



Experience is the solution

314 North Pearl Street ♦ Albany, New York 12207
(800) 848-4983 ♦ (518) 434-4546 ♦ Fax (518) 434-0891

September 25, 2017

Colleen D. Krysiak
Corning, Inc.
1 River Front Plaza
MT-HQ-01-E08
Corning, NY 14831

Work Order No: 170913070

PO#: 1007P-0000072929

TEL: (607) 974-0246

FAX: (607) 974-0805

RE: Corning Wells

Dear Colleen D. Krysiak:

Adirondack Environmental Services, Inc received 10 samples on 9/13/2017 for the analyses presented in the following report.

Please see case narrative for specifics on analysis.

If you have any questions regarding these tests results, please feel free to call.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Hess", is written over a faint, larger signature.

Christopher Hess
QA Manager

ELAP#: 10709

CLIENT: Corning, Inc.
Project: Corning Wells
Lab Order: 170913070

Date: 25-Sep-17

Sample containers were supplied by Adirondack Environmental Services.

Qualifiers: ND - Not Detected at reporting limit
J - Analyte detected below quantitation limit
B - Analyte detected in Blank
X - Exceeds maximum contamination limit
H - Hold time exceeded
N - Matrix Spike below acceptable limits
N+ - Matrix Spike is above acceptable limits
C - Details are above in Case Narrative
S - LCS Spike recovery is below acceptable limits
S+ - LCS Spike recovery is above acceptable limits
Z - Duplication outside acceptable limits
T - Tentatively Identified Compound-Estimated
E -Above quantitation range-Estimated

Note : All Results are reported as wet weight unless noted

The results relate only to the items tested. Information supplied by the client is assumed to be correct.

Adirondack Environmental Services, Inc

Date: 25-Sep-17

CLIENT: Corning, Inc.
Work Order: 170913070
Reference: Corning Wells /
PO#: 1007P-0000072929

Client Sample ID: Well #5A
Collection Date: 9/12/2017
Lab Sample ID: 170913070-001
Matrix: WASTEWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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PURGEABLE ORGANIC COMPOUNDS - EPA 524.2

Analyst: SMD

1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/15/2017 11:58:00 PM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/15/2017 11:58:00 PM
4-Methyl-2-pentanone	ND	10.0	S	µg/L	1	9/15/2017 11:58:00 PM
Acetone	ND	10.0		µg/L	1	9/15/2017 11:58:00 PM
Benzene	ND	0.5		µg/L	1	9/15/2017 11:58:00 PM
Chlorobenzene	ND	0.5		µg/L	1	9/15/2017 11:58:00 PM
Chloroform	ND	0.5		µg/L	1	9/15/2017 11:58:00 PM
Methylene chloride	ND	0.5		µg/L	1	9/15/2017 11:58:00 PM
Tetrahydrofuran	ND	10.0		µg/L	1	9/15/2017 11:58:00 PM
Toluene	ND	0.5		µg/L	1	9/15/2017 11:58:00 PM
Surr: 1,2-Dichlorobenzene-d4	92.0	88.9-116		%REC	1	9/15/2017 11:58:00 PM
Surr: 4-Bromofluorobenzene	88.1	87.2-126		%REC	1	9/15/2017 11:58:00 PM

Adirondack Environmental Services, Inc

Date: 25-Sep-17

CLIENT: Corning, Inc.
Work Order: 170913070
Reference: Corning Wells /
PO#: 1007P-0000072929

Client Sample ID: Well #9A
Collection Date: 9/12/2017
Lab Sample ID: 170913070-002
Matrix: WASTEWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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PURGEABLE ORGANIC COMPOUNDS - EPA 524.2

Analyst: SMD

1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/16/2017 12:19:00 AM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/16/2017 12:19:00 AM
4-Methyl-2-pentanone	ND	10.0	S	µg/L	1	9/16/2017 12:19:00 AM
Acetone	ND	10.0		µg/L	1	9/16/2017 12:19:00 AM
Benzene	ND	0.5		µg/L	1	9/16/2017 12:19:00 AM
Chlorobenzene	ND	0.5		µg/L	1	9/16/2017 12:19:00 AM
Chloroform	ND	0.5		µg/L	1	9/16/2017 12:19:00 AM
Methylene chloride	ND	0.5		µg/L	1	9/16/2017 12:19:00 AM
Tetrahydrofuran	ND	10.0		µg/L	1	9/16/2017 12:19:00 AM
Toluene	ND	0.5		µg/L	1	9/16/2017 12:19:00 AM
Surr: 1,2-Dichlorobenzene-d4	92.7	88.9-116		%REC	1	9/16/2017 12:19:00 AM
Surr: 4-Bromofluorobenzene	87.5	87.2-126		%REC	1	9/16/2017 12:19:00 AM

Adirondack Environmental Services, Inc

Date: 25-Sep-17

CLIENT: Corning, Inc.
 Work Order: **170913070**
 Reference: Corning Wells /
 PO#: 1007P-0000072929

Client Sample ID: Well #6A
 Collection Date: 9/12/2017
 Lab Sample ID: 170913070-003
 Matrix: WASTEWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
PURGEABLE ORGANIC COMPOUNDS - EPA 524.2						Analyst: SMD
1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/16/2017 12:40:00 AM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/16/2017 12:40:00 AM
4-Methyl-2-pentanone	ND	10.0	S	µg/L	1	9/16/2017 12:40:00 AM
Acetone	ND	10.0		µg/L	1	9/16/2017 12:40:00 AM
Benzene	ND	0.5		µg/L	1	9/16/2017 12:40:00 AM
Chlorobenzene	ND	0.5		µg/L	1	9/16/2017 12:40:00 AM
Chloroform	ND	0.5		µg/L	1	9/16/2017 12:40:00 AM
Methylene chloride	ND	0.5		µg/L	1	9/16/2017 12:40:00 AM
Tetrahydrofuran	ND	10.0		µg/L	1	9/16/2017 12:40:00 AM
Toluene	ND	0.5		µg/L	1	9/16/2017 12:40:00 AM
Surr: 1,2-Dichlorobenzene-d4	94.4	88.9-116		%REC	1	9/16/2017 12:40:00 AM
Surr: 4-Bromofluorobenzene	84.8	87.2-126	S	%REC	1	9/16/2017 12:40:00 AM

Adirondack Environmental Services, Inc

Date: 25-Sep-17

CLIENT: Corning, Inc.
Work Order: 170913070
Reference: Corning Wells /
PO#: 1007P-0000072929

Client Sample ID: Well #8A
Collection Date: 9/12/2017
Lab Sample ID: 170913070-004
Matrix: WASTEWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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PURGEABLE ORGANIC COMPOUNDS - EPA 524.2

Analyst: SMD

1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/16/2017 1:02:00 AM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/16/2017 1:02:00 AM
4-Methyl-2-pentanone	ND	10.0	S	µg/L	1	9/16/2017 1:02:00 AM
Acetone	ND	10.0		µg/L	1	9/16/2017 1:02:00 AM
Benzene	ND	0.5		µg/L	1	9/16/2017 1:02:00 AM
Chlorobenzene	ND	0.5		µg/L	1	9/16/2017 1:02:00 AM
Chloroform	ND	0.5		µg/L	1	9/16/2017 1:02:00 AM
Methylene chloride	ND	0.5		µg/L	1	9/16/2017 1:02:00 AM
Tetrahydrofuran	ND	10.0		µg/L	1	9/16/2017 1:02:00 AM
Toluene	ND	0.5		µg/L	1	9/16/2017 1:02:00 AM
Surr: 1,2-Dichlorobenzene-d4	92.7	88.9-116		%REC	1	9/16/2017 1:02:00 AM
Surr: 4-Bromofluorobenzene	83.3	87.2-126	S	%REC	1	9/16/2017 1:02:00 AM

Adirondack Environmental Services, Inc

Date: 25-Sep-17

CLIENT: Corning, Inc.
 Work Order: **170913070**
 Reference: Corning Wells /
 PO#: 1007P-0000072929

Client Sample ID: Well #1FB
 Collection Date: 9/12/2017
 Lab Sample ID: 170913070-005
 Matrix: WASTEWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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PURGEABLE ORGANIC COMPOUNDS - EPA 524.2

Analyst: SMD

1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/16/2017 1:23:00 AM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/16/2017 1:23:00 AM
4-Methyl-2-pentanone	ND	10.0	S	µg/L	1	9/16/2017 1:23:00 AM
Acetone	ND	10.0		µg/L	1	9/16/2017 1:23:00 AM
Benzene	ND	0.5		µg/L	1	9/16/2017 1:23:00 AM
Chlorobenzene	ND	0.5		µg/L	1	9/16/2017 1:23:00 AM
Chloroform	ND	0.5		µg/L	1	9/16/2017 1:23:00 AM
Methylene chloride	ND	0.5		µg/L	1	9/16/2017 1:23:00 AM
Tetrahydrofuran	ND	10.0		µg/L	1	9/16/2017 1:23:00 AM
Toluene	ND	0.5		µg/L	1	9/16/2017 1:23:00 AM
Surr: 1,2-Dichlorobenzene-d4	90.7	88.9-116		%REC	1	9/16/2017 1:23:00 AM
Surr: 4-Bromofluorobenzene	82.2	87.2-126	S	%REC	1	9/16/2017 1:23:00 AM

Adirondack Environmental Services, Inc

Date: 25-Sep-17

CLIENT: Corning, Inc.
Work Order: 170913070
Reference: Corning Wells /
PO#: 1007P-0000072929

Client Sample ID: Well #1
Collection Date: 9/12/2017
Lab Sample ID: 170913070-006
Matrix: WASTEWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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PURGEABLE ORGANIC COMPOUNDS - EPA 524.2

Analyst: SMD

1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/16/2017 1:44:00 AM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/16/2017 1:44:00 AM
4-Methyl-2-pentanone	ND	10.0	S	µg/L	1	9/16/2017 1:44:00 AM
Acetone	ND	10.0		µg/L	1	9/16/2017 1:44:00 AM
Benzene	ND	0.5		µg/L	1	9/16/2017 1:44:00 AM
Chlorobenzene	ND	0.5		µg/L	1	9/16/2017 1:44:00 AM
Chloroform	ND	0.5		µg/L	1	9/16/2017 1:44:00 AM
Methylene chloride	ND	0.5		µg/L	1	9/16/2017 1:44:00 AM
Tetrahydrofuran	ND	10.0		µg/L	1	9/16/2017 1:44:00 AM
Toluene	ND	0.5		µg/L	1	9/16/2017 1:44:00 AM
Surr: 1,2-Dichlorobenzene-d4	92.9	88.9-116		%REC	1	9/16/2017 1:44:00 AM
Surr: 4-Bromofluorobenzene	85.6	87.2-126	S	%REC	1	9/16/2017 1:44:00 AM

Adirondack Environmental Services, Inc

Date: 25-Sep-17

CLIENT: Corning, Inc.
Work Order: 170913070
Reference: Corning Wells /
PO#: 1007P-0000072929

Client Sample ID: Well #2
Collection Date: 9/12/2017
Lab Sample ID: 170913070-007
Matrix: WASTEWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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PURGEABLE ORGANIC COMPOUNDS - EPA 524.2

Analyst: SMD

1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/16/2017 2:06:00 AM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/16/2017 2:06:00 AM
4-Methyl-2-pentanone	ND	10.0	S	µg/L	1	9/16/2017 2:06:00 AM
Acetone	ND	10.0		µg/L	1	9/16/2017 2:06:00 AM
Benzene	ND	0.5		µg/L	1	9/16/2017 2:06:00 AM
Chlorobenzene	ND	0.5		µg/L	1	9/16/2017 2:06:00 AM
Chloroform	ND	0.5		µg/L	1	9/16/2017 2:06:00 AM
Methylene chloride	ND	0.5		µg/L	1	9/16/2017 2:06:00 AM
Tetrahydrofuran	ND	10.0		µg/L	1	9/16/2017 2:06:00 AM
Toluene	ND	0.5		µg/L	1	9/16/2017 2:06:00 AM
Surr: 1,2-Dichlorobenzene-d4	94.7	88.9-116		%REC	1	9/16/2017 2:06:00 AM
Surr: 4-Bromofluorobenzene	88.9	87.2-126		%REC	1	9/16/2017 2:06:00 AM

Adirondack Environmental Services, Inc

Date: 25-Sep-17

CLIENT: Corning, Inc.
Work Order: 170913070
Reference: Corning Wells /
PO#: 1007P-0000072929

Client Sample ID: Well #5
Collection Date: 9/12/2017
Lab Sample ID: 170913070-008
Matrix: WASTEWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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PURGEABLE ORGANIC COMPOUNDS - EPA 524.2

Analyst: SMD

1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/16/2017 2:27:00 AM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/16/2017 2:27:00 AM
4-Methyl-2-pentanone	ND	10.0	S	µg/L	1	9/16/2017 2:27:00 AM
Acetone	ND	10.0		µg/L	1	9/16/2017 2:27:00 AM
Benzene	ND	0.5		µg/L	1	9/16/2017 2:27:00 AM
Chlorobenzene	ND	0.5		µg/L	1	9/16/2017 2:27:00 AM
Chloroform	ND	0.5		µg/L	1	9/16/2017 2:27:00 AM
Methylene chloride	ND	0.5		µg/L	1	9/16/2017 2:27:00 AM
Tetrahydrofuran	ND	10.0		µg/L	1	9/16/2017 2:27:00 AM
Toluene	ND	0.5		µg/L	1	9/16/2017 2:27:00 AM
Surr: 1,2-Dichlorobenzene-d4	92.0	88.9-116		%REC	1	9/16/2017 2:27:00 AM
Surr: 4-Bromofluorobenzene	82.1	87.2-126	S	%REC	1	9/16/2017 2:27:00 AM

Adirondack Environmental Services, Inc

Date: 25-Sep-17

CLIENT: Corning, Inc.
Work Order: 170913070
Reference: Corning Wells /
PO#: 1007P-0000072929

Client Sample ID: Well #3
Collection Date: 9/12/2017
Lab Sample ID: 170913070-009
Matrix: WASTEWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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PURGEABLE ORGANIC COMPOUNDS - EPA 524.2

Analyst: SMD

1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/16/2017 2:48:00 AM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/16/2017 2:48:00 AM
4-Methyl-2-pentanone	ND	10.0	S	µg/L	1	9/16/2017 2:48:00 AM
Acetone	ND	10.0		µg/L	1	9/16/2017 2:48:00 AM
Benzene	ND	0.5		µg/L	1	9/16/2017 2:48:00 AM
Chlorobenzene	ND	0.5		µg/L	1	9/16/2017 2:48:00 AM
Chloroform	ND	0.5		µg/L	1	9/16/2017 2:48:00 AM
Methylene chloride	ND	0.5		µg/L	1	9/16/2017 2:48:00 AM
Tetrahydrofuran	ND	10.0		µg/L	1	9/16/2017 2:48:00 AM
Toluene	ND	0.5		µg/L	1	9/16/2017 2:48:00 AM
Surr: 1,2-Dichlorobenzene-d4	93.1	88.9-116		%REC	1	9/16/2017 2:48:00 AM
Surr: 4-Bromofluorobenzene	88.6	87.2-126		%REC	1	9/16/2017 2:48:00 AM

Adirondack Environmental Services, Inc

Date: 25-Sep-17

CLIENT: Corning, Inc.
 Work Order: **170913070**
 Reference: Corning Wells /
 PO#: 1007P-0000072929

Client Sample ID: Well #4
 Collection Date: 9/12/2017
 Lab Sample ID: 170913070-010
 Matrix: WASTEWATER

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
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PURGEABLE ORGANIC COMPOUNDS - EPA 524.2

Analyst: SMD

1,2-Dichlorobenzene	ND	0.5		µg/L	1	9/16/2017 3:10:00 AM
1,2-Dichloroethane	ND	0.5		µg/L	1	9/16/2017 3:10:00 AM
4-Methyl-2-pentanone	ND	10.0	S	µg/L	1	9/16/2017 3:10:00 AM
Acetone	ND	10.0		µg/L	1	9/16/2017 3:10:00 AM
Benzene	ND	0.5		µg/L	1	9/16/2017 3:10:00 AM
Chlorobenzene	ND	0.5		µg/L	1	9/16/2017 3:10:00 AM
Chloroform	ND	0.5		µg/L	1	9/16/2017 3:10:00 AM
Methylene chloride	ND	0.5		µg/L	1	9/16/2017 3:10:00 AM
Tetrahydrofuran	ND	10.0		µg/L	1	9/16/2017 3:10:00 AM
Toluene	ND	0.5		µg/L	1	9/16/2017 3:10:00 AM
Surr: 1,2-Dichlorobenzene-d4	94.2	88.9-116		%REC	1	9/16/2017 3:10:00 AM
Surr: 4-Bromofluorobenzene	85.8	87.2-126	S	%REC	1	9/16/2017 3:10:00 AM



314 North Pearl Street
Albany, New York 12207
518-434-4546 ♦ Fax: 518-434-0891

CHAIN OF CUSTODY RECORD

AES Work Order#:

170913070

EXPERIENCE IS THE SOLUTION

A full service analytical research laboratory offering solutions to environmental concerns

Client Name: <i>Corning, Inc</i>		Address:							
Report to: <i>Colleen Krysiak</i>		Project Name (Location): <i>Corning Wells</i>			Samplers Name: <i>Kevin Ambra</i>				
Client Phone No:		PO #:			Samplers Signature: <i>[Signature]</i>				
Client Fax No:									
AES Sample ID	Client Sample ID:	Date Sampled	Time A=am P=pm	Sample Type			# of Cont's	Analysis	
				Matrix	C	G			
001	Well #5A	9/12/17	9:15	<input checked="" type="checkbox"/> A P	WW		✓	2	Drinking Water EPA 524.2
002	Well #9A		9:30	A P			✓	2	
003	Well #6A		9:43	A P			✓	2	
004	Well #8A		9:51	A P			✓	2	
005	Well #1 FB		10:23	A P			✓	2	
006	Well #1		10:52	A P			✓	2	
007	Well #2		10:59	A P			✓	2	
008	Well #5		11:12	A P			✓	2	
009	Well #3		11:20	A P			✓	2	
010	Well #4		11:24	A P			✓	2	
Shipment Arrived Via: FedEx UPS Client <input checked="" type="checkbox"/> AES Other: _____		Special Instructions/Remarks: <i>Hold #1 FB - Do Not Run pending email per T. Hall/C. Krysiak</i>							
Turnaround Time Requested: <input type="checkbox"/> 3 Day <input type="checkbox"/> 2 Day <input type="checkbox"/> 1 Day <input checked="" type="checkbox"/> Standard <i>Per Quote</i>									
Relinquished by: (Signature) <i>[Signature]</i>		Date	Time	Received by: (Signature) <i>[Signature]</i>		Date	Time		
		9/13/17	11:57			9/13/17	11:57		
Relinquished by: (Signature) <i>[Signature]</i>		Date	Time	Received by: (Signature) <i>[Signature]</i>		Date	Time		
		9/13/17	4:00						
Relinquished by: (Signature) <i>[Signature]</i>		Date	Time	Received for Laboratory by: <i>[Signature]</i>		Date	Time		
						9/13/17	4:23pm		
Sample Temperature Ambient <input checked="" type="checkbox"/> Chilled Chilling Process begun <i>4°C</i>		Properly Preserved <input checked="" type="checkbox"/> Y <input type="checkbox"/> N			Received Within Holding Times <input checked="" type="checkbox"/> Y <input type="checkbox"/> N				
Notes: _____		Notes: _____			Notes: _____				



170913070



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

- (a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.**'s performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.
- (b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.
- (c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.
- (d) In no event shall **Adirondack Environmental Services, Inc.**, its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.
- (e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**
- (f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.
- (g) Payments by Credit Card/Purchase Cards are subject to a 3% additional charge.