73	8.0	1
1,2,3-Trichlorobenzene	ND		ug/kg	370	11.	1
1,2,4-Trichlorobenzene	ND		ug/kg	370	13.	1
1,3,5-Trimethylbenzene	ND		ug/kg	370	10.	1

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-05 Date Collected: 12/30/14 10:50

Client ID: DUPLICATE (12-30-14) Date Received: 12/30/14

Sample Location: 39-26 30TH ST., LIC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by 8260/5035 - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/kg	370	10.	1
1,4-Dioxane	ND		ug/kg	7300	1000	1
1,4-Diethylbenzene	ND		ug/kg	290	12.	1
4-Ethyltoluene	ND		ug/kg	290	9.1	1
1,2,4,5-Tetramethylbenzene	ND		ug/kg	290	9.5	1
Ethyl ether	ND		ug/kg	370	19.	1
trans-1,4-Dichloro-2-butene	ND		ug/kg	370	29.	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	95		70-130
Toluene-d8	100		70-130
4-Bromofluorobenzene	96		70-130
Dibromofluoromethane	98		70-130

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-06
Client ID: TRIP BLANK (12-30-14)
Sample Location: 39-26 30TH ST., LIC
Matrix: Water
Analytical Method: 1,8260C
Analytical Date: 01/06/15 14:40
Analyst: PD

Date Collected: 12/30/14 00:00
Date Received: 12/30/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
Methylene chloride	ND		ug/l	2.5	0.70	1
1,1-Dichloroethane	ND		ug/l	2.5	0.70	1
Chloroform	ND		ug/l	2.5	0.70	1
Carbon tetrachloride	ND		ug/l	0.50	0.13	1
1,2-Dichloropropane	ND		ug/l	1.0	0.13	1
Dibromochloromethane	ND		ug/l	0.50	0.15	1
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50	1
Tetrachloroethene	ND		ug/l	0.50	0.18	1
Chlorobenzene	ND		ug/l	2.5	0.70	1
Trichlorofluoromethane	ND		ug/l	2.5	0.70	1
1,2-Dichloroethane	ND		ug/l	0.50	0.13	1
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70	1
Bromodichloromethane	ND		ug/l	0.50	0.19	1
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16	1
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14	1
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14	1
1,1-Dichloropropene	ND		ug/l	2.5	0.70	1
Bromoform	ND		ug/l	2.0	0.65	1
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14	1
Benzene	ND		ug/l	0.50	0.16	1
Toluene	ND		ug/l	2.5	0.70	1
Ethylbenzene	ND		ug/l	2.5	0.70	1
Chloromethane	ND		ug/l	2.5	0.70	1
Bromomethane	ND		ug/l	2.5	0.70	1
Vinyl chloride	ND		ug/l	1.0	0.33	1
Chloroethane	ND		ug/l	2.5	0.70	1
1,1-Dichloroethene	ND		ug/l	0.50	0.14	1
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
Trichloroethene	ND		ug/l	0.50	0.18	1
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70	1

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-06 Date Collected: 12/30/14 00:00

Client ID: TRIP BLANK (12-30-14) Date Received: 12/30/14

Sample Location: 39-26 30TH ST., LIC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70	1
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70	1
Methyl tert butyl ether	ND		ug/l	2.5	0.70	1
p/m-Xylene	ND		ug/l	2.5	0.70	1
o-Xylene	ND		ug/l	2.5	0.70	1
Xylenes, Total	ND		ug/l	2.5	0.70	1
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70	1
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70	1
Dibromomethane	ND		ug/l	5.0	1.0	1
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70	1
Acrylonitrile	ND		ug/l	5.0	1.5	1
Styrene	ND		ug/l	2.5	0.70	1
Dichlorodifluoromethane	ND		ug/l	5.0	1.0	1
Acetone	ND		ug/l	5.0	1.5	1
Carbon disulfide	ND		ug/l	5.0	1.0	1
2-Butanone	ND		ug/l	5.0	1.9	1
Vinyl acetate	ND		ug/l	5.0	1.0	1
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0	1
2-Hexanone	ND		ug/l	5.0	1.0	1
Bromochloromethane	ND		ug/l	2.5	0.70	1
2,2-Dichloropropane	ND		ug/l	2.5	0.70	1
1,2-Dibromoethane	ND		ug/l	2.0	0.65	1
1,3-Dichloropropane	ND		ug/l	2.5	0.70	1
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70	1
Bromobenzene	ND		ug/l	2.5	0.70	1
n-Butylbenzene	ND		ug/l	2.5	0.70	1
sec-Butylbenzene	ND		ug/l	2.5	0.70	1
tert-Butylbenzene	ND		ug/l	2.5	0.70	1
o-Chlorotoluene	ND		ug/l	2.5	0.70	1
p-Chlorotoluene	ND		ug/l	2.5	0.70	1
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70	1
Hexachlorobutadiene	ND		ug/l	2.5	0.70	1
Isopropylbenzene	ND		ug/l	2.5	0.70	1
p-Isopropyltoluene	ND		ug/l	2.5	0.70	1
Naphthalene	1.9	J	ug/l	2.5	0.70	1
n-Propylbenzene	ND		ug/l	2.5	0.70	1
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70	1
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70	1

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-06 Date Collected: 12/30/14 00:00

Client ID: TRIP BLANK (12-30-14) Date Received: 12/30/14

Sample Location: 39-26 30TH ST., LIC Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor
Volatile Organics by GC/MS - Westborough Lab						
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70	1
1,4-Dioxane	ND		ug/l	250	41.	1
p-Diethylbenzene	ND		ug/l	2.0	0.70	1
p-Ethyltoluene	ND		ug/l	2.0	0.70	1
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65	1
Ethyl ether	ND		ug/l	2.5	0.70	1
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70	1

Surrogate	% Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	83		70-130
Toluene-d8	102		70-130
4-Bromofluorobenzene	103		70-130
Dibromofluoromethane	98		70-130

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/06/15 10:00
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG753703-3					
Methylene chloride	ND		ug/l	2.5	0.70
1,1-Dichloroethane	ND		ug/l	2.5	0.70
Chloroform	ND		ug/l	2.5	0.70
2-Chloroethylvinyl ether	ND		ug/l	10	0.70
Carbon tetrachloride	ND		ug/l	0.50	0.13
1,2-Dichloropropane	ND		ug/l	1.0	0.13
Dibromochloromethane	ND		ug/l	0.50	0.15
1,1,2-Trichloroethane	ND		ug/l	1.5	0.50
Tetrachloroethene	ND		ug/l	0.50	0.18
Chlorobenzene	ND		ug/l	2.5	0.70
Trichlorofluoromethane	ND		ug/l	2.5	0.70
1,2-Dichloroethane	ND		ug/l	0.50	0.13
1,1,1-Trichloroethane	ND		ug/l	2.5	0.70
Bromodichloromethane	ND		ug/l	0.50	0.19
trans-1,3-Dichloropropene	ND		ug/l	0.50	0.16
cis-1,3-Dichloropropene	ND		ug/l	0.50	0.14
1,3-Dichloropropene, Total	ND		ug/l	0.50	0.14
1,1-Dichloropropene	ND		ug/l	2.5	0.70
Bromoform	ND		ug/l	2.0	0.65
1,1,2,2-Tetrachloroethane	ND		ug/l	0.50	0.14
Benzene	ND		ug/l	0.50	0.16
Toluene	ND		ug/l	2.5	0.70
Ethylbenzene	ND		ug/l	2.5	0.70
Chloromethane	ND		ug/l	2.5	0.70
Bromomethane	ND		ug/l	2.5	0.70
Vinyl chloride	ND		ug/l	1.0	0.33
Chloroethane	ND		ug/l	2.5	0.70
1,1-Dichloroethene	ND		ug/l	0.50	0.14
trans-1,2-Dichloroethene	ND		ug/l	2.5	0.70

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/06/15 10:00
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG753703-3					
Trichloroethene	ND		ug/l	0.50	0.18
1,2-Dichlorobenzene	ND		ug/l	2.5	0.70
1,3-Dichlorobenzene	ND		ug/l	2.5	0.70
1,4-Dichlorobenzene	ND		ug/l	2.5	0.70
Methyl tert butyl ether	ND		ug/l	2.5	0.70
p/m-Xylene	ND		ug/l	2.5	0.70
o-Xylene	ND		ug/l	2.5	0.70
Xylenes, Total	ND		ug/l	2.5	0.70
cis-1,2-Dichloroethene	ND		ug/l	2.5	0.70
1,2-Dichloroethene, Total	ND		ug/l	2.5	0.70
Dibromomethane	ND		ug/l	5.0	1.0
1,2,3-Trichloropropane	ND		ug/l	2.5	0.70
Acrylonitrile	ND		ug/l	5.0	1.5
Diisopropyl Ether	ND		ug/l	2.0	0.65
Tert-Butyl Alcohol	ND		ug/l	10	0.90
Styrene	ND		ug/l	2.5	0.70
Dichlorodifluoromethane	ND		ug/l	5.0	1.0
Acetone	ND		ug/l	5.0	1.5
Carbon disulfide	ND		ug/l	5.0	1.0
2-Butanone	ND		ug/l	5.0	1.9
Vinyl acetate	ND		ug/l	5.0	1.0
4-Methyl-2-pentanone	ND		ug/l	5.0	1.0
2-Hexanone	ND		ug/l	5.0	1.0
Acrolein	ND		ug/l	5.0	0.63
Bromochloromethane	ND		ug/l	2.5	0.70
2,2-Dichloropropane	ND		ug/l	2.5	0.70
1,2-Dibromoethane	ND		ug/l	2.0	0.65
1,3-Dichloropropane	ND		ug/l	2.5	0.70
1,1,1,2-Tetrachloroethane	ND		ug/l	2.5	0.70

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/06/15 10:00
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG753703-3					
Bromobenzene	ND		ug/l	2.5	0.70
n-Butylbenzene	ND		ug/l	2.5	0.70
sec-Butylbenzene	ND		ug/l	2.5	0.70
tert-Butylbenzene	ND		ug/l	2.5	0.70
o-Chlorotoluene	ND		ug/l	2.5	0.70
p-Chlorotoluene	ND		ug/l	2.5	0.70
1,2-Dibromo-3-chloropropane	ND		ug/l	2.5	0.70
Hexachlorobutadiene	ND		ug/l	2.5	0.70
Isopropylbenzene	ND		ug/l	2.5	0.70
p-Isopropyltoluene	ND		ug/l	2.5	0.70
Naphthalene	ND		ug/l	2.5	0.70
n-Propylbenzene	ND		ug/l	2.5	0.70
1,2,3-Trichlorobenzene	ND		ug/l	2.5	0.70
1,2,4-Trichlorobenzene	ND		ug/l	2.5	0.70
1,3,5-Trimethylbenzene	ND		ug/l	2.5	0.70
1,2,4-Trimethylbenzene	ND		ug/l	2.5	0.70
Methyl Acetate	ND		ug/l	2.0	0.23
Ethyl Acetate	ND		ug/l	10	0.70
Cyclohexane	ND		ug/l	10	0.27
Ethyl-Tert-Butyl-Ether	ND		ug/l	2.5	0.70
Tertiary-Amyl Methyl Ether	ND		ug/l	2.0	0.28
1,4-Dioxane	ND		ug/l	250	41.
Freon-113	ND		ug/l	2.5	0.70
p-Diethylbenzene	ND		ug/l	2.0	0.70
p-Ethyltoluene	ND		ug/l	2.0	0.70
1,2,4,5-Tetramethylbenzene	ND		ug/l	2.0	0.65
Tetrahydrofuran	ND		ug/l	5.0	1.5
Ethyl ether	ND		ug/l	2.5	0.70
trans-1,4-Dichloro-2-butene	ND		ug/l	2.5	0.70

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/06/15 10:00
Analyst: PD

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by GC/MS - Westborough Lab for sample(s): 06 Batch: WG753703-3					
Iodomethane	ND		ug/l	5.0	5.0
Methyl cyclohexane	ND		ug/l	10	0.40

Tentatively Identified Compounds

No Tentatively Identified Compounds	ND		ug/l

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	78		70-130
Toluene-d8	103		70-130
4-Bromofluorobenzene	114		70-130
Dibromofluoromethane	97		70-130

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/07/15 12:20
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG754173-3					
Methylene chloride	ND		ug/kg	10	1.1
1,1-Dichloroethane	ND		ug/kg	1.5	0.09
Chloroform	ND		ug/kg	1.5	0.37
Carbon tetrachloride	ND		ug/kg	1.0	0.21
1,2-Dichloropropane	ND		ug/kg	3.5	0.23
Dibromochloromethane	ND		ug/kg	1.0	0.15
2-Chloroethylvinyl ether	ND		ug/kg	20	0.62
1,1,2-Trichloroethane	ND		ug/kg	1.5	0.30
Tetrachloroethene	ND		ug/kg	1.0	0.14
Chlorobenzene	ND		ug/kg	1.0	0.35
Trichlorofluoromethane	ND		ug/kg	5.0	0.39
1,2-Dichloroethane	ND		ug/kg	1.0	0.11
1,1,1-Trichloroethane	ND		ug/kg	1.0	0.11
Bromodichloromethane	ND		ug/kg	1.0	0.17
trans-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
cis-1,3-Dichloropropene	ND		ug/kg	1.0	0.12
1,3-Dichloropropene, Total	ND		ug/kg	1.0	0.12
1,1-Dichloropropene	ND		ug/kg	5.0	0.14
Bromoform	ND		ug/kg	4.0	0.24
1,1,2,2-Tetrachloroethane	ND		ug/kg	1.0	0.10
Benzene	ND		ug/kg	1.0	0.12
Toluene	ND		ug/kg	1.5	0.19
Ethylbenzene	ND		ug/kg	1.0	0.13
Chloromethane	ND		ug/kg	5.0	0.29
Bromomethane	ND		ug/kg	2.0	0.34
Vinyl chloride	ND		ug/kg	2.0	0.12
Chloroethane	ND		ug/kg	2.0	0.32
1,1-Dichloroethene	ND		ug/kg	1.0	0.26
trans-1,2-Dichloroethene	ND		ug/kg	1.5	0.21

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/07/15 12:20
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG754173-3					
Trichloroethene	ND		ug/kg	1.0	0.12
1,2-Dichlorobenzene	ND		ug/kg	5.0	0.15
1,3-Dichlorobenzene	ND		ug/kg	5.0	0.14
1,4-Dichlorobenzene	ND		ug/kg	5.0	0.14
Methyl tert butyl ether	ND		ug/kg	2.0	0.08
p/m-Xylene	ND		ug/kg	2.0	0.20
o-Xylene	ND		ug/kg	2.0	0.17
Xylene (Total)	ND		ug/kg	2.0	0.17
cis-1,2-Dichloroethene	ND		ug/kg	1.0	0.14
1,2-Dichloroethene (total)	ND		ug/kg	1.0	0.14
Dibromomethane	ND		ug/kg	10	0.16
Styrene	ND		ug/kg	2.0	0.40
Dichlorodifluoromethane	ND		ug/kg	10	0.19
Acetone	4.0	J	ug/kg	10	1.0
Carbon disulfide	ND		ug/kg	10	1.1
2-Butanone	ND		ug/kg	10	0.27
Vinyl acetate	ND		ug/kg	10	0.13
4-Methyl-2-pentanone	ND		ug/kg	10	0.24
1,2,3-Trichloropropane	ND		ug/kg	10	0.16
2-Hexanone	ND		ug/kg	10	0.67
Bromochloromethane	ND		ug/kg	5.0	0.28
2,2-Dichloropropane	ND		ug/kg	5.0	0.23
1,2-Dibromoethane	ND		ug/kg	4.0	0.17
1,3-Dichloropropane	ND		ug/kg	5.0	0.14
1,1,1,2-Tetrachloroethane	ND		ug/kg	1.0	0.32
Bromobenzene	ND		ug/kg	5.0	0.21
n-Butylbenzene	ND		ug/kg	1.0	0.11
sec-Butylbenzene	ND		ug/kg	1.0	0.12
tert-Butylbenzene	ND		ug/kg	5.0	0.14

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/07/15 12:20
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG754173-3					
o-Chlorotoluene	ND		ug/kg	5.0	0.16
p-Chlorotoluene	ND		ug/kg	5.0	0.13
1,2-Dibromo-3-chloropropane	ND		ug/kg	5.0	0.40
Hexachlorobutadiene	ND		ug/kg	5.0	0.23
Isopropylbenzene	ND		ug/kg	1.0	0.10
p-Isopropyltoluene	ND		ug/kg	1.0	0.12
Naphthalene	ND		ug/kg	5.0	0.14
Acrylonitrile	ND		ug/kg	10	0.51
Isopropyl Ether	ND		ug/kg	4.0	0.14
tert-Butyl Alcohol	ND		ug/kg	60	2.9
n-Propylbenzene	ND		ug/kg	1.0	0.11
1,2,3-Trichlorobenzene	ND		ug/kg	5.0	0.15
1,2,4-Trichlorobenzene	ND		ug/kg	5.0	0.18
1,3,5-Trimethylbenzene	ND		ug/kg	5.0	0.14
1,2,4-Trimethylbenzene	ND		ug/kg	5.0	0.14
Methyl Acetate	ND		ug/kg	20	0.27
Ethyl Acetate	ND		ug/kg	20	0.92
Acrolein	ND		ug/kg	25	8.1
Cyclohexane	ND		ug/kg	20	0.15
1,4-Dioxane	ND		ug/kg	100	14.
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	20	0.27
1,4-Diethylbenzene	ND		ug/kg	4.0	0.16
4-Ethyltoluene	ND		ug/kg	4.0	0.12
1,2,4,5-Tetramethylbenzene	ND		ug/kg	4.0	0.13
Tetrahydrofuran	ND		ug/kg	20	1.0
Ethyl ether	ND		ug/kg	5.0	0.26
trans-1,4-Dichloro-2-butene	ND		ug/kg	5.0	0.39
Methyl cyclohexane	ND		ug/kg	4.0	0.15
Ethyl-Tert-Butyl-Ether	ND		ug/kg	4.0	0.12

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/07/15 12:20
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 02 Batch: WG754173-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	4.0	0.10

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	101		70-130

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/07/15 12:20
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-05 Batch: WG754174-3					
Methylene chloride	ND		ug/kg	500	55.
1,1-Dichloroethane	ND		ug/kg	75	4.3
Chloroform	ND		ug/kg	75	18.
Carbon tetrachloride	ND		ug/kg	50	10.
1,2-Dichloropropane	ND		ug/kg	180	11.
Dibromochloromethane	ND		ug/kg	50	7.7
2-Chloroethylvinyl ether	ND		ug/kg	1000	31.
1,1,2-Trichloroethane	ND		ug/kg	75	15.
Tetrachloroethene	ND		ug/kg	50	7.0
Chlorobenzene	ND		ug/kg	50	17.
Trichlorofluoromethane	ND		ug/kg	250	19.
1,2-Dichloroethane	ND		ug/kg	50	5.7
1,1,1-Trichloroethane	ND		ug/kg	50	5.5
Bromodichloromethane	ND		ug/kg	50	8.7
trans-1,3-Dichloropropene	ND		ug/kg	50	6.0
cis-1,3-Dichloropropene	ND		ug/kg	50	5.9
1,3-Dichloropropene, Total	ND		ug/kg	50	5.9
1,1-Dichloropropene	ND		ug/kg	250	7.1
Bromoform	ND		ug/kg	200	12.
1,1,2,2-Tetrachloroethane	ND		ug/kg	50	5.0
Benzene	ND		ug/kg	50	5.9
Toluene	ND		ug/kg	75	9.7
Ethylbenzene	ND		ug/kg	50	6.4
Chloromethane	ND		ug/kg	250	15.
Bromomethane	ND		ug/kg	100	17.
Vinyl chloride	ND		ug/kg	100	5.9
Chloroethane	ND		ug/kg	100	16.
1,1-Dichloroethene	ND		ug/kg	50	13.
trans-1,2-Dichloroethene	ND		ug/kg	75	11.

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/07/15 12:20
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-05 Batch: WG754174-3					
Trichloroethene	ND		ug/kg	50	6.2
1,2-Dichlorobenzene	ND		ug/kg	250	7.7
1,3-Dichlorobenzene	ND		ug/kg	250	6.8
1,4-Dichlorobenzene	ND		ug/kg	250	6.9
Methyl tert butyl ether	ND		ug/kg	100	4.2
p/m-Xylene	ND		ug/kg	100	9.9
o-Xylene	ND		ug/kg	100	8.6
Xylene (Total)	ND		ug/kg	100	8.6
cis-1,2-Dichloroethene	ND		ug/kg	50	7.1
1,2-Dichloroethene (total)	ND		ug/kg	50	7.1
Dibromomethane	ND		ug/kg	500	8.2
Styrene	ND		ug/kg	100	20.
Dichlorodifluoromethane	ND		ug/kg	500	9.5
Acetone	200	J	ug/kg	500	52.
Carbon disulfide	ND		ug/kg	500	55.
2-Butanone	ND		ug/kg	500	14.
Vinyl acetate	ND		ug/kg	500	6.6
4-Methyl-2-pentanone	ND		ug/kg	500	12.
1,2,3-Trichloropropane	ND		ug/kg	500	8.1
2-Hexanone	ND		ug/kg	500	33.
Bromochloromethane	ND		ug/kg	250	14.
2,2-Dichloropropane	ND		ug/kg	250	11.
1,2-Dibromoethane	ND		ug/kg	200	8.7
1,3-Dichloropropane	ND		ug/kg	250	7.3
1,1,1,2-Tetrachloroethane	ND		ug/kg	50	16.
Bromobenzene	ND		ug/kg	250	10.
n-Butylbenzene	ND		ug/kg	50	5.7
sec-Butylbenzene	ND		ug/kg	50	6.1
tert-Butylbenzene	ND		ug/kg	250	6.8

Project Name: BRIDGE CLEANERS **Lab Number:** L1431287

Project Number: PE075 **Report Date:** 01/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/07/15 12:20
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-05 Batch: WG754174-3					
o-Chlorotoluene	ND		ug/kg	250	8.0
p-Chlorotoluene	ND		ug/kg	250	6.6
1,2-Dibromo-3-chloropropane	ND		ug/kg	250	20.
Hexachlorobutadiene	ND		ug/kg	250	11.
Isopropylbenzene	ND		ug/kg	50	5.2
p-Isopropyltoluene	ND		ug/kg	50	6.2
Naphthalene	ND		ug/kg	250	6.9
Acrylonitrile	ND		ug/kg	500	26.
Isopropyl Ether	ND		ug/kg	200	7.0
tert-Butyl Alcohol	ND		ug/kg	3000	150
n-Propylbenzene	ND		ug/kg	50	5.5
1,2,3-Trichlorobenzene	ND		ug/kg	250	7.4
1,2,4-Trichlorobenzene	ND		ug/kg	250	9.1
1,3,5-Trimethylbenzene	ND		ug/kg	250	7.2
1,2,4-Trimethylbenzene	ND		ug/kg	250	7.1
Methyl Acetate	ND		ug/kg	1000	14.
Ethyl Acetate	ND		ug/kg	1000	46.
Acrolein	ND		ug/kg	1200	400
Cyclohexane	ND		ug/kg	1000	7.3
1,4-Dioxane	ND		ug/kg	5000	720
1,1,2-Trichloro-1,2,2-Trifluoroethane	ND		ug/kg	1000	14.
1,4-Diethylbenzene	ND		ug/kg	200	8.0
4-Ethyltoluene	ND		ug/kg	200	6.2
1,2,4,5-Tetramethylbenzene	ND		ug/kg	200	6.5
Tetrahydrofuran	ND		ug/kg	1000	50.
Ethyl ether	ND		ug/kg	250	13.
trans-1,4-Dichloro-2-butene	ND		ug/kg	250	20.
Methyl cyclohexane	ND		ug/kg	200	7.7
Ethyl-Tert-Butyl-Ether	ND		ug/kg	200	5.8

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

Method Blank Analysis
Batch Quality Control

Analytical Method: 1,8260C
Analytical Date: 01/07/15 12:20
Analyst: MV

Parameter	Result	Qualifier	Units	RL	MDL
Volatile Organics by 8260/5035 - Westborough Lab for sample(s): 01,03-05 Batch: WG754174-3					
Tertiary-Amyl Methyl Ether	ND		ug/kg	200	4.8

Surrogate	%Recovery	Qualifier	Acceptance Criteria
1,2-Dichloroethane-d4	96		70-130
Toluene-d8	101		70-130
4-Bromofluorobenzene	94		70-130
Dibromofluoromethane	100		70-130

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRIDGE CLEANERS

Project Number: PE075

Lab Number: L1431287

Report Date: 01/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG753703-1 WG753703-2								
Methylene chloride	107		104		70-130	3		20
1,1-Dichloroethane	112		108		70-130	4		20
Chloroform	106		103		70-130	3		20
Carbon tetrachloride	99		100		63-132	1		20
1,2-Dichloropropane	111		107		70-130	4		20
Dibromochloromethane	94		91		63-130	3		20
1,1,2-Trichloroethane	98		92		70-130	6		20
Tetrachloroethene	116		112		70-130	4		20
Chlorobenzene	115		107		75-130	7		20
Trichlorofluoromethane	94		96		62-150	2		20
1,2-Dichloroethane	90		86		70-130	5		20
1,1,1-Trichloroethane	103		103		67-130	0		20
Bromodichloromethane	97		95		67-130	2		20
trans-1,3-Dichloropropene	94		90		70-130	4		20
cis-1,3-Dichloropropene	97		92		70-130	5		20
1,1-Dichloropropene	107		105		70-130	2		20
Bromoform	95		92		54-136	3		20
1,1,2,2-Tetrachloroethane	97		93		67-130	4		20
Benzene	111		109		70-130	2		20
Toluene	117		112		70-130	4		20
Ethylbenzene	114		108		70-130	5		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRIDGE CLEANERS

Project Number: PE075

Lab Number: L1431287

Report Date: 01/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG753703-1 WG753703-2								
Chloromethane	103		102		64-130	1		20
Bromomethane	**186**	Q	**157**	Q	39-139	17		20
Vinyl chloride	97		96		55-140	1		20
Chloroethane	110		103		55-138	7		20
1,1-Dichloroethene	96		96		61-145	0		20
trans-1,2-Dichloroethene	112		112		70-130	0		20
Trichloroethene	108		107		70-130	1		20
1,2-Dichlorobenzene	106		102		70-130	4		20
1,3-Dichlorobenzene	116		109		70-130	6		20
1,4-Dichlorobenzene	110		106		70-130	4		20
Methyl tert butyl ether	79		77		63-130	3		20
p/m-Xylene	115		109		70-130	5		20
o-Xylene	109		105		70-130	4		20
cis-1,2-Dichloroethene	110		107		70-130	3		20
Dibromomethane	92		87		70-130	6		20
1,2,3-Trichloropropane	93		92		64-130	1		20
Acrylonitrile	90		84		70-130	7		20
Diisopropyl Ether	103		100		70-130	3		20
Tert-Butyl Alcohol	82		82		70-130	0		20
Styrene	105		101		70-130	4		20
Dichlorodifluoromethane	83		85		36-147	2		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG753703-1 WG753703-2								
Acetone	**40**	Q	**38**	Q	58-148	5		20
Carbon disulfide	88		87		51-130	1		20
2-Butanone	66		64		63-138	3		20
Vinyl acetate	77		73		70-130	5		20
4-Methyl-2-pentanone	80		70		59-130	13		20
2-Hexanone	61		**56**	Q	57-130	9		20
Acrolein	94		91		40-160	3		20
Bromochloromethane	108		106		70-130	2		20
2,2-Dichloropropane	107		106		63-133	1		20
1,2-Dibromoethane	89		87		70-130	2		20
1,3-Dichloropropane	95		93		70-130	2		20
1,1,1,2-Tetrachloroethane	106		105		64-130	1		20
Bromobenzene	116		112		70-130	4		20
n-Butylbenzene	115		102		53-136	12		20
sec-Butylbenzene	119		112		70-130	6		20
tert-Butylbenzene	121		114		70-130	6		20
o-Chlorotoluene	120		118		70-130	2		20
p-Chlorotoluene	118		111		70-130	6		20
1,2-Dibromo-3-chloropropane	88		88		41-144	0		20
Hexachlorobutadiene	99		89		63-130	11		20
Isopropylbenzene	124		119		70-130	4		20

Lab Control Sample Analysis
Batch Quality Control

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG753703-1 WG753703-2								
p-Isopropyltoluene	117		108		70-130	8		20
Naphthalene	**61**	Q	**68**	Q	70-130	11		20
n-Propylbenzene	120		116		69-130	3		20
1,2,3-Trichlorobenzene	76		80		70-130	5		20
1,2,4-Trichlorobenzene	72		74		70-130	3		20
1,3,5-Trimethylbenzene	120		114		64-130	5		20
1,2,4-Trimethylbenzene	121		114		70-130	6		20
Methyl Acetate	83		79		70-130	5		20
Ethyl Acetate	74		**69**	Q	70-130	7		20
Cyclohexane	112		112		70-130	0		20
Ethyl-Tert-Butyl-Ether	98		95		70-130	3		20
Tertiary-Amyl Methyl Ether	90		88		66-130	2		20
1,4-Dioxane	75		73		56-162	3		20
Freon-113	101		102		70-130	1		20
p-Diethylbenzene	114		104		70-130	9		20
p-Ethyltoluene	122		116		70-130	5		20
1,2,4,5-Tetramethylbenzene	107		102		70-130	5		20
Ethyl ether	90		88		59-134	2		20
trans-1,4-Dichloro-2-butene	84		76		70-130	10		20
Iodomethane	85		106		70-130	**22**	Q	20
Methyl cyclohexane	113		113		70-130	0		20

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRIDGE CLEANERS
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Lab Number: L1431287
Report Date: 01/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by GC/MS - Westborough Lab Associated sample(s): 06 Batch: WG753703-1 WG753703-2								

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	77		77		70-130
Toluene-d8	102		103		70-130
4-Bromofluorobenzene	101		103		70-130
Dibromofluoromethane	94		97		70-130

Lab Control Sample Analysis

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG754173-1 WG754173-2								
Methylene chloride	95		98		70-130	3		30
1,1-Dichloroethane	86		92		70-130	7		30
Chloroform	89		91		70-130	2		30
Carbon tetrachloride	83		92		70-130	10		30
1,2-Dichloropropane	90		94		70-130	4		30
Dibromochloromethane	97		98		70-130	1		30
2-Chloroethylvinyl ether	100		99		70-130	1		30
1,1,2-Trichloroethane	98		99		70-130	1		30
Tetrachloroethene	82		90		70-130	9		30
Chlorobenzene	92		96		70-130	4		30
Trichlorofluoromethane	107		123		70-139	14		30
1,2-Dichloroethane	95		96		70-130	1		30
1,1,1-Trichloroethane	83		92		70-130	10		30
Bromodichloromethane	92		95		70-130	3		30
trans-1,3-Dichloropropene	92		93		70-130	1		30
cis-1,3-Dichloropropene	90		92		70-130	2		30
1,1-Dichloropropene	81		91		70-130	12		30
Bromoform	97		98		70-130	1		30
1,1,2,2-Tetrachloroethane	96		94		70-130	2		30
Benzene	88		93		70-130	6		30
Toluene	87		95		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRIDGE CLEANERS

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG754173-1 WG754173-2								
Ethylbenzene	86		93		70-130	8		30
Chloromethane	80		89		52-130	11		30
Bromomethane	132		142		57-147	7		30
Vinyl chloride	100		114		67-130	13		30
Chloroethane	119		134		50-151	12		30
1,1-Dichloroethene	82		92		65-135	11		30
trans-1,2-Dichloroethene	84		92		70-130	9		30
Trichloroethene	86		92		70-130	7		30
1,2-Dichlorobenzene	95		97		70-130	2		30
1,3-Dichlorobenzene	93		96		70-130	3		30
1,4-Dichlorobenzene	94		98		70-130	4		30
Methyl tert butyl ether	93		93		66-130	0		30
p/m-Xylene	90		97		70-130	7		30
o-Xylene	91		96		70-130	5		30
cis-1,2-Dichloroethene	91		96		70-130	5		30
Dibromomethane	99		98		70-130	1		30
Styrene	95		100		70-130	5		30
Dichlorodifluoromethane	77		88		30-146	13		30
Acetone	110		106		54-140	4		30
Carbon disulfide	79		87		59-130	10		30
2-Butanone	113		110		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRIDGE CLEANERS

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG754173-1 WG754173-2								
Vinyl acetate	91		91		70-130	0		30
4-Methyl-2-pentanone	92		91		70-130	1		30
1,2,3-Trichloropropane	97		94		68-130	3		30
2-Hexanone	80		80		70-130	0		30
Bromochloromethane	100		100		70-130	0		30
2,2-Dichloropropane	77		86		70-130	11		30
1,2-Dibromoethane	98		101		70-130	3		30
1,3-Dichloropropane	95		97		69-130	2		30
1,1,1,2-Tetrachloroethane	92		95		70-130	3		30
Bromobenzene	91		92		70-130	1		30
n-Butylbenzene	86		95		70-130	10		30
sec-Butylbenzene	85		94		70-130	10		30
tert-Butylbenzene	85		92		70-130	8		30
o-Chlorotoluene	103		108		70-130	5		30
p-Chlorotoluene	88		92		70-130	4		30
1,2-Dibromo-3-chloropropane	96		92		68-130	4		30
Hexachlorobutadiene	72		81		67-130	12		30
Isopropylbenzene	85		91		70-130	7		30
p-Isopropyltoluene	86		93		70-130	8		30
Naphthalene	92		92		70-130	0		30
Acrylonitrile	102		98		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRIDGE CLEANERS

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG754173-1 WG754173-2								
Isopropyl Ether	89		92		66-130	3		30
tert-Butyl Alcohol	83		83		70-130	0		30
n-Propylbenzene	85		92		70-130	8		30
1,2,3-Trichlorobenzene	88		89		70-130	1		30
1,2,4-Trichlorobenzene	87		90		70-130	3		30
1,3,5-Trimethylbenzene	86		91		70-130	6		30
1,2,4-Trimethylbenzene	88		92		70-130	4		30
Methyl Acetate	96		96		51-146	0		30
Ethyl Acetate	93		82		70-130	13		30
Acrolein	93		91		70-130	2		30
Cyclohexane	78		90		59-142	14		30
1,4-Dioxane	97		92		65-136	5		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	84		95		50-139	12		30
1,4-Diethylbenzene	86		93		70-130	8		30
4-Ethyltoluene	88		94		70-130	7		30
1,2,4,5-Tetramethylbenzene	86		90		70-130	5		30
Tetrahydrofuran	87		85		66-130	2		30
Ethyl ether	**132**	Q	**135**	Q	67-130	2		30
trans-1,4-Dichloro-2-butene	91		89		70-130	2		30
Methyl cyclohexane	78		90		70-130	14		30
Ethyl-Tert-Butyl-Ether	91		93		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRIDGE CLEANERS

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 02 Batch: WG754173-1 WG754173-2								
Tertiary-Amyl Methyl Ether	94		94		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	92		91		70-130
Dibromofluoromethane	102		102		70-130

Lab Control Sample Analysis

Batch Quality Control

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-05 Batch: WG754174-1 WG754174-2								
Methylene chloride	95		98		70-130	3		30
1,1-Dichloroethane	86		92		70-130	7		30
Chloroform	89		91		70-130	2		30
Carbon tetrachloride	83		92		70-130	10		30
1,2-Dichloropropane	90		94		70-130	4		30
Dibromochloromethane	97		98		70-130	1		30
2-Chloroethylvinyl ether	100		99		70-130	1		30
1,1,2-Trichloroethane	98		99		70-130	1		30
Tetrachloroethene	82		90		70-130	9		30
Chlorobenzene	92		96		70-130	4		30
Trichlorofluoromethane	107		123		70-139	14		30
1,2-Dichloroethane	95		96		70-130	1		30
1,1,1-Trichloroethane	83		92		70-130	10		30
Bromodichloromethane	92		95		70-130	3		30
trans-1,3-Dichloropropene	92		93		70-130	1		30
cis-1,3-Dichloropropene	90		92		70-130	2		30
1,1-Dichloropropene	81		91		70-130	12		30
Bromoform	97		98		70-130	1		30
1,1,2,2-Tetrachloroethane	96		94		70-130	2		30
Benzene	88		93		70-130	6		30
Toluene	87		95		70-130	9		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRIDGE CLEANERS

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-05 Batch: WG754174-1 WG754174-2								
Ethylbenzene	86		93		70-130	8		30
Chloromethane	80		89		52-130	11		30
Bromomethane	132		142		57-147	7		30
Vinyl chloride	100		114		67-130	13		30
Chloroethane	119		134		50-151	12		30
1,1-Dichloroethene	82		92		65-135	11		30
trans-1,2-Dichloroethene	84		92		70-130	9		30
Trichloroethene	86		92		70-130	7		30
1,2-Dichlorobenzene	95		97		70-130	2		30
1,3-Dichlorobenzene	93		96		70-130	3		30
1,4-Dichlorobenzene	94		98		70-130	4		30
Methyl tert butyl ether	93		93		66-130	0		30
p/m-Xylene	90		97		70-130	7		30
o-Xylene	91		96		70-130	5		30
cis-1,2-Dichloroethene	91		96		70-130	5		30
Dibromomethane	99		98		70-130	1		30
Styrene	95		100		70-130	5		30
Dichlorodifluoromethane	77		88		30-146	13		30
Acetone	110		106		54-140	4		30
Carbon disulfide	79		87		59-130	10		30
2-Butanone	113		110		70-130	3		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRIDGE CLEANERS

Project Number: PE075

Lab Number: L1431287

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Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-05 Batch: WG754174-1 WG754174-2								
Vinyl acetate	91		91		70-130	0		30
4-Methyl-2-pentanone	92		91		70-130	1		30
1,2,3-Trichloropropane	97		94		68-130	3		30
2-Hexanone	80		80		70-130	0		30
Bromochloromethane	100		100		70-130	0		30
2,2-Dichloropropane	77		86		70-130	11		30
1,2-Dibromoethane	98		101		70-130	3		30
1,3-Dichloropropane	95		97		69-130	2		30
1,1,1,2-Tetrachloroethane	92		95		70-130	3		30
Bromobenzene	91		92		70-130	1		30
n-Butylbenzene	86		95		70-130	10		30
sec-Butylbenzene	85		94		70-130	10		30
tert-Butylbenzene	85		92		70-130	8		30
o-Chlorotoluene	103		108		70-130	5		30
p-Chlorotoluene	88		92		70-130	4		30
1,2-Dibromo-3-chloropropane	96		92		68-130	4		30
Hexachlorobutadiene	72		81		67-130	12		30
Isopropylbenzene	85		91		70-130	7		30
p-Isopropyltoluene	86		93		70-130	8		30
Naphthalene	92		92		70-130	0		30
Acrylonitrile	102		98		70-130	4		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRIDGE CLEANERS

Project Number: PE075

Lab Number: L1431287

Report Date: 01/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-05 Batch: WG754174-1 WG754174-2								
Isopropyl Ether	89		92		66-130	3		30
tert-Butyl Alcohol	83		83		70-130	0		30
n-Propylbenzene	85		92		70-130	8		30
1,2,3-Trichlorobenzene	88		89		70-130	1		30
1,2,4-Trichlorobenzene	87		90		70-130	3		30
1,3,5-Trimethylbenzene	86		91		70-130	6		30
1,2,4-Trimethylbenzene	88		92		70-130	4		30
Methyl Acetate	96		96		51-146	0		30
Ethyl Acetate	93		82		70-130	13		30
Acrolein	93		91		70-130	2		30
Cyclohexane	78		90		59-142	14		30
1,4-Dioxane	97		92		65-136	5		30
1,1,2-Trichloro-1,2,2-Trifluoroethane	84		95		50-139	12		30
1,4-Diethylbenzene	86		93		70-130	8		30
4-Ethyltoluene	88		94		70-130	7		30
1,2,4,5-Tetramethylbenzene	86		90		70-130	5		30
Tetrahydrofuran	87		85		66-130	2		30
Ethyl ether	**132**	Q	**135**	Q	67-130	2		30
trans-1,4-Dichloro-2-butene	91		89		70-130	2		30
Methyl cyclohexane	78		90		70-130	14		30
Ethyl-Tert-Butyl-Ether	91		93		70-130	2		30

Lab Control Sample Analysis

Batch Quality Control

Project Name: BRIDGE CLEANERS

Project Number: PE075

Lab Number: L1431287

Report Date: 01/08/15

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
Volatile Organics by 8260/5035 - Westborough Lab Associated sample(s): 01,03-05 Batch: WG754174-1 WG754174-2								
Tertiary-Amyl Methyl Ether	94		94		70-130	0		30

Surrogate	LCS %Recovery	Qual	LCSD %Recovery	Qual	Acceptance Criteria
1,2-Dichloroethane-d4	96		97		70-130
Toluene-d8	100		100		70-130
4-Bromofluorobenzene	92		91		70-130
Dibromofluoromethane	102		102		70-130

INORGANICS
&
MISCELLANEOUS

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-01
Client ID: SB-06 (11.5-12')
Sample Location: 39-26 30TH ST., LIC
Matrix: Soil

Date Collected: 12/30/14 11:30
Date Received: 12/30/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.5		%	0.100	NA	1	-	12/31/14 22:08	30,2540G	RT

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-02
Client ID: SB-06 (17.5-18.5')
Sample Location: 39-26 30TH ST., LIC
Matrix: Soil

Date Collected: 12/30/14 11:30
Date Received: 12/30/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.4		%	0.100	NA	1	-	12/31/14 22:08	30,2540G	RT

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-03
Client ID: SB-07 (0-4')
Sample Location: 39-26 30TH ST., LIC
Matrix: Soil

Date Collected: 12/30/14 10:45
Date Received: 12/30/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.0		%	0.100	NA	1	-	12/31/14 22:08	30,2540G	RT

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-04
Client ID: SB-07 (15-17.5')
Sample Location: 39-26 30TH ST., LIC
Matrix: Soil

Date Collected: 12/30/14 10:50
Date Received: 12/30/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.0		%	0.100	NA	1	-	12/31/14 22:08	30,2540G	RT

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

SAMPLE RESULTS

Lab ID: L1431287-05
Client ID: DUPLICATE (12-30-14)
Sample Location: 39-26 30TH ST., LIC
Matrix: Soil

Date Collected: 12/30/14 10:50
Date Received: 12/30/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	78.8		%	0.100	NA	1	-	12/31/14 22:08	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-05 QC Batch ID: WG753012-1 QC Sample: L1431286-03 Client ID: DUP Sample						
Solids, Total	85.3	85.8	%	1		20

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: 12/31/2014 01:43

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1431287-01A	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-01B	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-01C	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-01D	Plastic 2oz unpreserved for TS	A	N/A	3.8	Y	Absent	TS(7)
L1431287-01X	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)
L1431287-01Y	Vial Water preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)
L1431287-01Z	Vial Water preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)
L1431287-02A	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-02B	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-02C	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-02D	Plastic 2oz unpreserved for TS	A	N/A	3.8	Y	Absent	TS(7)
L1431287-02X	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)
L1431287-02Y	Vial Water preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)
L1431287-02Z	Vial Water preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)
L1431287-03A	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-03B	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-03C	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-03D	Plastic 2oz unpreserved for TS	A	N/A	3.8	Y	Absent	TS(7)
L1431287-03X	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)
L1431287-03Y	Vial Water preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)
L1431287-03Z	Vial Water preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)
L1431287-04A	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-04B	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-04C	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-04D	Plastic 2oz unpreserved for TS	A	N/A	3.8	Y	Absent	TS(7)
L1431287-04X	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)
L1431287-04Y	Vial Water preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)

*Values in parentheses indicate holding time in days

Project Name: BRIDGE CLEANERS
Project Number: PE075

Lab Number: L1431287
Report Date: 01/08/15

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1431287-04Z	Vial Water preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)
L1431287-05A	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-05B	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-05C	5 gram Encore Sampler	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(2)
L1431287-05D	Plastic 2oz unpreserved for TS	A	N/A	3.8	Y	Absent	TS(7)
L1431287-05X	Vial MeOH preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)
L1431287-05Y	Vial Water preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)
L1431287-05Z	Vial Water preserved split	A	N/A	3.8	Y	Absent	NYTCL-8260HLW(14)
L1431287-06A	Vial HCl preserved	A	N/A	3.8	Y	Absent	NYTCL-8260(14)
L1431287-06B	Vial HCl preserved	A	N/A	3.8	Y	Absent	NYTCL-8260(14)

*Values in parentheses indicate holding time in days

Project Name:	BRIDGE CLEANERS	**Lab Number:**	L1431287
Project Number:	PE075	**Report Date:**	01/08/15

GLOSSARY

Acronyms

EDL - Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).

EPA - Environmental Protection Agency.

LCS - Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

LCSD - Laboratory Control Sample Duplicate: Refer to LCS.

LFB - Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.

MDL - Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

MS - Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.

MSD - Matrix Spike Sample Duplicate: Refer to MS.

NA - Not Applicable.

NC - Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.

NI - Not Ignitable.

RL - Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.

RPD - Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.

SRM - Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1 - The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A - Spectra identified as "Aldol Condensation Product".

B - The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).

C - Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.

D - Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.

E - Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Report Format: DU Report with 'J' Qualifiers

Project Name:	BRIDGE CLEANERS	**Lab Number:**	L1431287
Project Number:	PE075	**Report Date:**	01/08/15

Data Qualifiers

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. The Target analyte concentration is below the quantitation limit (RL), but above the Method Detection Limit (MDL) or Estimated Detection Limit (EDL) for SPME-related analyses. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the method detection limit (MDL) for the sample, or estimated detection limit (EDL) for SPME-related analyses.

Report Format: DU Report with 'J' Qualifiers

Project Name:	BRIDGE CLEANERS	**Lab Number:**	L1431287
Project Number:	PE075	**Report Date:**	01/08/15

REFERENCES

1 Test Methods for Evaluating Solid Waste: Physical/Chemical Methods. EPA SW-846. Third Edition. Updates I - IV, 2007.

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised December 16, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE ____ OF ____

ALPHA ANALYTICAL
WESTBORO, MA TEL: 508-898-9220 FAX: 508-898-9193
MANSFIELD, MA TEL: 508-822-9300 FAX: 508-822-3288

Date Rec'd in Lab: 12/30/14

ALPHA Job #: L1431787

Client Information

Client: INTEGRAL CONSULTING INC.
Address: 61 BROADWAY SUITE 1601
NEW YORK, NY
Phone: 212-440-6715
Fax: SMCTAVISH@INTEGRAL-CORP.COM
Email: KBRODOCK@ " "
☐ These samples have been previously analyzed by Alpha

Project Information

Project Name: ~~PE0675~~ BRIDGE CLEANERS
Project Location: 39-26 30TH ST., LIC
Project #: PE0675
Project Manager: KEITH BRODOCK
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)
Date Due: 01/08/15 Time:

Report Information - Data Deliverables

☐ FAX ☒ EMAIL
☒ ADEx ☐ Add'l Deliverables

Billing Information

☐ Same as Client info PO #:

Regulatory Requirements/Report Limits

State /Fed Program	Criteria

Other Project Specific Requirements/Comments/Detection Limits:

ANALYSIS: TCL VOC's via 8260C

SAMPLE HANDLING

Filtration
☐ Done
☐ Not needed
☐ Lab to do
Preservation
☐ Lab to do
(Please specify below)

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler's Initials	TCL VOC's via 8260C	Sample Specific Comments	TOTAL # BOTTLES
1431787-01	SB-06 (11.5-12')	12/30	11:30	S	SM	X	CAT B DELIVERABLES	4
02	SB-06 (17.5-18.5')		11:30			X		4
03	SB-07 (0-4')		10:45			X		4
04	SB-07 (15-17.5')		10:50			X		2
05	DUPLICATE (12-30-14)		10:50			X		4
06	TRIP BLANK (12-30-14)	N/A	N/A	AQ	—	X		2

Container Type	E
Preservative	A

Relinquished By:	Date/Time	Received By:	Date/Time
	12/30 - 14:25	AAL	12-30-14 1425
	12-30-14	AAL	12/30/14 1700
	12-30-14 23:00		12/30/14 23:00

Please print clearly, legibly and completely. Samples can not be logged in and turnaround time clock will not start until any ambiguities are resolved. All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 14-OCT-07)