LABORATORY REPORT

June 20, 2012

William Doebler
Barton & Loguidice, PC
2402 Long Rd
Grand Island, NY 14072

RE: Ontario H2S Fenceline Monitoring / 574.120.001

Dear William:

Enclosed are the results of the samples submitted to our laboratory on June 18, 2012. For your reference, these analyses have been assigned our service request number P1202444.

All analyses were performed according to our laboratory's NELAP and DoD-ELAP-approved quality assurance program. The test results meet requirements of the current NELAP and DoD-ELAP standards, where applicable, and except as noted in the laboratory case narrative provided. For a specific list of NELAP and DoD-ELAP-accredited analytes, refer to the certifications section at www.caslab.com. Results are intended to be considered in their entirety and apply only to the samples analyzed and reported herein.

Columbia Analytical Services, Inc. is certified by the California Department of Health Services, NELAP Laboratory Certificate No. 02115CA; Arizona Department of Health Services, Certificate No. AZ0694; Florida Department of Health, NELAP Certification E871020; New Jersey Department of Environmental Protection, NELAP Laboratory Certification ID #CA009; New York State Department of Health, NELAP NY Lab ID No: 11221; Oregon Environmental Laboratory Accreditation Program, NELAP ID: CA200007; The American Industrial Hygiene Association, Laboratory #101661; United States Department of Defense Environmental Laboratory Accreditation Program (DoD-ELAP), Certificate No. L11-203; Pennsylvania Registration No. 68-03307; TX Commission of Environmental Quality, NELAP ID T104704413-11-2; Minnesota Department of Health, NELAP Certificate No. 362188; Washington State Department of Ecology, ELAP Lab ID: C946, State of Utah Department of Health, NELAP Certificate No. CA015272011-1; Los Angeles Department of Building and Safety, Approval No: TA00001. Each of the certifications listed above have an explicit Scope of Accreditation that applies to specific matrices/methods/analytes; therefore, please contact me for information corresponding to a particular certification.

If you have any questions, please call me at (805) 526-7161.

Respectfully submitted,

ALS | Environmental

Digitally signed by Sue Anderson
Date: 2012.06.20 17:59:48 -07'00'

Sue Anderson
Project Manager

Client:	Barton & Loguidice, PC	Service Request No:	P1202444
Project:	Ontario H2S Fenceline Monitoring / 574.120.001	New York Lab ID:	11221

CASE NARRATIVE

The samples were received intact under chain of custody on June 18, 2012 and were stored in accordance with the analytical method requirements. Please refer to the sample acceptance check form for additional information. The results reported herein are applicable only to the condition of the samples at the time of sample receipt.

Hydrogen Sulfide in Air (H_2S) Analysis

The samples were prepared in accordance with CAS AQL 110 for hydrogen sulfide in air and analyzed by colorimetric method using a spectrophotometer.

The results of analyses are given in the attached laboratory report. All results are intended to be considered in their entirety, and Columbia Analytical Services, Inc. (CAS) is not responsible for utilization of less than the complete report.

Use of Columbia Analytical Services, Inc. (CAS) Name. Client shall not use CAS's name or trademark in any marketing or reporting materials, press releases or in any other manner ("Materials") whatsoever and shall not attribute to CAS any test result, tolerance or specification derived from CAS's data ("Attribution") without CAS's prior written consent, which may be withheld by CAS for any reason in its sole discretion. To request CAS's consent, Client shall provide copies of the proposed Materials or Attribution and describe in writing Client's proposed use of such Materials or Attribution. If CAS has not provided written approval of the Materials or Attribution within ten (10) days of receipt from Client, Client's request to use CAS's name or trademark in any Materials or Attribution shall be deemed denied. CAS may, in its discretion, reasonably charge Client for its time in reviewing Materials or Attribution requests. Client acknowledges and agrees that the unauthorized use of CAS's name or trademark may cause CAS to incur irreparable harm for which the recovery of money damages will be inadequate. Accordingly, Client acknowledges and agrees that a violation shall justify preliminary injunctive relief. For questions contact the laboratory.

DETAIL SUMMARY REPORT

Client: Barton & Loguidice, PC
Service Request: P1202444
Project ID: Ontario H2S Fenceline Monitoring / 574.120.001

Date Received: 6/18/2012
Time Received: 07:20

Client Sample ID	Lab Code	Matrix	Date Collected	Time Collected	CAS AQL 110 - H2S Air
Location 1	P1202444-001	Air	6/15/2012	12:30	X
Location 2	P1202444-002	Air	6/15/2012	12:40	X
Location 3	P1202444-003	Air	6/15/2012	12:44	X
Location 4	P1202444-004	Air	6/15/2012	12:51	X
Location 5	P1202444-005	Air	6/15/2012	12:58	X
Location 6	P1202444-006	Air	6/15/2012	13:08	X
Duplicate	P1202444-007	Air	6/15/2012	12:30	X
Blank	P1202444-008	Air	6/15/2012	00:00	X

Columbia Analytical Services
2655 Park Center Drive, Suite A
Simi Valley, California 93065
Phone (805) 526-7161
Fax (805) 526-7270

radiello - Chain of Custody Record & Analytical Service Request

Requested Turnaround Time in Business Days (Surcharges) please circle
1 Day (100%) 2 Day (75%) 3 Day (50%) 4 Day (35%) 5 Day (25%) 10 Day-Standard

CAS Project No. P1202444

CAS Contact:

Company Name & Address (Reporting Information)
Barton + Loguidice PC
290 Elwood Davis Rd
Liverpool, NY 13088

Project Name: Ontario H_2S Fenceline Monitoring

Project Number: 574.120.001

Project Manager: Bill Doebler

P.O. # / Credit Card / Billing Information: 574.120.001

Phone: 716-352-2102

Fax:

Email Address for Result Reporting: bdoebler@bartonandloguidice.com

Analysis: (e.g. NO_2, SO_2, O_3, VOCs, Aldehyde, Ammonia)

Client Sample ID	Laboratory ID Number	Date/Time Start	Date/Time End	Total Sampling Time (minutes)	Sampling Temp 25°C assumed if not specified	Media lot number & Expiration date	H_2S			Comments
Location 1	1	6/5/12 09:47	6/15/12 12:30	14563	48-88°F	12127 Ex: 5/13	X			
Location 2	2	09:53	12:40	14564	↓	↓	↓			
Location 3	3	09:57	12:44	14563						
Location 4	4	10:03	12:51	14568						
Location 5	5	10:10	12:58	14568						
Location 6	6	10:27	13:08	14561						
Duplicate	7	09:47	12:30	14563						
Blank	8	—	—	—	—	↓	↓			

Report Tier Levels - please select one
Tier I - (Results/Default if not specified) X
Tier II (Results + QC) ____
Tier III (Data Validation Package) 10% Surcharge ____
Tier V (client specified) ____

EDD required Yes (No)
Type: ____ EDD Units: ____

Project Requirements (MRLs, QAPP)

Reliquished by: (Signature)	Date:	Time:			Received by: (Signature)	Date:	Time:
	6/15/12	15:25				6/16/12	0720
Reliquished by: (Signature)	Date:	Time:			Received by: (Signature)	Date:	Time:
Reliquished by: (Signature)	Date:	Time:			Received by: (Signature)	Date:	Time:

Cooler / Blank Temperature ____ °C

Columbia Analytical Services
Now part of the ALS Group
2655 Park Center Drive, Suite A, Simi Valley, CA 93065 | 805.526.7161 | www.caslab.com

Sample Acceptance Check Form

Client: Barton & Loguidice, PC Work order: P1202444

Project: Ontario H2S Fenceline Monitoring / 574.120.001

Sample(s) received on: 6/18/12 Date opened: 6/18/12 by: MZAMORA

Note: This form is used for all samples received by CAS. The use of this form for custody seals is strictly meant to indicate presence/absence and not as an indication of compliance or nonconformity. Thermal preservation and pH will only be evaluated either at the request of the client and/or as required by the method/SOP.

		Yes	No	N/A
1	Were **sample containers** properly marked with client sample ID?	☒	☐	☐
2	Container(s) **supplied by CAS**?	☒	☐	☐
3	Did **sample containers** arrive in good condition?	☒	☐	☐
4	Were **chain-of-custody** papers used and filled out?	☒	☐	☐
5	Did **sample container labels** and/or tags agree with custody papers?	☒	☐	☐
6	Was **sample volume** received adequate for analysis?	☒	☐	☐
7	Are samples within specified holding times?	☒	☐	☐
8	Was proper **temperature** (thermal preservation) of cooler at receipt adhered to?	☐	☐	☒
9	Was a **blank tube** received?	☐	☒	☐
10	Were **custody seals** on outside of cooler/Box?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
	Were custody seals on outside of sample container?	☐	☒	☐
	Location of seal(s)? _____ Sealing Lid?	☐	☐	☒
	Were signature and date included?	☐	☐	☒
	Were seals intact?	☐	☐	☒
11	Do containers have appropriate **preservation**, according to method/SOP or Client specified information?	☐	☐	☒
	Is there a client indication that the submitted samples are **pH** preserved?	☐	☐	☒
	Were **VOA vials** checked for presence/absence of air bubbles?	☐	☐	☒
	Does the client/method/SOP require that the analyst check the sample pH and if necessary alter it?	☐	☐	☒
12	**Tubes:** Are the tubes capped and intact?	☒	☐	☐
	Do they contain moisture?	☐	☒	☐
13	**Badges:** Are the badges properly capped and intact?	☐	☐	☒
	Are dual bed badges separated and individually capped and intact?	☐	☐	☒

Lab Sample ID	Container Description	Required pH *	Received pH	Adjusted pH	VOA Headspace (Presence/Absence)	Receipt / Preservation Comments
P1202444-001.01	Passive (Radiello H2S)					
P1202444-002.01	Passive (Radiello H2S)					
P1202444-003.01	Passive (Radiello H2S)					
P1202444-004.01	Passive (Radiello H2S)					
P1202444-005.01	Passive (Radiello H2S)					
P1202444-006.01	Passive (Radiello H2S)					
P1202444-007.01	Passive (Radiello H2S)					
P1202444-008.01	Passive (Radiello H2S)					

Explain any discrepancies: (include lab sample ID numbers): _____

RSK - MEEPP, HCL (pH<2); RSK - CO2, (pH 5-8); Sulfur (pH>4)

RESULTS OF ANALYSIS

Client: **Barton & Loguidice, PC**
Client Project ID: **Ontario H2S Fenceline Monitoring / 574.120.001** CAS Project ID: P1202444

Hydrogen Sulfide

Test Code: CAS AQL 110
Instrument ID: P-UV-Vis-01
Analyst: Sue Anderson
Sampling Media: Radiello Tube(s)
Test Notes:

Date(s) Collected: 6/15/12
Date Received: 6/18/12
Date Extracted: 6/18/12
Date Analyzed: 6/18/12
Desorption Volume: 0.010 Liter(s)

Client Sample ID	CAS Sample ID	Sampling Time Minutes	Dilution Factor	**Result ng/Sample**	**Result µg/m³**	MRL µg/m³	**Result ppbV**	MRL ppbV	Data Qualifier
Location 1	P1202444-001	14563	1.0	< 600	ND	0.64	ND	0.46	
Location 2	P1202444-002	14564	1.0	**800**	**0.85**	0.64	**0.61**	0.46	
Location 3	P1202444-003	14567	1.0	< 600	ND	0.64	ND	0.46	
Location 4	P1202444-004	14568	1.0	< 600	ND	0.64	ND	0.46	
Location 5	P1202444-005	14568	1.0	< 600	ND	0.64	ND	0.46	
Location 6	P1202444-006	14561	1.0	< 600	ND	0.64	ND	0.46	
Duplicate	P1202444-007	14563	1.0	< 600	ND	0.64	ND	0.46	
Blank	P1202444-008	NA	1.0	< 600	NA	NA	NA	NA	
Method Blank	P120618-MB	NA	1.0	< 600	NA	NA	NA	NA	

ND = Compound was analyzed for, but not detected above the laboratory reporting limit.
NA = Not applicable.

RESULTS OF ANALYSIS

Client: **Barton & Loguidice, PC**
Client Sample ID: **Duplicate Lab Control Sample**
Client Project ID: **Ontario H2S Fenceline Monitoring / 574.120.001**

CAS Project ID: P1202444
CAS Sample ID: P120618-LCS, P120618-DLCS

Laboratory Control Sample/Duplicate Laboratory Control Sample Summary

Test Code: CAS AQL 110
Instrument ID: P-UV-Vis-01
Analyst: Sue Anderson
Sampling Media: Radiello Tube(s)
Test Notes:

Date Sampled: NA
Date Received: NA
Date Analyzed: 6/18/12
Volume(s) Analyzed: NA

Compound	Spike Amount LCS / DLCS mg/L	Result LCS mg/L	Result DLCS mg/L	% Recovery LCS	% Recovery DLCS	CAS Acceptance Limits	Relative Percent Difference	RPD Limit	Data Qualifier
Hydrogen Sulfide	0.500	0.525	0.531	105	106	80-120	1	20	