HALEY ALDRICH

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2021 PERIODIC REVIEW REPORT & IC/EC CERTIFICATION SUBMITTAL

TIOGA AVENUE BCP SITE # C851031
CORNING, NEW YORK

by Haley & Aldrich of New York
Rochester, New York

for New York State Department of Environmental Conservation
East Avon, New York

File No. 131230-003
29 April 2022

Haley & Aldrich of New York
200 Town Centre Drive
Suite 2
Rochester, NY 14623
585.359.9000

29 April 2022
File No. 131230-003

New York State Department of Environmental Conservation
Division of Environmental Remediation, Region 8
6274 East Avon-Lima Road
East Avon, New York 14414

Attention: Mr. Timothy Schneider, P.E.

Subject: 2021 Periodic Review Report & IC/EC Certification Submittal
Tioga Avenue BCP Site #C851031
Corning, New York

Dear Mr. Schneider:

On behalf of Corning Incorporated and Corning Property Management Corporation (collectively referred to herein as Corning), Haley & Aldrich of New York (Haley & Aldrich), as the Qualified Environmental Professional, is providing the attached Site Management Periodic Review Report and Annual Institutional and Engineering Controls Certification (PRR) for the Tioga Avenue BCP Site #C851031 in accordance with the New York State Department of Environmental Conservation (NYSDEC) Certificate of Completion dated April 18, 2012 and the Site Management Plan as revised and approved by NYSDEC on April 3, 2012. The NYSDEC Site Management Periodic Review Report Notice, Institutional and Engineering Controls Certification Form is included in this report under Appendix A. The last PRR submitted for the Tioga Avenue BCP Site (Site) was the 2020 PRR, dated April 27, 2021. This PRR covers the time period between March 30, 2021 and March 29, 2022.

The Site was redeveloped and transformed from vacant industrial property to a passive park called the Fall Brook Park. The redevelopment activities were performed in accordance with the Site Management Plan (SMP) and associated NYSDEC Notifications and were documented in previous periodic review reporting.

There were no activities conducted during the Reporting Period that involved breach of the existing cover systems on the Site or otherwise required notification and documentation pursuant to the NYSDEC-approved SMP. As documented in this PRR, the Site is in compliance with the Institutional and Engineering Controls required under the SMP.

Please do not hesitate to contact us should you have any questions regarding this report.

Sincerely yours,
HALEY & ALDRICH OF NEW YORK

Roger J. Wilcox, P.E. (NY)
Senior Technical Specialist

Darrin J. Costantini
Chief Engineer

Enclosures

c: Corning Incorporated; Attn: Chris Gabel

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Executive Summary

The Tioga Avenue Brownfield Site # C851031 (the Site) is a 14.18-acre parcel located at the northwest corner of Tioga Avenue and Steuben Street in Corning, NY. The Site was investigated and remediated in accordance with Brownfield Cleanup Agreement (BCA) Index # B8-0767-08-01, which was executed between Corning Property Management Corporation and Corning Incorporated (collectively Corning) and New York State Department of Environmental Conservation (NYSDEC) on August 22, 2008. The NYSDEC Brownfield Cleanup Program (BCP) Certificate of Completion for this Site was issued on April 18, 2012.

Corning redeveloped the BCP Site in 2012 and 2013 to repurpose it from vacant industrial property to a passive community park with green space, concrete walks, and associated amenities (the Redevelopment Project). Fall Brook Park opened on October 18, 2013 for use by the community. The Redevelopment Project was conducted under the BCP based on NYSDEC-approved work plans and reports for the investigation and remediation of the Site contaminants.

Historic fill on the Site contains Contaminants of Concern (COCs) above applicable Soil Cleanup Objectives (SCOs) consisting of arsenic and lead. The Site remedy requires that a cover system be maintained, as described in the Site Management Plan (SMP), to prevent human or environmental exposure to contaminants that may be present above the applicable Restricted Commercial land use SCOs for arsenic and lead.

There were no activities conducted during the Reporting Period that involved breach of the existing cover systems on the Site or otherwise required notification and documentation pursuant to the NYSDEC-approved SMP. As documented in this PRR, the Site is in compliance with the Institutional and Engineering Controls required under the SMP. No change in frequency of the PRR submittals is recommended and on-going site management continues to be required.

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1. Site Overview

The Tioga Avenue Brownfield Site # C851031 (the Site) is a 14.18-acre parcel located at the northwest corner of Tioga Avenue and Steuben Street in Corning, NY. The Site property is currently owned by Corning Property Management Corporation, a wholly owned subsidiary of Corning Incorporated (collectively Corning) and was used (1929-2002) for glass manufacturing and related support operations that were referred to as the "Fall Brook" plant. Manufacturing operations of the Fall Brook plant were discontinued in 2002, demolition of the buildings and facilities was completed in 2007, demolition of the wastewater treatment facility was completed in 2012, and all wastewater and stormwater conveyed from the Brownfield Cleanup Program (BCP) site is now conveyed to the Corelle Brands treatment facility as of 2017.

The Site is situated within an area of mixed residential, commercial, and industrial development. The Site is contiguous (northeastern property boundary) with property owned by Corelle Brands (formerly World Kitchen) which is not affiliated with Corning Incorporated. The Corelle Brands facility is an active manufacturing operation producing consumer glassware products and uses/occupies portions of the BCP Site for its ongoing operations.

The nature and extent of contamination prior to remediation with respect to historic fill, alluvial soil, and groundwater is summarized as follows:

- **Historic Fill** – Historic fill on the Site contains Contaminants of Concern (COCs) above applicable Soil Cleanup Objectives (SCOs) for this Site consisting of arsenic and lead within historic fill. The Site remedy requires that a cover system be maintained as described in the SMP to prevent human or environmental exposure to contaminants that may be present above the applicable Restricted Commercial land use SCOs for arsenic and lead.
- **Alluvial Soil** – Undisturbed native soil beneath the historic fill on the Site is comprised of poorly-graded to well-graded sand with varying amounts of gravel and a relatively low percentage of silt. Analysis of this media did not identify the presence of contaminants, except possibly in the former petroleum storage areas where aesthetic petroleum conditions could be present.
- **Groundwater** – Groundwater on the Site is present at approximate depths ranging from 17 to 25 feet below ground surface and is situated below the historic fill on the Site. Groundwater is not adversely affected (i.e., as compared to NYSDEC screening criteria) by the presence of historical fill; however, degraded petroleum residuals have been observed/detected in shallow groundwater in limited areas. The SMP provides additional information regarding these conditions. The SMP also identifies the Institutional Controls required to address these conditions; essentially that future potable use of groundwater at the Site is not permitted without treatment.

The Site was investigated and remediated in accordance with Brownfield Cleanup Agreement (BCA) Index # B8-0767-08-01, which was executed between Corning and New York State Department of Environmental Conservation (NYSDEC) on August 22, 2008. To complete the Track 4 Site remedy, site cover needed to be upgraded on less than four percent of the Site. A Change of Use Notification was submitted to NYSDEC in 2011 to perform the needed cover upgrades. The work was completed in late 2011 and, in early 2012, the Final Engineering Report (FER) was completed documenting the work and that the necessary Site engineering controls were in place and effect. Following the FER, the Site

Management Plan (SMP) was completed, the Environmental Easement was filed, and the Certificate of Completion was issued, all in 2012.

Corning redeveloped the BCP Site during 2012 and 2013 to repurpose it from vacant industrial property to a passive community park with green space, concrete walks, and associated amenities (the Redevelopment Project). The Redevelopment Project was conducted under the BCP based on NYSDEC-approved work plans and reports for the investigation and remediation of the Site contaminants.

The completed Track 4 Site remedy, as described in the SMP, currently consists of the following elements:

- Cover systems approved by NYSDEC to eliminate potential for direct contact with contaminants remaining on the Site: these are engineering controls.
- A specifically identified portion of the Site contains a low permeability ground cover system, or other remedy as approved by the NYSDEC, to reduce infiltration of surface/stormwater through historic fill: this is an engineering control.
- Institutional Controls in the form of an Environmental Easement limiting Site use to only future commercial or industrial use and prohibiting any future potable use of groundwater from the Site.
- Development and implementation of a Site Management Plan describing actions needed to maintain the cover systems over time or to be taken in the event the cover systems are ever removed as part of future development or other activity.
- Recording the Environmental Easement at the office of the Steuben County Clerk.

2. Remedy Performance, Effectiveness, and Protectiveness

The remedy incorporates defined cover systems as the sole type of engineering control on the Site as described in the SMP. There were and are no mechanical systems, groundwater pumping or soil vapor/subslab depressurization systems which were selected as part of the Site remedy.

Table I. Remedy Effectiveness

Remedy Element	Effectiveness
Engineering Control – Site cover systems	In place and effect.
Engineering Control – Site cover systems in designated 'low permeability cover system' areas	In place and effect.
Institutional Controls – Site use restricted to commercial and industrial uses and no use of groundwater without treatment.	In place and effect.
Site Management Plan	In place and effect.
Environmental Easement	In place and effect.

The Site remedy elements are all in place, are operating effectively and are providing the intended effectiveness to achieve the remedial goals at the Site.

3. IC/EC Plan Compliance and Certification

3.1 IC/EC REQUIREMENTS AND COMPLIANCE

The Site IC/ECs are identified on the IC/EC Certification Form included in Appendix A. That form, provided by NYSDEC, lists six Institutional Controls and one Engineering Control for the Site, which are presented in Table II below. Detailed descriptions of the controls are presented in Section 2.3 of the SMP; a summary is given in Table II.

Table II. Institutional and Engineering Controls

Institutional Controls	Description	Objective	Evaluation of Performance
Ground Water Use Restriction	Potable use of groundwater without treatment is prohibited.	Preclude consumption of groundwater potentially containing residual contaminants.	Effective. Groundwater is not used for potable purposes at the Site. Groundwater is used for irrigation in the Passive Park.
Institutional Control / Engineering Control Plan	The Institutional and Engineering controls for the Site are listed within this table and are presented in Section 2.3 of the SMP.	ICs and ECs are followed so that the Site is managed according to Part 375, DER-10 and the SMP.	Effective. The Environmental Easement remains in force. Cover systems are in place per the SMP.
Land Use Restriction	Restrict development of the Site to Industrial or Commercial uses.	Site use is restricted consistent with the Site Remedy and the SMP.	Effective. Site use is consistent with commercial or industrial uses according to Part 375, DER-10, and the SMP.
Operations & Maintenance Plan	The O&M Plan is presented in Section 4.0 of the SMP. The Site remedy does not rely on any mechanical systems; therefore, O&M of such components is not relevant.	Maintain the Site Engineering Control (cover systems) to preclude contact with Site soil potentially containing residual contaminants.	Effective. Cover systems are in place and were maintained per the SMP.
Site Management Plan	The SMP is integral to the Environmental Easement placed on the Site.	The SMP prescribes measures to be followed for compliance with the Environmental Easement.	Effective. This Periodic Review Report documents compliance with the SMP.
Soil Management Plan	The Excavation Work Plan (EWP) is contained in Appendix C of the SMP. It describes procedures for performing intrusive Site earthwork using methods protective of human health and the environment.	Minimize risks to health, safety, and the environment during intrusive activities at the Site.	Effective. This Periodic Review Report documents compliance with the EWP for the reporting period.

Engineering Controls	Description	Objective	Evaluation of Performance
Cover Systems	The Site requires various types of cover including, but not limited to concrete, asphalt, clean soil, buildings, and low permeability cover as described in the SMP.	Preclude contact with Site soil potentially containing residual contaminants.	Effective. Site inspections by the QEP confirm the cover systems are in place in accordance with the SMP.

No change in frequency of the PRR submittals is recommended and on-going site management continues to be required.

3.2 IC/EC CERTIFICATION

The completed and signed IC/EC Certification Form is included in Appendix A.

4. Monitoring Plan Compliance Report

The environmental media monitoring program is presented in Section 3.3 of the SMP. There is no routine monitoring of air, surface water, groundwater, or soil required for the Site. Environmental monitoring only is needed during intrusive work at the Site per the Site Management Plan. As previously stated, there were no activities conducted during the Reporting Period that involved breach of the existing cover systems on the Site or otherwise required monitoring compliance pursuant to the SMP.

4.1 ANNUAL SITE INSPECTION

Haley & Aldrich conducted an annual site inspection of the Tioga Avenue BCP Site on December 1, 2021. During the inspection it was observed that the two areas of snowplow disturbances identified in the 2020 inspection, in the southern lawn area of the Park and adjacent to the sidewalk, were repaired and grass cover restored. No remarkable ground surface disturbances were identified during the inspection. The Annual Inspection Form is attached in Appendix B.

4.2 GROUNDWATER MONITORING

A groundwater well associated with the former Fallbrook Plant operations designated as Well FB#1 is located on the east side of the Park as shown on Figure 1. This well was reutilized in the construction of the Passive Park as an irrigation supply well for the park turf grass and landscape areas. The well is not used as a source of potable water. The City of Corning issued a well permit to Corning Incorporated dated June 24, 2017 for use as an irrigation well. A copy of the permit is contained in Appendix C. The FB-1 irrigation well was not operated in 2021, except to purge the well and obtain the sample below.

As required by the City of Corning, Corning Incorporated utilized Ramboll to collect and analyze a sample from Well FB#1. Ramboll performed the well sampling on June 15, 2021 for sample analysis by EPA 524.2 – Purgeable Organic Compounds. No compounds were detected above the maximum contaminant levels (MCL) established in Subpart 5.1 of the New York State Sanitary Code for the 2021 sampling event. The laboratory analytical report, redacted to exclude results unrelated to the Site, is included in Appendix C.

4.3 MONITORING PLAN CONCLUSIONS

Inspection of the Site was conducted under the requirements of the SMP. Routine monitoring of air, surface water, groundwater, or soil are not required in the SMP. Monitoring is required under the Excavation Work Plan if ground intrusive activities occur. No deficiencies in the monitoring plan were noted.

5. Operation & Maintenance Plan Compliance Report

5.1 O&M PLAN

The O&M Plan is presented in Section 4.0 of the SMP. The Site remedy does not rely on any mechanical systems; therefore, O&M of such components is not relevant. The Site cover systems are described in the SMP. Inspection of the Site cover systems takes place annually. The results of the inspection appear in the PRR covering that period.

5.2 SUMMARY OF O&M COMPLETED DURING REPORTING PERIOD

The two areas of shallow snowplow topsoil disturbance previously identified during the 2020 Site inspection on the southern side of the Park were repaired and grass cover restored.

6. Conclusions & Recommendations

During the Reporting Period, the Tioga Ave BCP Site was in compliance with the SMP, all IC/EC's, Monitoring Plan requirements, and O&M Plan requirements for the Site. No excavation or removal of material occurred on the Site during the Reporting Period.

All repair work has been successfully completed to previously identified Site cover deficiencies and the Site remedy elements are all in place, operating effectively, and providing the intended effectiveness to achieve the remedial goals at the Site.

No change in the frequency of the PRR submittals is recommended and on-going site management continues to be required.

FIGURE

GIS FILE PATH: G:\Projects\33123\GIS\Map Projects\2018_0308_JSB_WellFigure_BL_D2.mxd — USER: jbecker — LAST SAVED: 3/8/2018 4:34:26 PM

NOTES

1. AERIAL IMAGERY COURTESY OF NYS CLEARINGHOUSE APRIL 2016

NOT TO SCALE

HALEY ALDRICH

2017 SIP CONSTRUCTION PROJECT
TIOGA AVENUE BCP SITE #C851031

LOCATION OF
IRRIGATION WELL FB#1

MARCH 2018

FIGURE 1

APPENDIX A
Institutional and Engineering Controls Certification Form

Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. C851031

Site Name Tioga Avenue Site

Site Address: East Tioga Avenue Zip Code: 14831
City/Town: Corning
County: Steuben
Site Acreage: 14.2

Reporting Period: March 30, 2020 to March 29, 2021

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☒	☐
7. Are all ICs/ECs in place and functioning as designed?	☒	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____
Signature of Owner, Remedial Party or Designated Representative Date

Box 2A

	YES	NO
8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	☐	☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid? (The Qualitative Exposure Assessment must be certified every five years)	☒	☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C851031 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
318.10-01-01.100	Corning Property Management Corporation	Ground Water Use Restriction Soil Management Plan Landuse Restriction Site Management Plan O&M Plan IC/EC Plan

- Prohibition potable water use
- Soil cover over 5 acres
- Compliance with a soils management plan
- Use must be maintained as commercial or industrial
- Vapor evaluation & mitigation if occupied structures constructed
- Management of remaining contaminated soils below cover

Box 4

Description of Engineering Controls

Parcel	Engineering Control
318.10-01-01.100	Cover System

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☒	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☒	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

_____ _____

Signature of Owner, Remedial Party or Designated Representative Date

IC CERTIFICATIONS
SITE NO. C851031

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Kevin G. Corliss (print name) at One Riverfront Plaza, Corning, NY (print business address),

am certifying as Owner (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Kevin G. Corliss Deputy CAO
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

April 28, 2022
Date

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Roger J. Wilcox, P.E. (print name) at Haley & Aldrich of New York, 200 Town Centre Dr., Rochester, NY 14623 (print business address),

am certifying as a Qualified Environmental Professional for the Owner (Owner or Remedial Party)

Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

21 April 2022
Date

APPENDIX B
Annual Site Inspection Form

SMP - ANNUAL SITE INSPECTION

PROJECT	Tioga Avenue BCP Site C851031	**Prepared By:** Roger Wilcox	**Routine/Nonroutine Inspection:** Routine Annual
LOCATION	Corning, New York	**Company:** Haley & Aldrich of New York	**Weather:** 33 degrees, mostly cloudy
DATE(s)	12/1/2021	**Title:** Senior Technical Specialist	**Other Noteworthy Conditions:** None

See Attached Photo Log.

1. SITE COVER - SOIL, CONCRETE, ASPHALT, STRUCTURES

A. Visual Inspection and Integrity Observations:

Based on the monitoring performed including my own site visit, the site cover is in place and effective. Nothing remarkable observed during inspection.

B. Maintenance, repairs, or changes to site cover completed since previous inspection(s):

C. Deficiencies noted, if any:

D. Recommended actions:

2. OTHER SITE OBSERVATIONS (include any incidents, repairs, maintenance, or other observations affecting site management plan and reporting):

None.

3. SITE / OWNER PERSONNEL CONTACTED:

a. Chris Gabel, Corning Incorporated.

Photo 1: Asphalt Cover.

Photo 2: Passive Park Cover.

Photo 3: Park sidewalk.

APPENDIX C
City of Corning Well Permit and Sample Results

CITY OF CORNING
500 NASSER CIVIC CENTER PLAZA
CORNING, NY 14830

PHONE: (607) 962-0340
FAX: (607) 962-0681

REGISTRATION RENEWAL FOR AN EXISTING WELL PERMIT

OWNER INFORMATION

Property Owner:	Corning Incorporated
Address:	One Riverfront Plaza, MP-HQ-E1 Corning, NY 14831
Contact Person:	Colleen Krysiak
Phone:	974-0246
Application Date:	June 24, 2017

WELL SITE LOCATION

Street Address: Fallbrook Park **Tax Map Number:** 318.010-01-020.000

GPS Location: _____ **Elev. At Top of Casing:** _____

WELL IDENTIFICATION NUMBER

Number: 1 – F

WELL USE

Intended use: Irrigation

WATER QUALITY MONITORING REQUIREMENTS

All water quality testing shall be performed by NYS certified laboratories and shall comply with reporting limits established in Subpart 5.1 of New York State Sanitary Code. The testing schedule below constitutes the minimum testing requirements for the life of the permit. The City of Corning reserves the right to increase testing parameters and frequency.

INORGANIC & PHYSICAL CHARACTERISTICS	FREQUENCY
VOC'S:	X
SOC'S GROUP I:	
SOC'S GROUP II:	
Nitrates:	
Other:	

REMARKS: If checked, requires additional testing as indicated. Copies of any and all test results required by other governmental agencies shall be supplied to the City.

Approved by: Brad Jacket **Expiration Date:** 7/20/2022

The City of Corning has the right to revoke this permit and the use of this well if continued operation poses a health risk by affecting the quantity and/or quality of the City of Corning's water supply. This well must remain consistent with the Water Well Construction Rules and Regulations.

RAMBOLL

ENVIRONMENT
& HEALTH

City of Corning
500 Nasser Civic Center Plaza
Corning, NY 14830

Re: City of Corning Well Permits
2021 Annual Water Quality Monitoring Results
Corning Incorporated

Date February 28, 2022

Ramboll
Harro East Building
400 Andrews Street, Suite 710
Rochester, NY 14604
USA

T 585-295-7700
F 585-263-2869
https://ramboll.com

To Whom it May Concern:

On behalf of Corning Incorporated (Corning), please find attached the 2021 analytical results for [redacted] City of Corning permitted groundwater supply wells owned and/or operated by Corning. As required by the conditions of the well permits, annual water quality monitoring was performed by Ramboll on June 15, 2021 for [redacted] the single supply well at the former Fallbrook facility (FB-1). The samples were analyzed by the Eurofins TestAmerica Edison Laboratory[1] for volatile organic compounds (VOC) by Environmental Protection Agency (EPA) Method 524.2: Measurement of Purgeable Organic Compounds in Water by Capillary Column Gas Chromatography/Mass Spectrometry (GC/MS).

VOCs were not detected in any of the wells in concentrations exceeding the maximum contaminant levels (MCL) established in Subpart 5.1 of the New York State Sanitary Code. The analytical results for FB-1 [redacted] were compared to 2020 results based on previously observed detections of toluene [redacted]. With proper purging performed during the 2021 event, [redacted] well FB-1 expressed low-level detections of toluene; however, concentrations were below the Subpart 5.1 of the New York State Sanitary Code MCLs. The results of the 2021 sampling event affirm that the results of the 2020

[1] National Environmental Laboratory Accreditation Program (NELAP) Certified in New York State for EPA Method 524.2

sampling of FB-1 were likely anomalous and that the concentrations observed were likely attributed to improper well purging prior to sampling.

[redacted]

Should you have any questions or wish to discuss the results further, please do not hesitate to contact either Ms. Danielle Carlin at 607-248-1912 or carlindk@corning.com or Ramboll.

Yours sincerely

Jamie Newtown
OFFICER

D 585-295-7715
M 585-766-9498
Jamie.newtown@ramboll.com

RAMBOLL

ATTACHMENT 1 - ANALYTICAL REPORT (J236851-1)

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Tel: (732)549-3900

Laboratory Job ID: 460-236851-1
Client Project/Site: Corning City Well Sampling
Revision: 1

For:
O'Brien & Gere Inc of North America
PO BOX 4873
Syracuse, New York 13221

Attn: Mr. Scott Mosher

Authorized for release by:
7/1/2021 9:46:34 AM

John Schove, Project Manager II
(716)504-9838
John.Schove@Eurofinset.com

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 460-236851-1

Laboratory: Eurofins TestAmerica, Edison

Narrative

Job Narrative
460-236851-1

Revision
This report has been revised to correct the Accreditation/Certification Summary page.

Comments
No additional comments.

Receipt
The samples were received on 6/17/2021 9:40 AM. Unless otherwise noted below, the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 2.9° C.

GC/MS VOA
Method 524.2: The continuing calibration verification (CCV) associated with batch 460-786748 recovered above the upper control limit for Bromomethane. The samples associated with this CCV were non-detects for the affected analyte; therefore, the data have been reported.

Method 524.2: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for analytical batch 460-786748 recovered outside control limits for the following analyte: cis-1,3-Dichloropropene.

Method 524.2: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for analytical batch 460-786748 recovered outside control limits for the following analytes: Vinyl chloride, Chloroethane and Bromomethane (biased high). These analytes were not detected in the associated samples.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample ID: Fallbrook-061521 **Lab Sample ID: 460-236851-10**

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	2.3		0.50	0.11	ug/L	1		524.2	Total/NA
Trichloroethene	0.21	J	0.50	0.11	ug/L	1		524.2	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Corning City Well Sampling

Job ID: 460-236851-1

Client Sample ID: FD-1

Lab Sample ID: 460-236851-11

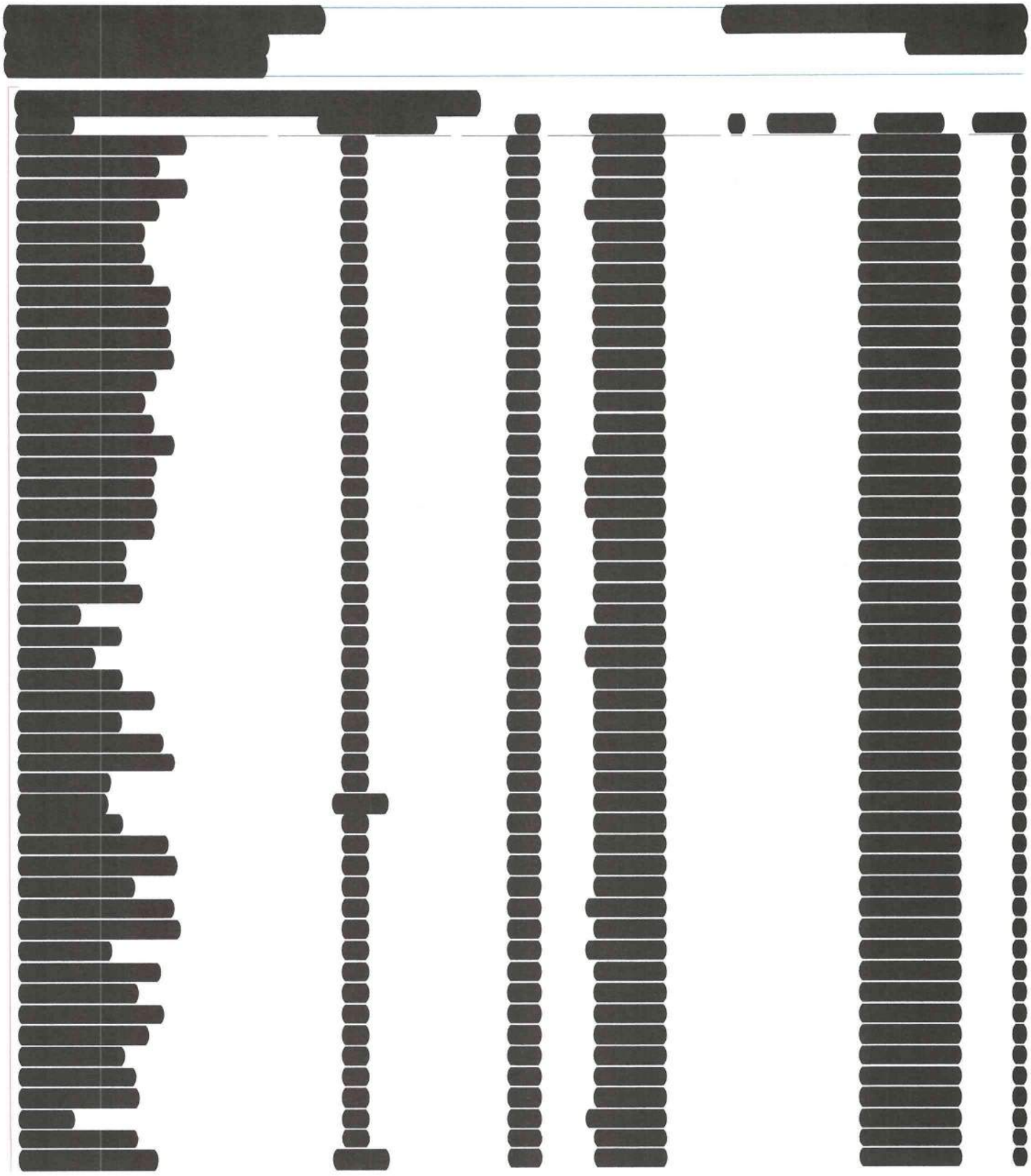
Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Toluene	1.7		0.50	0.11	ug/L	1		524.2	Total/NA

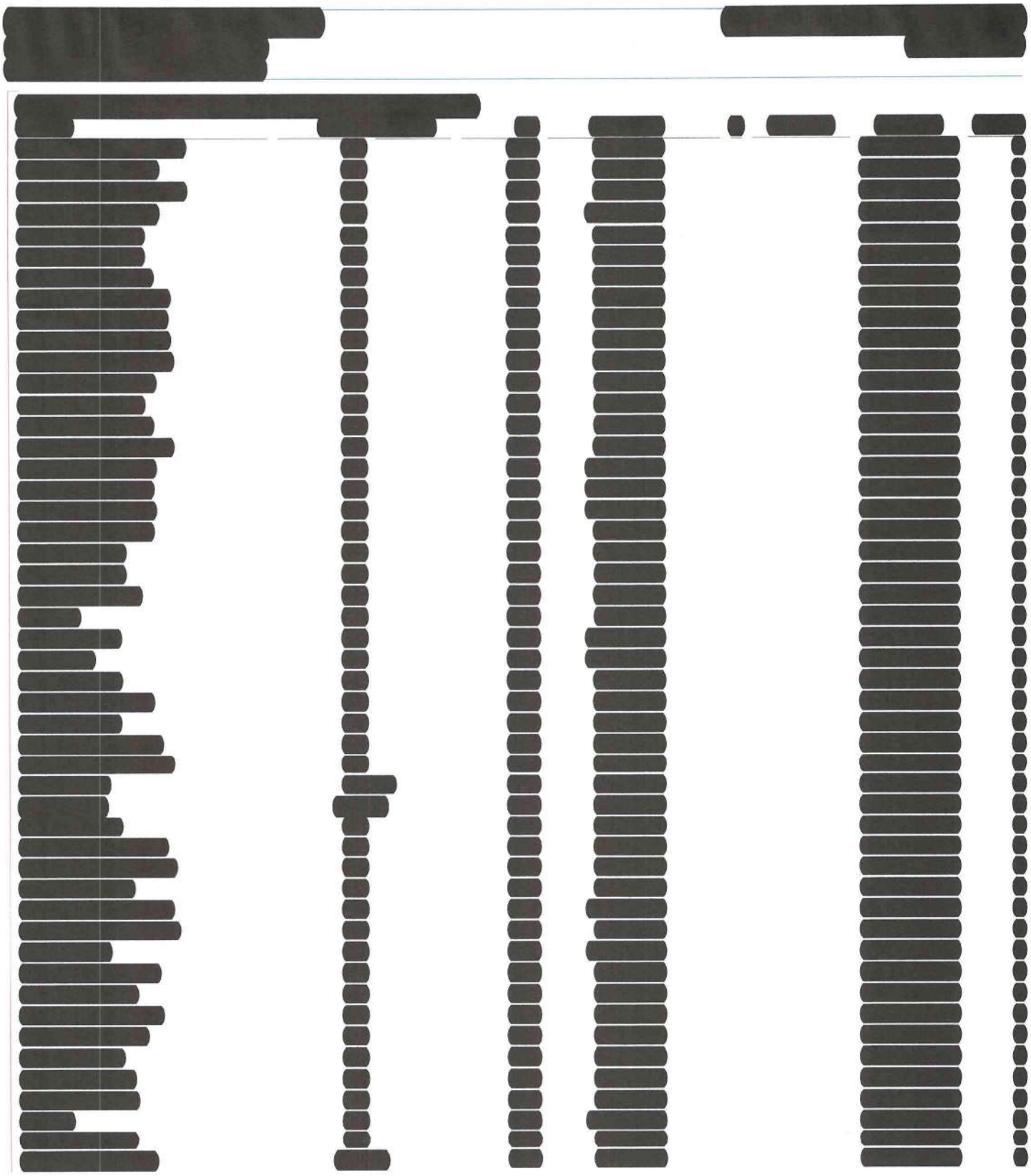
Client Sample ID: Trip Blank-061521

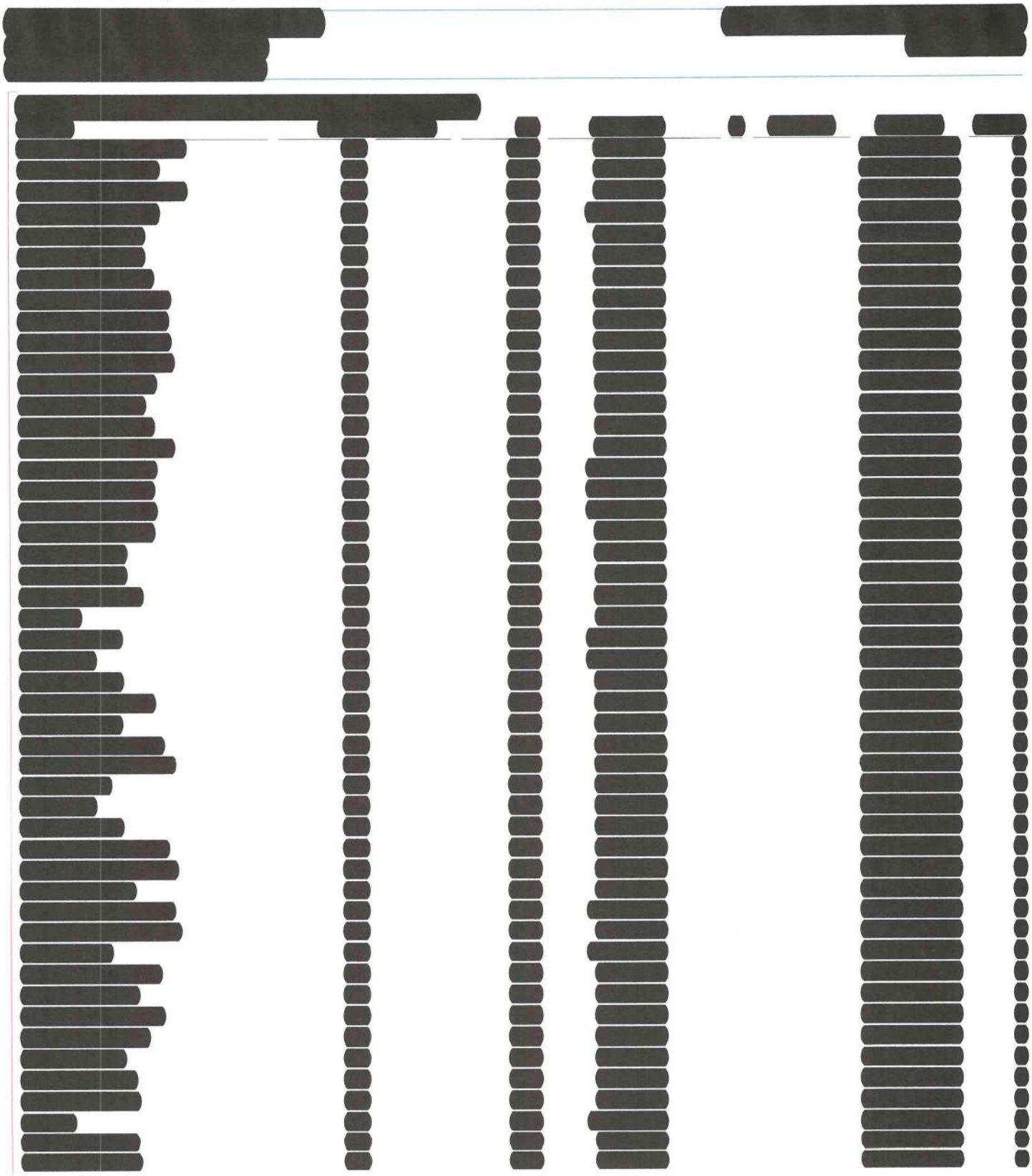
Lab Sample ID: 460-236851-12

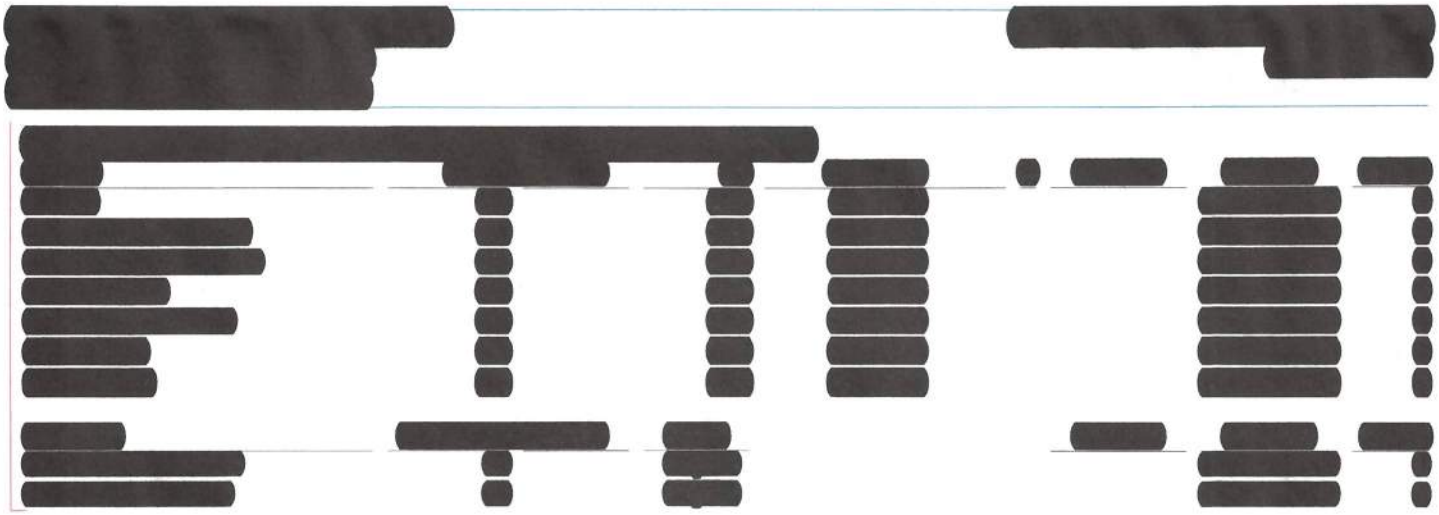
No Detections.

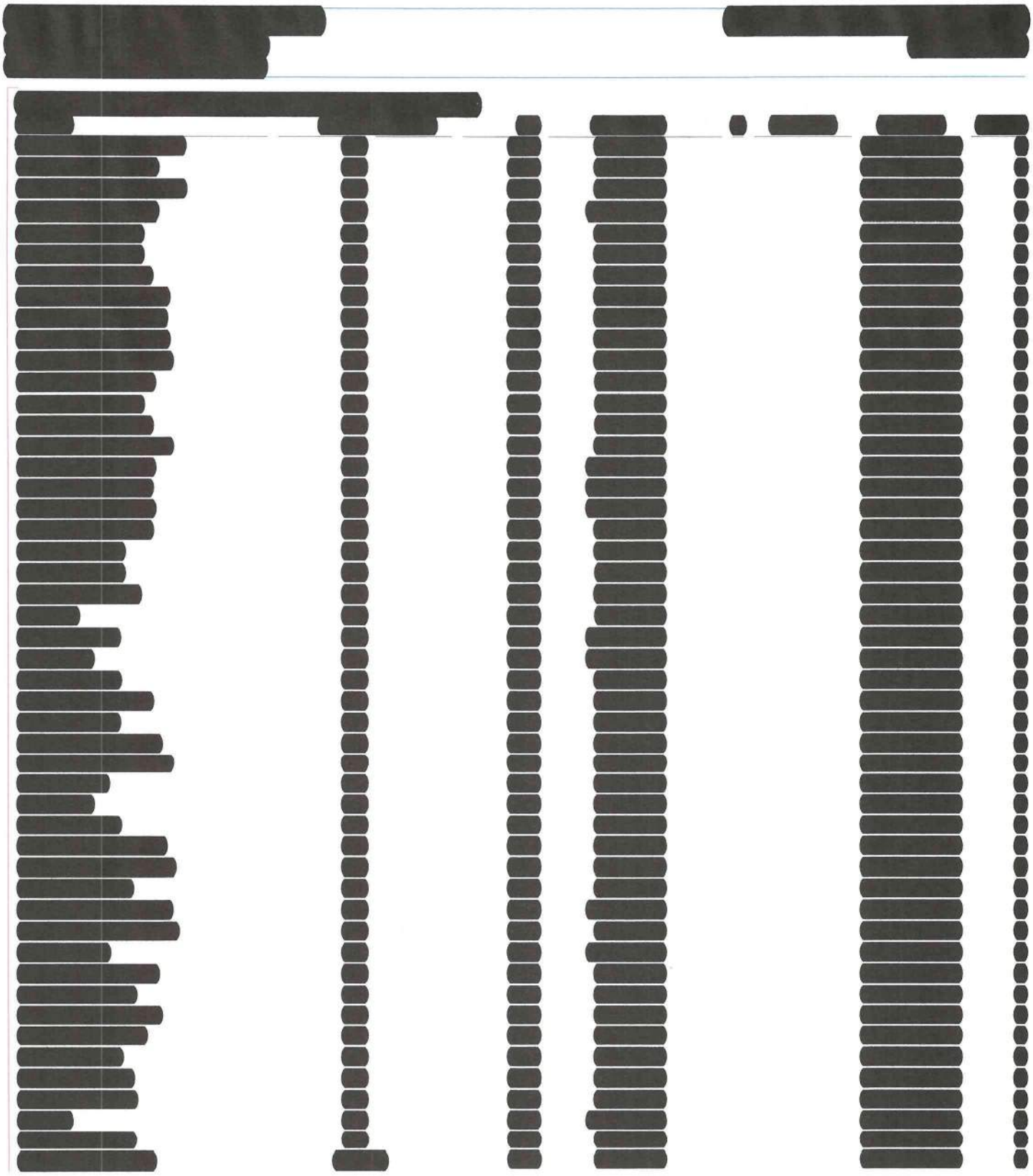
This Detection Summary does not include radiochemical test results.

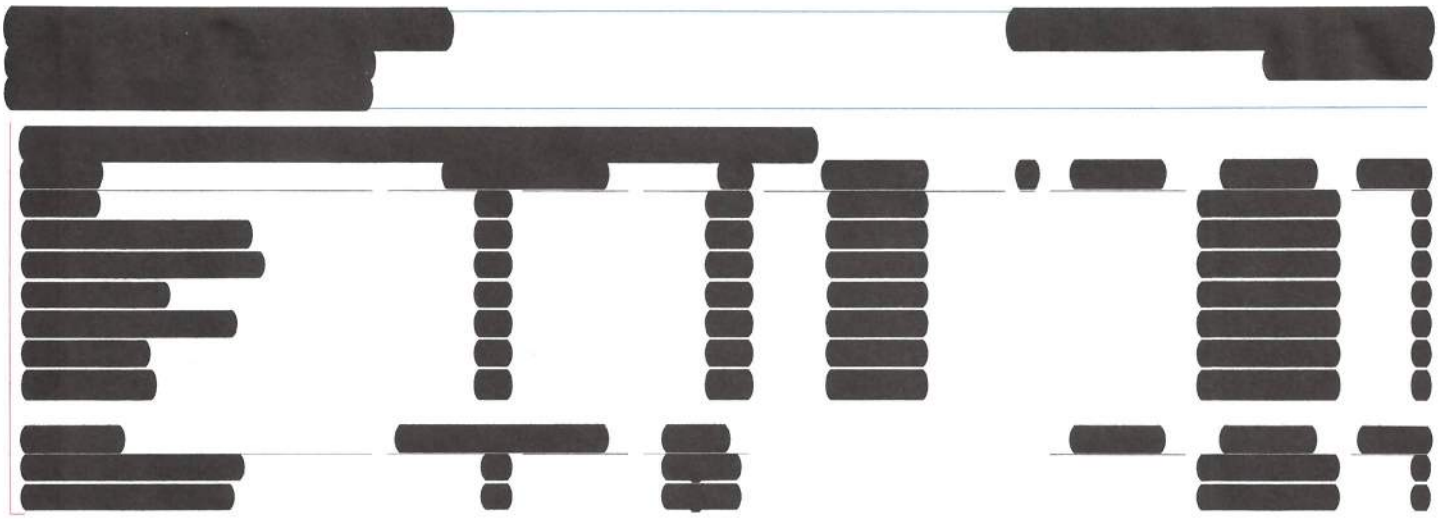


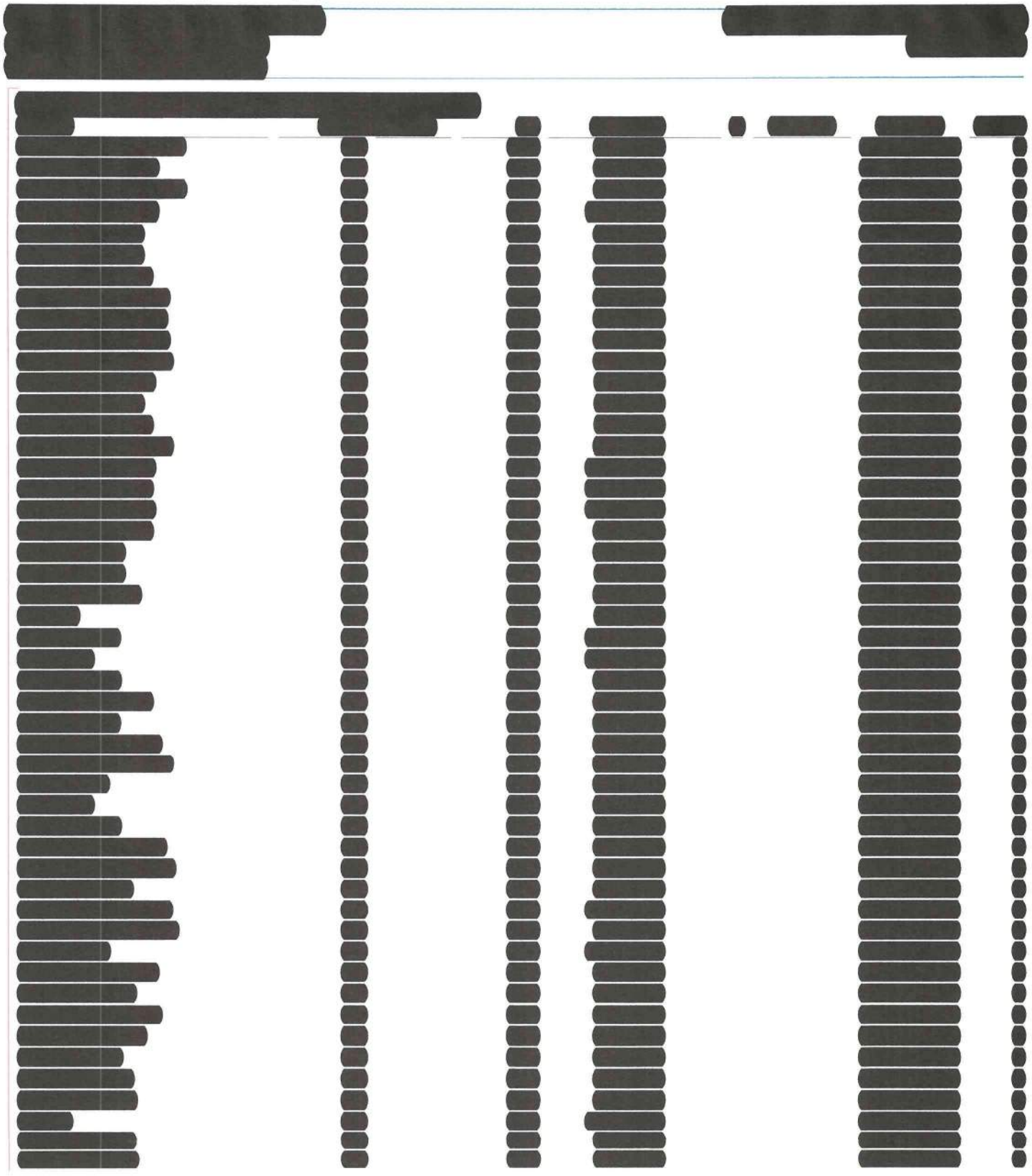


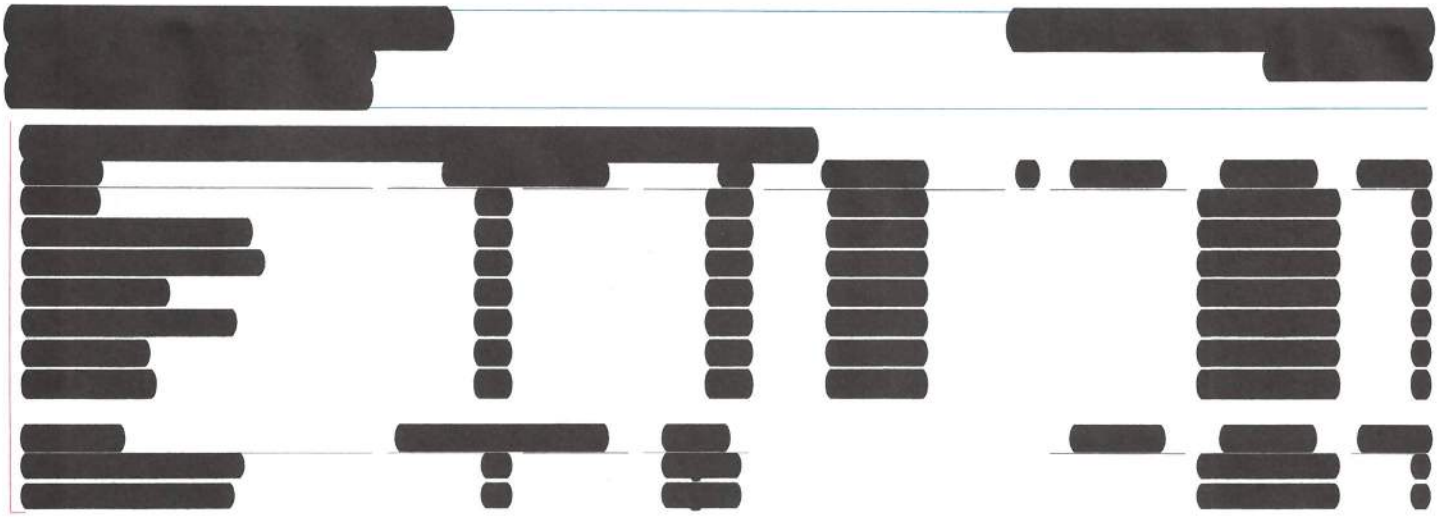


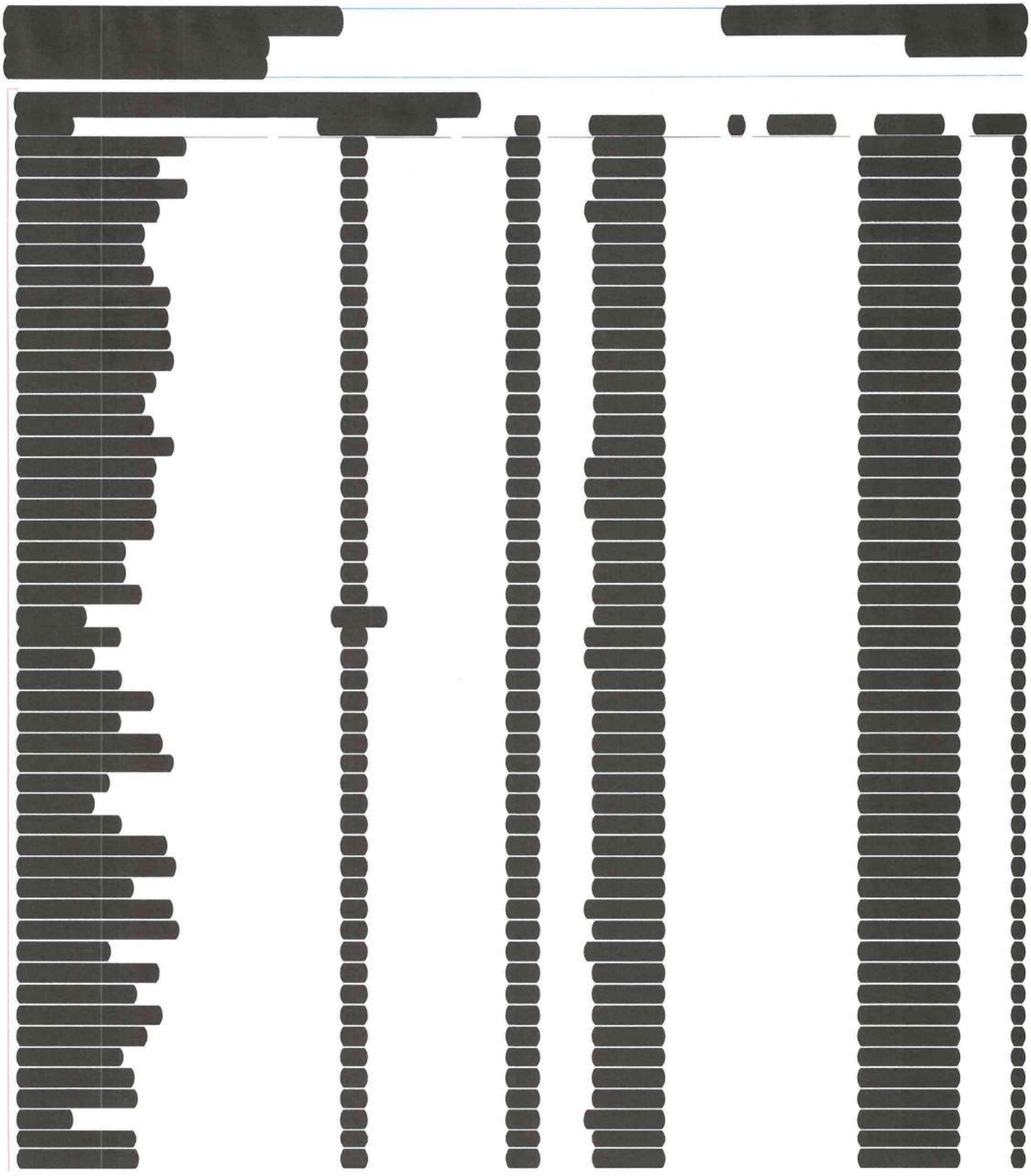


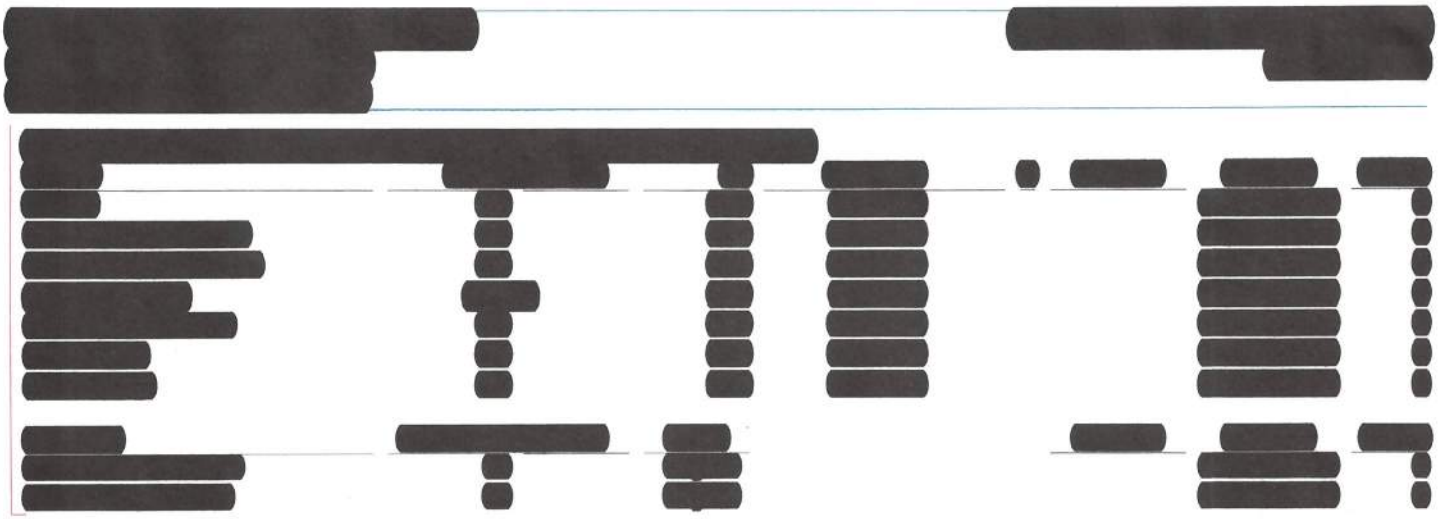


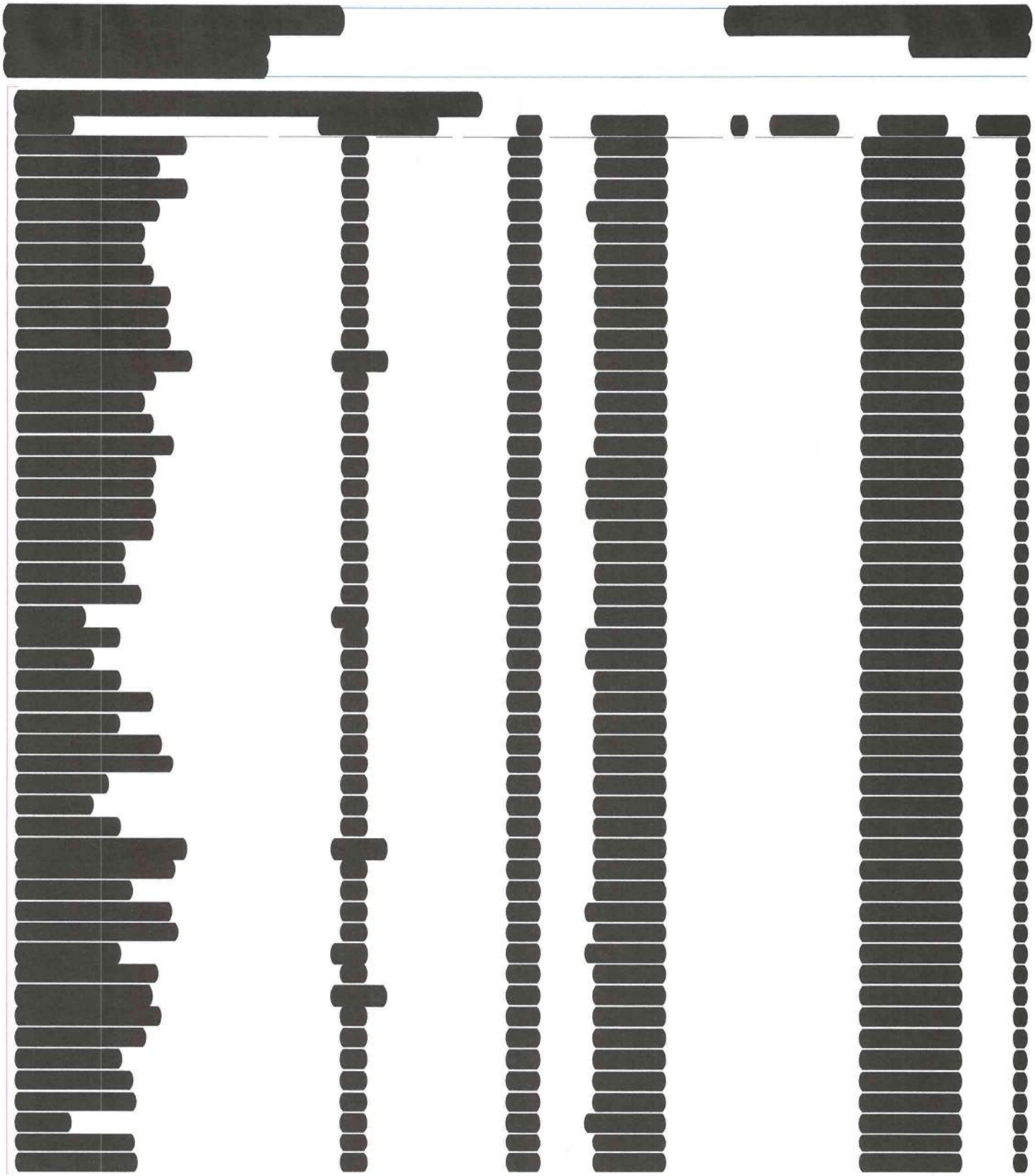


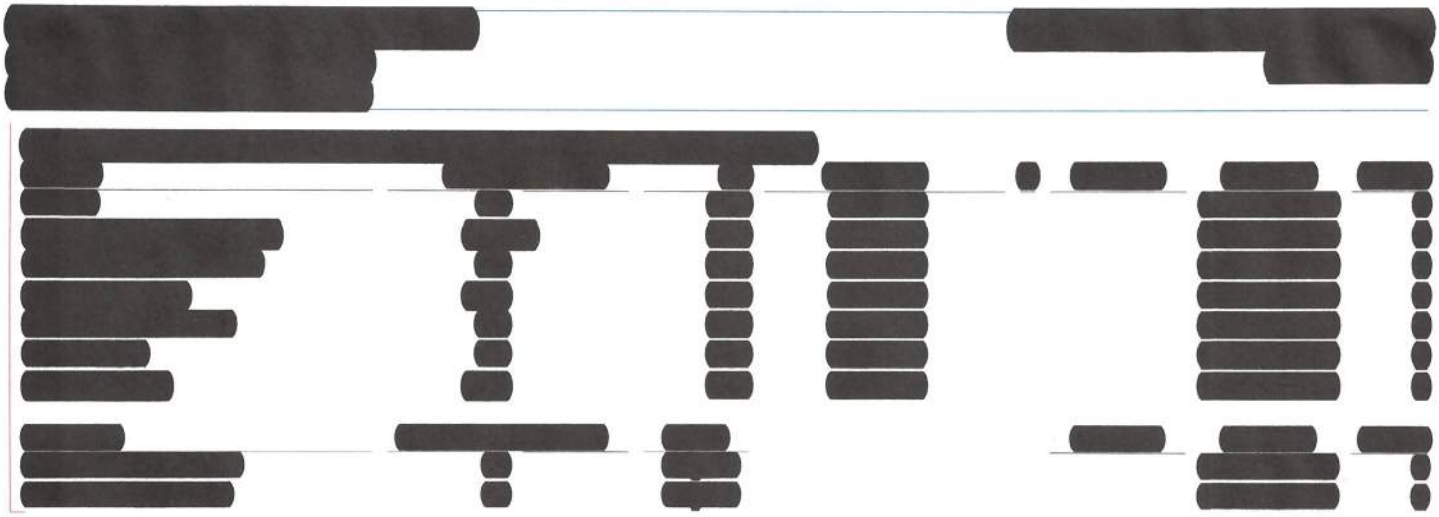


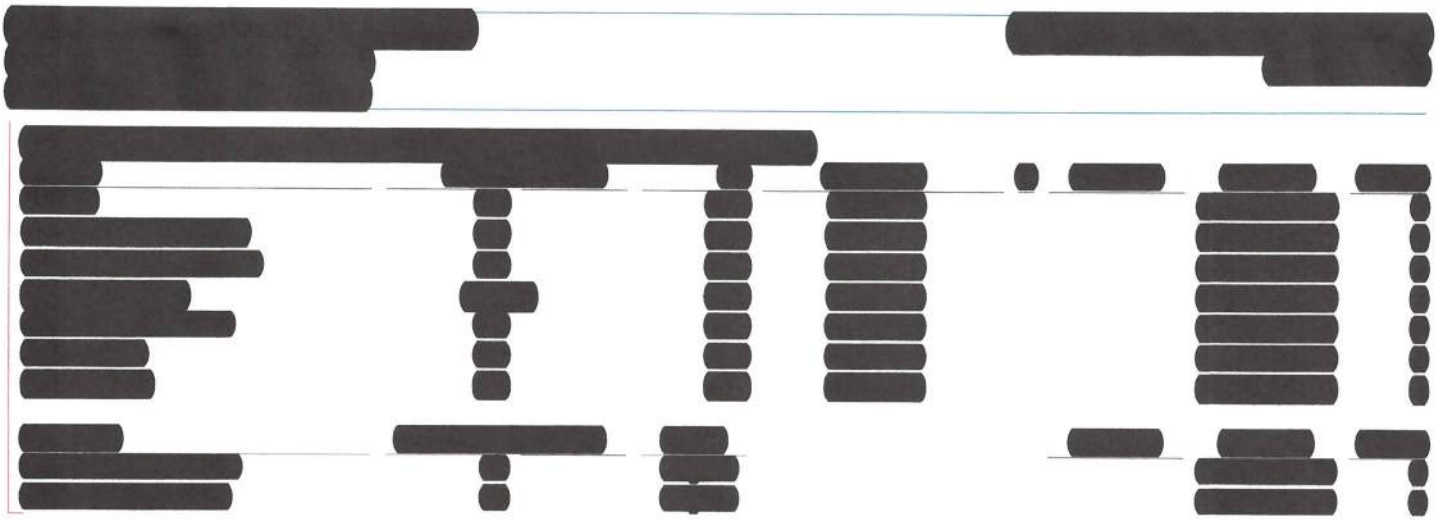


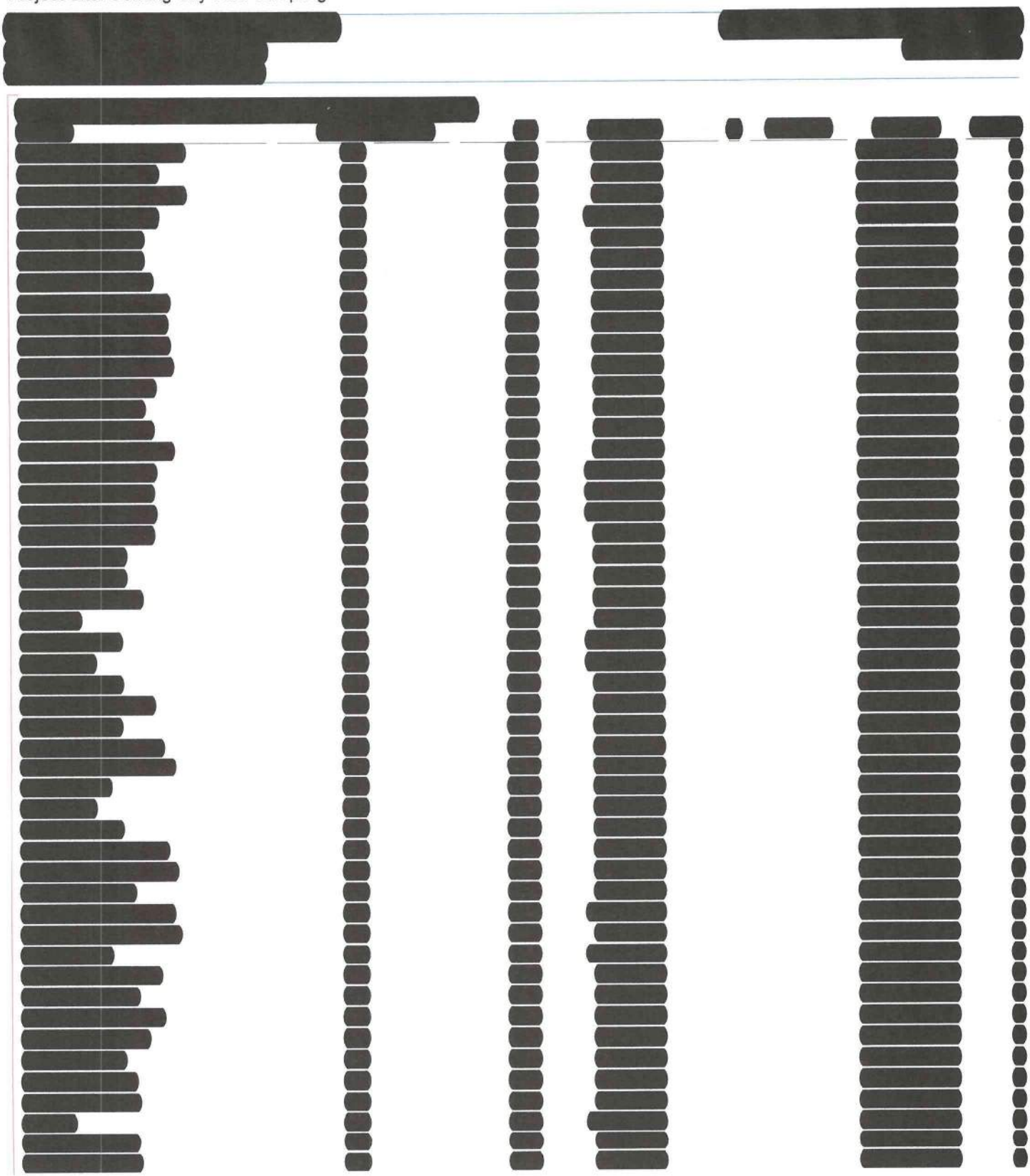


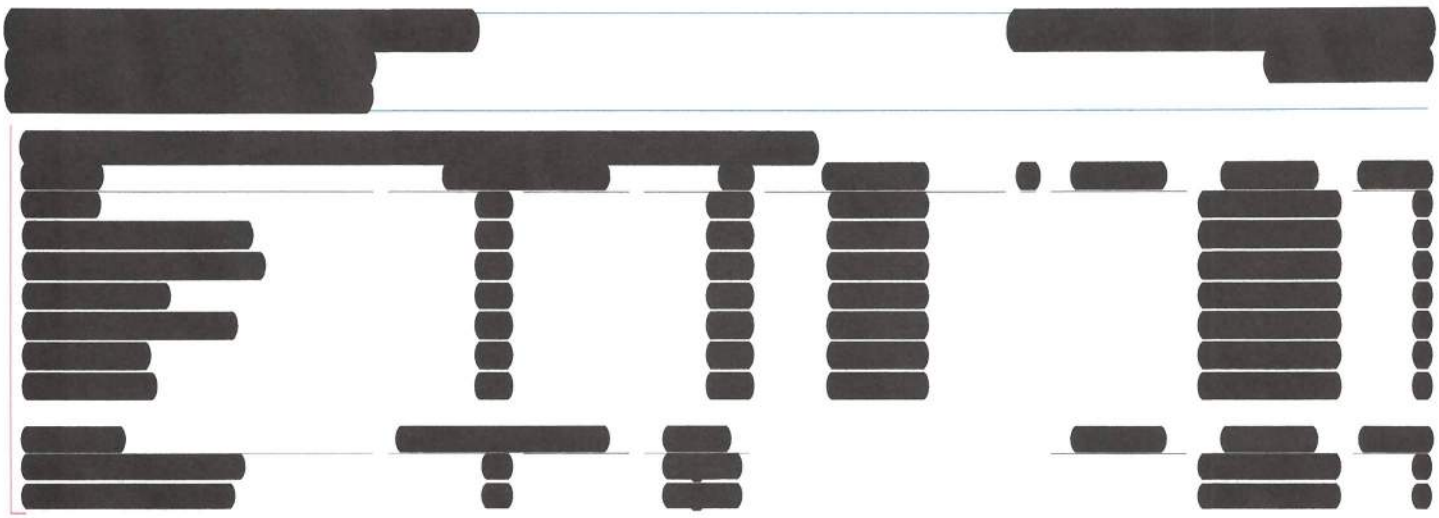












Client: O'Brien & Gere Inc of North America
Project/Site: Corning City Well Sampling

Job ID: 460-236851-1

Client Sample ID: Fallbrook-061521
Date Collected: 06/15/21 16:20
Date Received: 06/17/21 09:40

Lab Sample ID: 460-236851-10
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.12	ug/L			06/23/21 14:41	1
1,1,1-Trichloroethane	ND		0.50	0.17	ug/L			06/23/21 14:41	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.15	ug/L			06/23/21 14:41	1
1,1,2-Trichloroethane	ND		0.50	0.090	ug/L			06/23/21 14:41	1
1,1-Dichloroethane	ND		0.50	0.14	ug/L			06/23/21 14:41	1
1,1-Dichloroethene	ND		0.50	0.19	ug/L			06/23/21 14:41	1
1,1-Dichloropropene	ND		0.50	0.18	ug/L			06/23/21 14:41	1
1,2,3-Trichlorobenzene	ND		0.50	0.10	ug/L			06/23/21 14:41	1
1,2,3-Trichloropropane	ND		0.50	0.14	ug/L			06/23/21 14:41	1
1,2,4-Trichlorobenzene	ND		0.50	0.10	ug/L			06/23/21 14:41	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			06/23/21 14:41	1
1,2-Dichlorobenzene	ND		0.50	0.11	ug/L			06/23/21 14:41	1
1,2-Dichloroethane	ND		0.50	0.11	ug/L			06/23/21 14:41	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			06/23/21 14:41	1
1,3,5-Trimethylbenzene	ND		0.50	0.12	ug/L			06/23/21 14:41	1
1,3-Dichlorobenzene	ND		0.50	0.090	ug/L			06/23/21 14:41	1
1,3-Dichloropropane	ND		0.50	0.090	ug/L			06/23/21 14:41	1
1,4-Dichlorobenzene	ND		0.50	0.090	ug/L			06/23/21 14:41	1
2,2-Dichloropropane	ND		0.50	0.15	ug/L			06/23/21 14:41	1
2-Chlorotoluene	ND		0.50	0.10	ug/L			06/23/21 14:41	1
4-Chlorotoluene	ND		0.50	0.11	ug/L			06/23/21 14:41	1
4-Isopropyltoluene	ND		0.50	0.13	ug/L			06/23/21 14:41	1
Benzene	ND		0.50	0.11	ug/L			06/23/21 14:41	1
Bromobenzene	ND		0.50	0.070	ug/L			06/23/21 14:41	1
Bromoform	ND		0.50	0.080	ug/L			06/23/21 14:41	1
Bromomethane	ND		0.50	0.31	ug/L			06/23/21 14:41	1
Carbon tetrachloride	ND		0.50	0.17	ug/L			06/23/21 14:41	1
Chlorobenzene	ND		0.50	0.10	ug/L			06/23/21 14:41	1
Chlorobromomethane	ND		0.50	0.10	ug/L			06/23/21 14:41	1
Chlorodibromomethane	ND		0.50	0.15	ug/L			06/23/21 14:41	1
Chloroethane	ND		0.50	0.23	ug/L			06/23/21 14:41	1
Chloroform	ND		0.50	0.12	ug/L			06/23/21 14:41	1
Chloromethane	ND		0.50	0.18	ug/L			06/23/21 14:41	1
cis-1,2-Dichloroethene	ND		0.50	0.14	ug/L			06/23/21 14:41	1
cis-1,3-Dichloropropene	ND		0.50	0.18	ug/L			06/23/21 14:41	1
Dibromomethane	ND		0.50	0.10	ug/L			06/23/21 14:41	1
Dichlorobromomethane	ND		0.50	0.090	ug/L			06/23/21 14:41	1
Dichlorodifluoromethane	ND		0.50	0.30	ug/L			06/23/21 14:41	1
Ethylbenzene	ND		0.50	0.090	ug/L			06/23/21 14:41	1
Hexachlorobutadiene	ND		0.50	0.19	ug/L			06/23/21 14:41	1
Isopropylbenzene	ND		0.50	0.14	ug/L			06/23/21 14:41	1
Methyl tert-butyl ether	ND		0.50	0.24	ug/L			06/23/21 14:41	1
Methylene Chloride	ND		0.50	0.42	ug/L			06/23/21 14:41	1
n-Butylbenzene	ND		0.50	0.14	ug/L			06/23/21 14:41	1
N-Propylbenzene	ND		0.50	0.14	ug/L			06/23/21 14:41	1
sec-Butylbenzene	ND		0.50	0.15	ug/L			06/23/21 14:41	1
Styrene	ND		0.50	0.090	ug/L			06/23/21 14:41	1
tert-Butylbenzene	ND		0.50	0.16	ug/L			06/23/21 14:41	1
Tetrachloroethene	ND		0.50	0.14	ug/L			06/23/21 14:41	1

Client: O'Brien & Gere Inc of North America
Project/Site: Corning City Well Sampling

Job ID: 460-236851-1

Client Sample ID: Fallbrook-061521
Date Collected: 06/15/21 16:20
Date Received: 06/17/21 09:40

Lab Sample ID: 460-236851-10
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	2.3		0.50	0.11	ug/L			06/23/21 14:41	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			06/23/21 14:41	1
trans-1,3-Dichloropropene	ND		0.50	0.13	ug/L			06/23/21 14:41	1
Trichloroethene	0.21	J	0.50	0.11	ug/L			06/23/21 14:41	1
Trichlorofluoromethane	ND		0.50	0.27	ug/L			06/23/21 14:41	1
Vinyl chloride	ND		0.50	0.25	ug/L			06/23/21 14:41	1
Xylenes, Total	ND		0.50	0.32	ug/L			06/23/21 14:41	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*85*		*70 - 130*		*06/23/21 14:41*	*1*
4-Bromofluorobenzene	*92*		*70 - 130*		*06/23/21 14:41*	*1*

Client: O'Brien & Gere Inc of North America
Project/Site: Corning City Well Sampling

Job ID: 460-236851-1

Client Sample ID: FD-1
Date Collected: 06/15/21 00:00
Date Received: 06/17/21 09:40

Lab Sample ID: 460-236851-11
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.12	ug/L			06/23/21 15:01	1
1,1,1-Trichloroethane	ND		0.50	0.17	ug/L			06/23/21 15:01	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.15	ug/L			06/23/21 15:01	1
1,1,2-Trichloroethane	ND		0.50	0.090	ug/L			06/23/21 15:01	1
1,1-Dichloroethane	ND		0.50	0.14	ug/L			06/23/21 15:01	1
1,1-Dichloroethene	ND		0.50	0.19	ug/L			06/23/21 15:01	1
1,1-Dichloropropene	ND		0.50	0.18	ug/L			06/23/21 15:01	1
1,2,3-Trichlorobenzene	ND		0.50	0.10	ug/L			06/23/21 15:01	1
1,2,3-Trichloropropane	ND		0.50	0.14	ug/L			06/23/21 15:01	1
1,2,4-Trichlorobenzene	ND		0.50	0.10	ug/L			06/23/21 15:01	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			06/23/21 15:01	1
1,2-Dichlorobenzene	ND		0.50	0.11	ug/L			06/23/21 15:01	1
1,2-Dichloroethane	ND		0.50	0.11	ug/L			06/23/21 15:01	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			06/23/21 15:01	1
1,3,5-Trimethylbenzene	ND		0.50	0.12	ug/L			06/23/21 15:01	1
1,3-Dichlorobenzene	ND		0.50	0.090	ug/L			06/23/21 15:01	1
1,3-Dichloropropane	ND		0.50	0.090	ug/L			06/23/21 15:01	1
1,4-Dichlorobenzene	ND		0.50	0.090	ug/L			06/23/21 15:01	1
2,2-Dichloropropane	ND		0.50	0.15	ug/L			06/23/21 15:01	1
2-Chlorotoluene	ND		0.50	0.10	ug/L			06/23/21 15:01	1
4-Chlorotoluene	ND		0.50	0.11	ug/L			06/23/21 15:01	1
4-Isopropyltoluene	ND		0.50	0.13	ug/L			06/23/21 15:01	1
Benzene	ND		0.50	0.11	ug/L			06/23/21 15:01	1
Bromobenzene	ND		0.50	0.070	ug/L			06/23/21 15:01	1
Bromoform	ND		0.50	0.080	ug/L			06/23/21 15:01	1
Bromomethane	ND		0.50	0.31	ug/L			06/23/21 15:01	1
Carbon tetrachloride	ND		0.50	0.17	ug/L			06/23/21 15:01	1
Chlorobenzene	ND		0.50	0.10	ug/L			06/23/21 15:01	1
Chlorobromomethane	ND		0.50	0.10	ug/L			06/23/21 15:01	1
Chlorodibromomethane	ND		0.50	0.15	ug/L			06/23/21 15:01	1
Chloroethane	ND		0.50	0.23	ug/L			06/23/21 15:01	1
Chloroform	ND		0.50	0.12	ug/L			06/23/21 15:01	1
Chloromethane	ND		0.50	0.18	ug/L			06/23/21 15:01	1
cis-1,2-Dichloroethene	ND		0.50	0.14	ug/L			06/23/21 15:01	1
cis-1,3-Dichloropropene	ND		0.50	0.18	ug/L			06/23/21 15:01	1
Dibromomethane	ND		0.50	0.10	ug/L			06/23/21 15:01	1
Dichlorobromomethane	ND		0.50	0.090	ug/L			06/23/21 15:01	1
Dichlorodifluoromethane	ND		0.50	0.30	ug/L			06/23/21 15:01	1
Ethylbenzene	ND		0.50	0.090	ug/L			06/23/21 15:01	1
Hexachlorobutadiene	ND		0.50	0.19	ug/L			06/23/21 15:01	1
Isopropylbenzene	ND		0.50	0.14	ug/L			06/23/21 15:01	1
Methyl tert-butyl ether	ND		0.50	0.24	ug/L			06/23/21 15:01	1
Methylene Chloride	ND		0.50	0.42	ug/L			06/23/21 15:01	1
n-Butylbenzene	ND		0.50	0.14	ug/L			06/23/21 15:01	1
N-Propylbenzene	ND		0.50	0.14	ug/L			06/23/21 15:01	1
sec-Butylbenzene	ND		0.50	0.15	ug/L			06/23/21 15:01	1
Styrene	ND		0.50	0.090	ug/L			06/23/21 15:01	1
tert-Butylbenzene	ND		0.50	0.16	ug/L			06/23/21 15:01	1
Tetrachloroethene	ND		0.50	0.14	ug/L			06/23/21 15:01	1

Client: O'Brien & Gere Inc of North America
Project/Site: Corning City Well Sampling

Job ID: 460-236851-1

Client Sample ID: FD-1
Date Collected: 06/15/21 00:00
Date Received: 06/17/21 09:40

Lab Sample ID: 460-236851-11
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	1.7		0.50	0.11	ug/L			06/23/21 15:01	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			06/23/21 15:01	1
trans-1,3-Dichloropropene	ND		0.50	0.13	ug/L			06/23/21 15:01	1
Trichloroethene	ND		0.50	0.11	ug/L			06/23/21 15:01	1
Trichlorofluoromethane	ND		0.50	0.27	ug/L			06/23/21 15:01	1
Vinyl chloride	ND		0.50	0.25	ug/L			06/23/21 15:01	1
Xylenes, Total	ND		0.50	0.32	ug/L			06/23/21 15:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*89*		*70 - 130*		*06/23/21 15:01*	*1*
4-Bromofluorobenzene	*88*		*70 - 130*		*06/23/21 15:01*	*1*

Client Sample ID: Trip Blank-061521

Date Collected: 06/15/21 00:00
Date Received: 06/17/21 09:40

Lab Sample ID: 460-236851-12
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.12	ug/L			06/23/21 11:35	1
1,1,1-Trichloroethane	ND		0.50	0.17	ug/L			06/23/21 11:35	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.15	ug/L			06/23/21 11:35	1
1,1,2-Trichloroethane	ND		0.50	0.090	ug/L			06/23/21 11:35	1
1,1-Dichloroethane	ND		0.50	0.14	ug/L			06/23/21 11:35	1
1,1-Dichloroethene	ND		0.50	0.19	ug/L			06/23/21 11:35	1
1,1-Dichloropropene	ND		0.50	0.18	ug/L			06/23/21 11:35	1
1,2,3-Trichlorobenzene	ND		0.50	0.10	ug/L			06/23/21 11:35	1
1,2,3-Trichloropropane	ND		0.50	0.14	ug/L			06/23/21 11:35	1
1,2,4-Trichlorobenzene	ND		0.50	0.10	ug/L			06/23/21 11:35	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			06/23/21 11:35	1
1,2-Dichlorobenzene	ND		0.50	0.11	ug/L			06/23/21 11:35	1
1,2-Dichloroethane	ND		0.50	0.11	ug/L			06/23/21 11:35	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			06/23/21 11:35	1
1,3,5-Trimethylbenzene	ND		0.50	0.12	ug/L			06/23/21 11:35	1
1,3-Dichlorobenzene	ND		0.50	0.090	ug/L			06/23/21 11:35	1
1,3-Dichloropropane	ND		0.50	0.090	ug/L			06/23/21 11:35	1
1,4-Dichlorobenzene	ND		0.50	0.090	ug/L			06/23/21 11:35	1
2,2-Dichloropropane	ND		0.50	0.15	ug/L			06/23/21 11:35	1
2-Chlorotoluene	ND		0.50	0.10	ug/L			06/23/21 11:35	1
4-Chlorotoluene	ND		0.50	0.11	ug/L			06/23/21 11:35	1
4-Isopropyltoluene	ND		0.50	0.13	ug/L			06/23/21 11:35	1
Benzene	ND		0.50	0.11	ug/L			06/23/21 11:35	1
Bromobenzene	ND		0.50	0.070	ug/L			06/23/21 11:35	1
Bromoform	ND		0.50	0.080	ug/L			06/23/21 11:35	1
Bromomethane	ND		0.50	0.31	ug/L			06/23/21 11:35	1
Carbon tetrachloride	ND		0.50	0.17	ug/L			06/23/21 11:35	1
Chlorobenzene	ND		0.50	0.10	ug/L			06/23/21 11:35	1
Chlorobromomethane	ND		0.50	0.10	ug/L			06/23/21 11:35	1
Chlorodibromomethane	ND		0.50	0.15	ug/L			06/23/21 11:35	1
Chloroethane	ND		0.50	0.23	ug/L			06/23/21 11:35	1
Chloroform	ND		0.50	0.12	ug/L			06/23/21 11:35	1
Chloromethane	ND		0.50	0.18	ug/L			06/23/21 11:35	1
cis-1,2-Dichloroethene	ND		0.50	0.14	ug/L			06/23/21 11:35	1
cis-1,3-Dichloropropene	ND		0.50	0.18	ug/L			06/23/21 11:35	1
Dibromomethane	ND		0.50	0.10	ug/L			06/23/21 11:35	1
Dichlorobromomethane	ND		0.50	0.090	ug/L			06/23/21 11:35	1
Dichlorodifluoromethane	ND		0.50	0.30	ug/L			06/23/21 11:35	1
Ethylbenzene	ND		0.50	0.090	ug/L			06/23/21 11:35	1
Hexachlorobutadiene	ND		0.50	0.19	ug/L			06/23/21 11:35	1
Isopropylbenzene	ND		0.50	0.14	ug/L			06/23/21 11:35	1
Methyl tert-butyl ether	ND		0.50	0.24	ug/L			06/23/21 11:35	1
Methylene Chloride	ND		0.50	0.42	ug/L			06/23/21 11:35	1
n-Butylbenzene	ND		0.50	0.14	ug/L			06/23/21 11:35	1
N-Propylbenzene	ND		0.50	0.14	ug/L			06/23/21 11:35	1
sec-Butylbenzene	ND		0.50	0.15	ug/L			06/23/21 11:35	1
Styrene	ND		0.50	0.090	ug/L			06/23/21 11:35	1
tert-Butylbenzene	ND		0.50	0.16	ug/L			06/23/21 11:35	1
Tetrachloroethene	ND		0.50	0.14	ug/L			06/23/21 11:35	1

Client: O'Brien & Gere Inc of North America
Project/Site: Corning City Well Sampling

Job ID: 460-236851-1

Client Sample ID: Trip Blank-061521
Date Collected: 06/15/21 00:00
Date Received: 06/17/21 09:40

Lab Sample ID: 460-236851-12
Matrix: Water

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		0.50	0.11	ug/L			06/23/21 11:35	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			06/23/21 11:35	1
trans-1,3-Dichloropropene	ND		0.50	0.13	ug/L			06/23/21 11:35	1
Trichloroethene	ND		0.50	0.11	ug/L			06/23/21 11:35	1
Trichlorofluoromethane	ND		0.50	0.27	ug/L			06/23/21 11:35	1
Vinyl chloride	ND		0.50	0.25	ug/L			06/23/21 11:35	1
Xylenes, Total	ND		0.50	0.32	ug/L			06/23/21 11:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*90*		*70 - 130*		*06/23/21 11:35*	*1*
4-Bromofluorobenzene	*91*		*70 - 130*		*06/23/21 11:35*	*1*

Surrogate Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Corning City Well Sampling

Job ID: 460-236851-1

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Matrix: Water

Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)	
		DCZ	BFB
Lab Sample ID	Client Sample ID	(70-130)	(70-130)
[redacted]	[redacted]	[redacted]	[redacted]
460-236851-10	Fallbrook-061521	85	92
460-236851-11	FD-1	89	88
460-236851-12	Trip Blank-061521	90	91
LCS 460-785985/5	Lab Control Sample	88	97
MB 460-785985/8	Method Blank	87	90

Surrogate Legend

DCZ = 1,2-Dichlorobenzene-d4

BFB = 4-Bromofluorobenzene

Method: 524.2 - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 460-785985/8
Matrix: Water
Analysis Batch: 785985

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.50	0.12	ug/L			06/23/21 09:10	1
1,1,1-Trichloroethane	ND		0.50	0.17	ug/L			06/23/21 09:10	1
1,1,2,2-Tetrachloroethane	ND		0.50	0.15	ug/L			06/23/21 09:10	1
1,1,2-Trichloroethane	ND		0.50	0.090	ug/L			06/23/21 09:10	1
1,1-Dichloroethane	ND		0.50	0.14	ug/L			06/23/21 09:10	1
1,1-Dichloroethene	ND		0.50	0.19	ug/L			06/23/21 09:10	1
1,1-Dichloropropene	ND		0.50	0.18	ug/L			06/23/21 09:10	1
1,2,3-Trichlorobenzene	ND		0.50	0.10	ug/L			06/23/21 09:10	1
1,2,3-Trichloropropane	ND		0.50	0.14	ug/L			06/23/21 09:10	1
1,2,4-Trichlorobenzene	ND		0.50	0.10	ug/L			06/23/21 09:10	1
1,2,4-Trimethylbenzene	ND		0.50	0.10	ug/L			06/23/21 09:10	1
1,2-Dichlorobenzene	ND		0.50	0.11	ug/L			06/23/21 09:10	1
1,2-Dichloroethane	ND		0.50	0.11	ug/L			06/23/21 09:10	1
1,2-Dichloropropane	ND		0.50	0.11	ug/L			06/23/21 09:10	1
1,3,5-Trimethylbenzene	ND		0.50	0.12	ug/L			06/23/21 09:10	1
1,3-Dichlorobenzene	ND		0.50	0.090	ug/L			06/23/21 09:10	1
1,3-Dichloropropane	ND		0.50	0.090	ug/L			06/23/21 09:10	1
1,4-Dichlorobenzene	ND		0.50	0.090	ug/L			06/23/21 09:10	1
2,2-Dichloropropane	ND		0.50	0.15	ug/L			06/23/21 09:10	1
2-Chlorotoluene	ND		0.50	0.10	ug/L			06/23/21 09:10	1
4-Chlorotoluene	ND		0.50	0.11	ug/L			06/23/21 09:10	1
4-Isopropyltoluene	ND		0.50	0.13	ug/L			06/23/21 09:10	1
Benzene	ND		0.50	0.11	ug/L			06/23/21 09:10	1
Bromobenzene	ND		0.50	0.070	ug/L			06/23/21 09:10	1
Bromoform	ND		0.50	0.080	ug/L			06/23/21 09:10	1
Bromomethane	ND		0.50	0.31	ug/L			06/23/21 09:10	1
Carbon tetrachloride	ND		0.50	0.17	ug/L			06/23/21 09:10	1
Chlorobenzene	ND		0.50	0.10	ug/L			06/23/21 09:10	1
Chlorobromomethane	ND		0.50	0.10	ug/L			06/23/21 09:10	1
Chlorodibromomethane	ND		0.50	0.15	ug/L			06/23/21 09:10	1
Chloroethane	ND		0.50	0.23	ug/L			06/23/21 09:10	1
Chloroform	ND		0.50	0.12	ug/L			06/23/21 09:10	1
Chloromethane	ND		0.50	0.18	ug/L			06/23/21 09:10	1
cis-1,2-Dichloroethene	ND		0.50	0.14	ug/L			06/23/21 09:10	1
cis-1,3-Dichloropropene	ND		0.50	0.18	ug/L			06/23/21 09:10	1
Dibromomethane	ND		0.50	0.10	ug/L			06/23/21 09:10	1
Dichlorobromomethane	ND		0.50	0.090	ug/L			06/23/21 09:10	1
Dichlorodifluoromethane	ND		0.50	0.30	ug/L			06/23/21 09:10	1
Ethylbenzene	ND		0.50	0.090	ug/L			06/23/21 09:10	1
Hexachlorobutadiene	ND		0.50	0.19	ug/L			06/23/21 09:10	1
Isopropylbenzene	ND		0.50	0.14	ug/L			06/23/21 09:10	1
Methyl tert-butyl ether	ND		0.50	0.24	ug/L			06/23/21 09:10	1
Methylene Chloride	ND		0.50	0.42	ug/L			06/23/21 09:10	1
n-Butylbenzene	ND		0.50	0.14	ug/L			06/23/21 09:10	1
N-Propylbenzene	ND		0.50	0.14	ug/L			06/23/21 09:10	1
sec-Butylbenzene	ND		0.50	0.15	ug/L			06/23/21 09:10	1
Styrene	ND		0.50	0.090	ug/L			06/23/21 09:10	1
tert-Butylbenzene	ND		0.50	0.16	ug/L			06/23/21 09:10	1

Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 460-785985/8
Matrix: Water
Analysis Batch: 785985

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Tetrachloroethene	ND		0.50	0.14	ug/L			06/23/21 09:10	1
Toluene	ND		0.50	0.11	ug/L			06/23/21 09:10	1
trans-1,2-Dichloroethene	ND		0.50	0.13	ug/L			06/23/21 09:10	1
trans-1,3-Dichloropropene	ND		0.50	0.13	ug/L			06/23/21 09:10	1
Trichloroethene	ND		0.50	0.11	ug/L			06/23/21 09:10	1
Trichlorofluoromethane	ND		0.50	0.27	ug/L			06/23/21 09:10	1
Vinyl chloride	ND		0.50	0.25	ug/L			06/23/21 09:10	1
Xylenes, Total	ND		0.50	0.32	ug/L			06/23/21 09:10	1

Tentatively Identified Compound	*MB Est. Result*	*MB Qualifier*	*Unit*	*D*	*RT*	*CAS No.*	*Prepared*	*Analyzed*	*Dil Fac*
Tentatively Identified Compound	*None*		*ug/L*					*06/23/21 09:10*	*1*

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichlorobenzene-d4	*87*		*70 - 130*		*06/23/21 09:10*	*1*
4-Bromofluorobenzene	*90*		*70 - 130*		*06/23/21 09:10*	*1*

Lab Sample ID: LCS 460-785985/5
Matrix: Water
Analysis Batch: 785985

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1,2-Tetrachloroethane	2.00	1.89		ug/L		94	70 - 130
1,1,1-Trichloroethane	2.00	2.05		ug/L		102	70 - 130
1,1,2,2-Tetrachloroethane	2.00	1.93		ug/L		97	70 - 130
1,1,2-Trichloroethane	2.00	1.99		ug/L		100	70 - 130
1,1-Dichloroethane	2.00	2.12		ug/L		106	70 - 130
1,1-Dichloroethene	2.00	2.21		ug/L		111	70 - 130
1,1-Dichloropropene	2.00	2.23		ug/L		111	70 - 130
1,2,3-Trichlorobenzene	2.00	1.78		ug/L		89	70 - 130
1,2,3-Trichloropropane	2.00	2.20		ug/L		110	70 - 130
1,2,4-Trichlorobenzene	2.00	1.67		ug/L		84	70 - 130
1,2,4-Trimethylbenzene	2.00	1.80		ug/L		90	70 - 130
1,2-Dichlorobenzene	2.00	1.80		ug/L		90	70 - 130
1,2-Dichloroethane	2.00	2.18		ug/L		109	70 - 130
1,2-Dichloropropane	2.00	1.97		ug/L		99	70 - 130
1,3,5-Trimethylbenzene	2.00	1.73		ug/L		86	70 - 130
1,3-Dichlorobenzene	2.00	1.80		ug/L		90	70 - 130
1,3-Dichloropropane	2.00	1.95		ug/L		97	70 - 130
1,4-Dichlorobenzene	2.00	1.83		ug/L		92	70 - 130
2,2-Dichloropropane	2.00	2.18		ug/L		109	70 - 130
2-Chlorotoluene	2.00	1.85		ug/L		92	70 - 130
4-Chlorotoluene	2.00	1.92		ug/L		96	70 - 130
4-Isopropyltoluene	2.00	1.78		ug/L		89	70 - 130
Benzene	2.00	1.98		ug/L		99	70 - 130
Bromobenzene	2.00	1.84		ug/L		92	70 - 130
Bromoform	2.00	1.78		ug/L		89	70 - 130
Bromomethane	2.00	2.43		ug/L		122	70 - 130
Carbon tetrachloride	2.00	2.03		ug/L		102	70 - 130

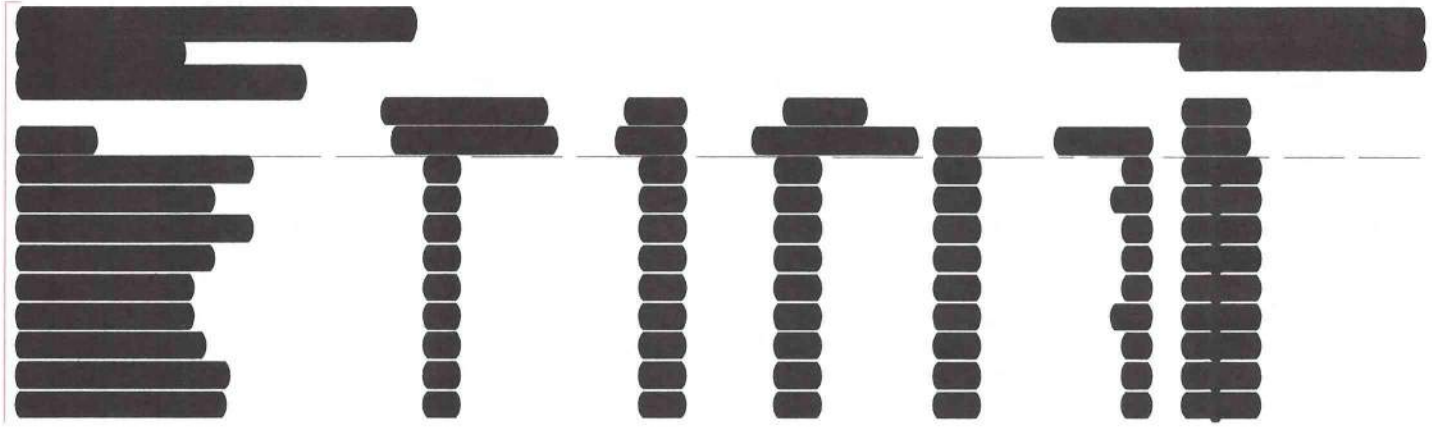
Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 460-785985/5
Matrix: Water
Analysis Batch: 785985

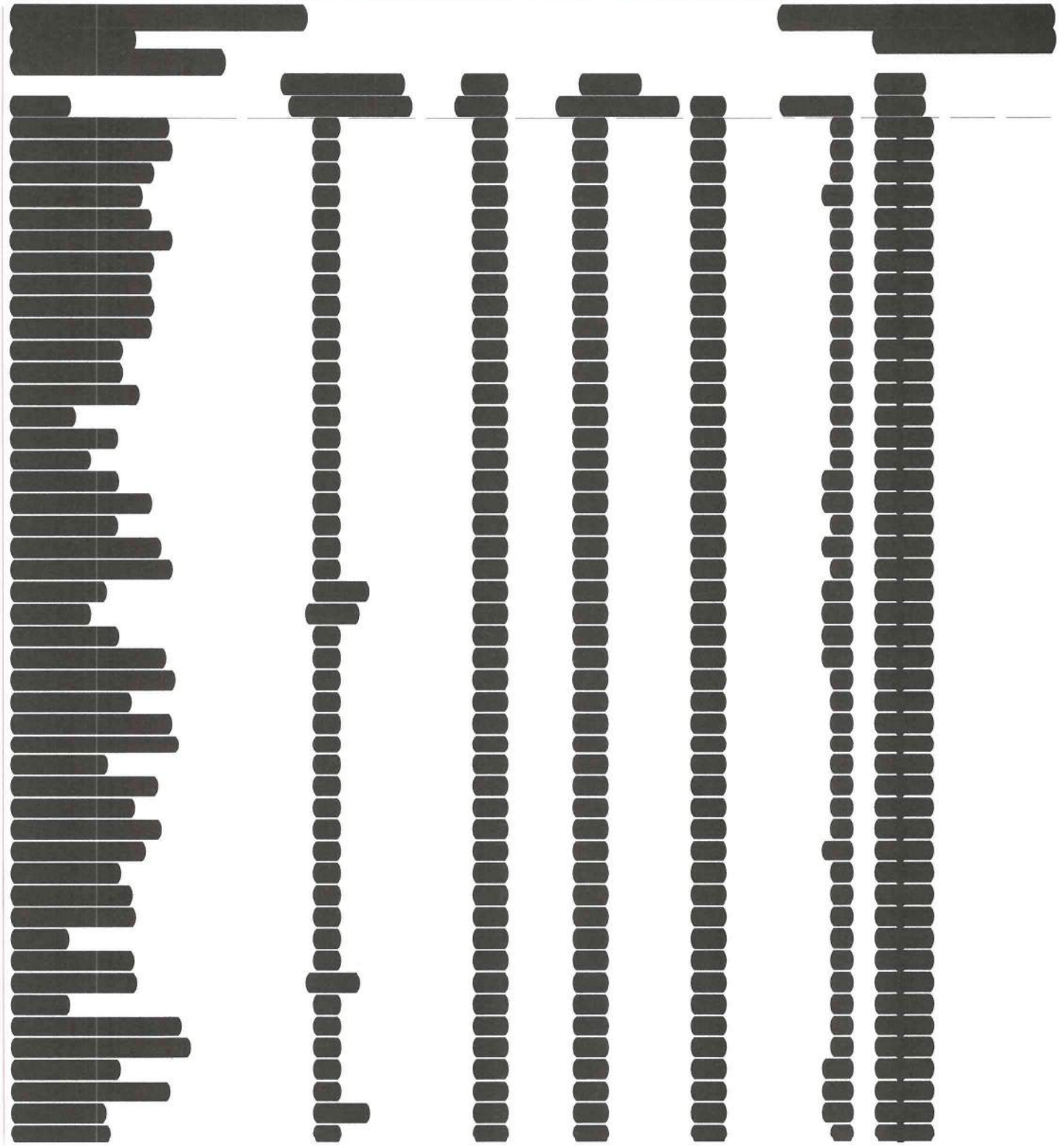
Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Chlorobenzene	2.00	1.97		ug/L		98	70 - 130
Chlorobromomethane	2.00	1.89		ug/L		95	70 - 130
Chlorodibromomethane	2.00	1.81		ug/L		91	70 - 130
Chloroethane	2.00	2.38		ug/L		119	70 - 130
Chloroform	2.00	2.08		ug/L		104	70 - 130
Chloromethane	2.00	2.44		ug/L		122	70 - 130
cis-1,2-Dichloroethene	2.00	2.08		ug/L		104	70 - 130
cis-1,3-Dichloropropene	2.00	2.19		ug/L		110	70 - 130
Dibromomethane	2.00	1.99		ug/L		99	70 - 130
Dichlorobromomethane	2.00	2.02		ug/L		101	70 - 130
Dichlorodifluoromethane	2.00	1.94		ug/L		97	70 - 130
Ethylbenzene	2.00	1.87		ug/L		93	70 - 130
Hexachlorobutadiene	2.00	2.07		ug/L		103	70 - 130
Isopropylbenzene	2.00	1.80		ug/L		90	70 - 130
Methyl tert-butyl ether	2.00	1.89		ug/L		95	70 - 130
Methylene Chloride	2.00	2.06		ug/L		103	70 - 130
n-Butylbenzene	2.00	1.77		ug/L		88	70 - 130
N-Propylbenzene	2.00	1.74		ug/L		87	70 - 130
sec-Butylbenzene	2.00	1.64		ug/L		82	70 - 130
Styrene	2.00	1.72		ug/L		86	70 - 130
tert-Butylbenzene	2.00	1.86		ug/L		93	70 - 130
Tetrachloroethene	2.00	1.82		ug/L		91	70 - 130
Toluene	2.00	1.93		ug/L		96	70 - 130
trans-1,2-Dichloroethene	2.00	1.92		ug/L		96	70 - 130
trans-1,3-Dichloropropene	2.00	1.74		ug/L		87	70 - 130
Trichloroethene	2.00	1.99		ug/L		99	70 - 130
Trichlorofluoromethane	2.00	2.11		ug/L		106	70 - 130
Vinyl chloride	2.00	2.43		ug/L		122	70 - 130
Xylenes, Total	6.00	5.13		ug/L		85	70 - 130

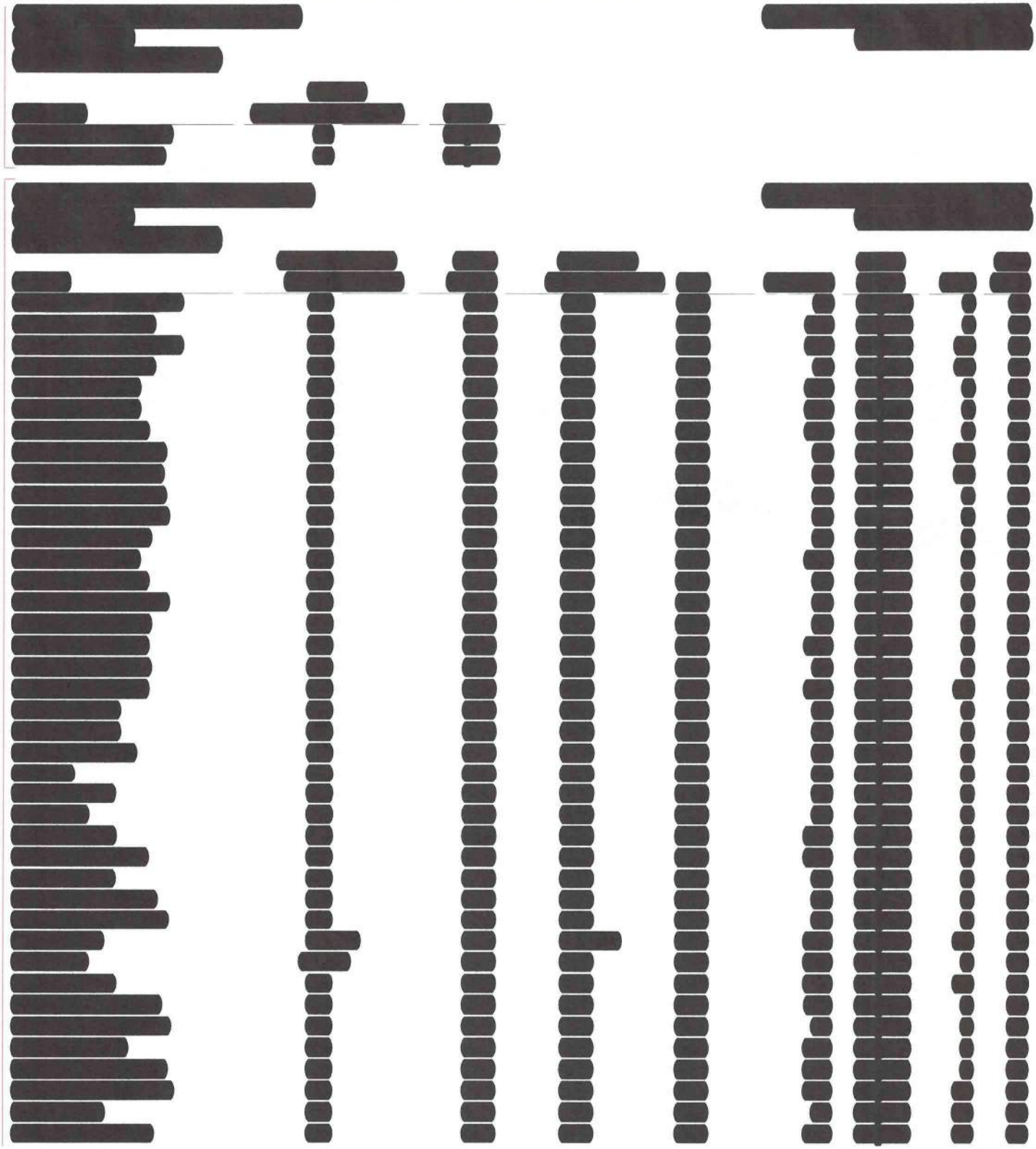
Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichlorobenzene-d4	*88*		*70 - 130*
4-Bromofluorobenzene	*97*		*70 - 130*



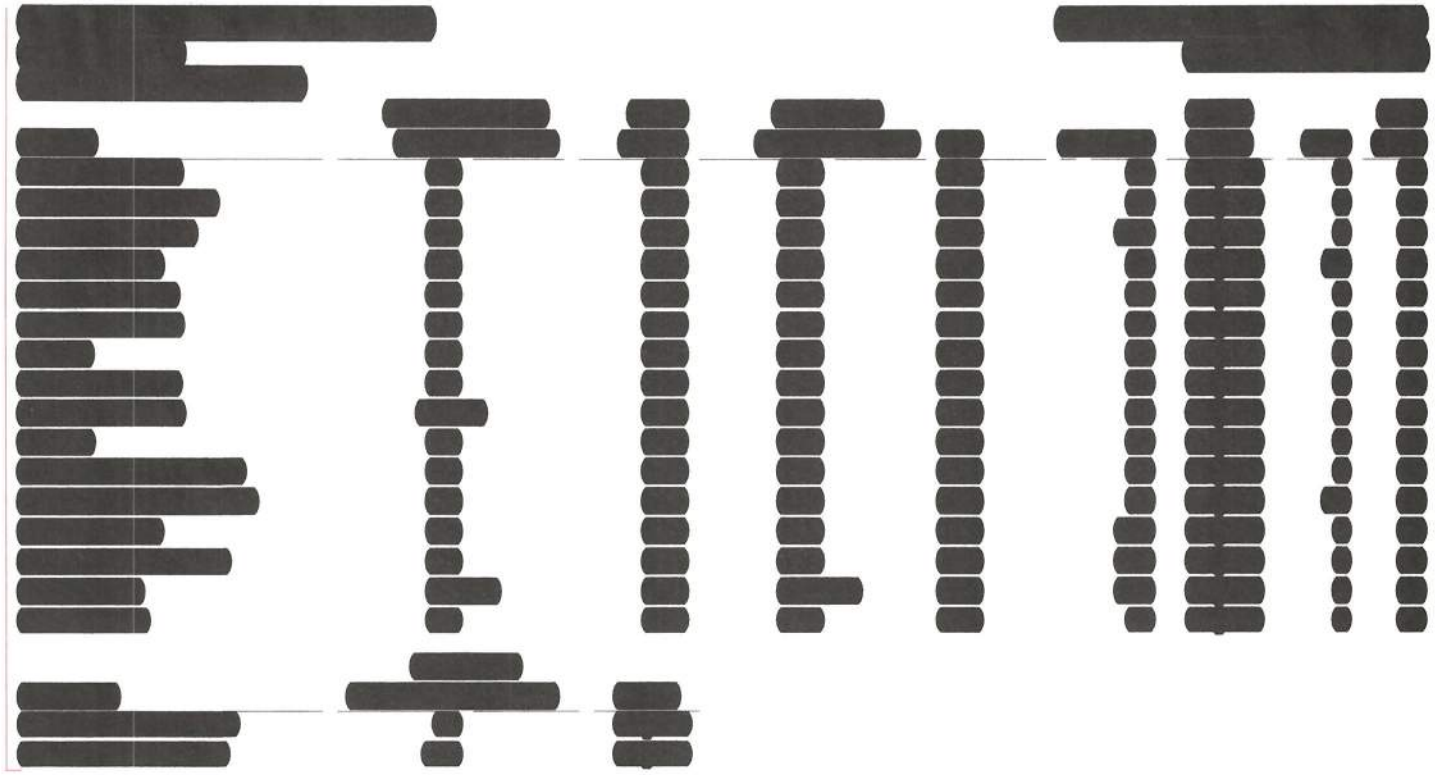
Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)



Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)



Method: 524.2 - Volatile Organic Compounds (GC/MS) (Continued)

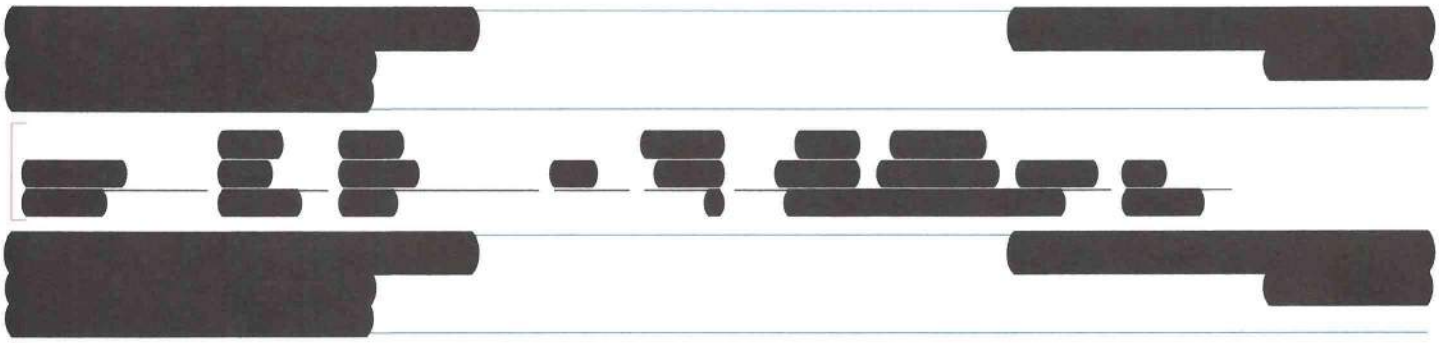


GC/MS VOA

Analysis Batch: 785985

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	
460-236851-10	Fallbrook-061521	Total/NA	Water	524.2	
460-236851-11	FD-1	Total/NA	Water	524.2	
460-236851-12	Trip Blank-061521	Total/NA	Water	524.2	
MB 460-785985/8	Method Blank	Total/NA	Water	524.2	
LCS 460-785985/5	Lab Control Sample	Total/NA	Water	524.2	
[redacted]	[redacted]	[redacted]	[redacted]	[redacted]	

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA								



Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	[redacted]	[redacted]		[redacted]	[redacted]			[redacted]

Client Sample ID: Fallbrook-061521 — **Lab Sample ID: 460-236851-10**
Date Collected: 06/15/21 16:20 — **Matrix: Water**
Date Received: 06/17/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	785985	06/23/21 14:41	SZD	TAL EDI

Client Sample ID: FD-1 — **Lab Sample ID: 460-236851-11**
Date Collected: 06/15/21 00:00 — **Matrix: Water**
Date Received: 06/17/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	785985	06/23/21 15:01	SZD	TAL EDI

Client Sample ID: Trip Blank-061521 — **Lab Sample ID: 460-236851-12**
Date Collected: 06/15/21 00:00 — **Matrix: Water**
Date Received: 06/17/21 09:40

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	524.2		1	785985	06/23/21 11:35	SZD	TAL EDI

Laboratory References:
TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Accreditation/Certification Summary

Client: O'Brien & Gere Inc of North America
Job ID: 460-236851-1
Project/Site: Corning City Well Sampling

Laboratory: Eurofins TestAmerica, Edison

The accreditations/certifications listed below are applicable to this report.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	11452	04-01-22

Method Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Corning City Well Sampling

Job ID: 460-236851-1

Method	Method Description	Protocol	Laboratory
524.2	Volatile Organic Compounds (GC/MS)	EPA-DW	TAL EDI

Protocol References:

EPA-DW = "Methods For The Determination Of Organic Compounds In Drinking Water", EPA/600/4-88/039, December 1988 And Its Supplements.

Laboratory References:

TAL EDI = Eurofins TestAmerica, Edison, 777 New Durham Road, Edison, NJ 08817, TEL (732)549-3900

Sample Summary

Client: O'Brien & Gere Inc of North America
Project/Site: Corning City Well Sampling

Job ID: 460-236851-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
460-236851-10	Fallbrook-061521	Water	06/15/21 16:20	06/17/21 09:40	
460-236851-11	FD-1	Water	06/15/21 00:00	06/17/21 09:40	
460-236851-12	Trip Blank-061521	Water	06/15/21 00:00	06/17/21 09:40	

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins Environment Testing America

Client Information	Sampler: SGM, NP	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-161915-35556.1
Client Contact: Mr. Scott Mosher	Phone: (585)944-7614	E-Mail: John.Schove@Eurofinset.com	State of Origin:	Page: Page 1 of 2
Company: O'Brien & Gere Inc of North America	PWSID:	Analysis Requested		Job #: 236851
Address: PO BOX 4873	Due Date Requested:			Preservation Codes:
City: Syracuse	TAT Requested (days): STANDARD (10-DAY)			A - HCL, B - NaOH, C - Zn Acetate, D - Nitric Acid, E - NaHSO4, F - MeOH, G - Amchlor, H - Ascorbic Acid, I - Ice, J - DI Water, K - EDTA, L - EDA; M - Hexane, N - None, O - AsNaO2, P - Na2O4S, Q - Na2SO3, R - Na2S2O3, S - H2SO4, T - TSP Dodecahydrate, U - Acetone, V - MCAA, W - pH 4-5, Z - other (specify)
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6456(Tel)	PO #: 1940003127			
Email: scott.mosher@ramboll.com	WO #:			
Project Name: Corning [redacted] CITY WELL SAMPLING	Project #: 48023837			
Site: [redacted] FALLBROOK	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	524.2_Preserved - 524.2 Regular Full List + TBA	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A		
[redacted]									1
									2
									3
									4
									5
									6
									7
									8
									9
FALLBROOK - 061521	6/15/21	16:20	G	Water	N	N	X		10
FD-1	6/15/21	—	G	Water	N	N	X		11

460-236851 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☒ Archive For 1 Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:		
Relinquished by: Scott Mosher [signature]	Date/Time: 6/15/21 19:40	Company: RAMBOLL	Received by: [signature]	Date/Time: 6-15-21, 19:40	Company: Lyn
Relinquished by: [signature]	Date/Time: 6-15-21, 19:00	Company: Lyn	Received by: [signature] Via Fedex	Date/Time: 6/17/21 940	Company: GAE
Relinquished by:	Date/Time:	Company:	Received by:	Date/Time:	Company:

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 1521403	Cooler Temperature(s) °C and Other Remarks: 3.4°/2.9°C

Ver: 11/01/2020

Eurofins TestAmerica, Edison
777 New Durham Road
Edison, NJ 08817
Phone: 732-549-3900 Fax: 732-549-3679

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: SEM/NP	Lab PM: Schove, John R	Carrier Tracking No(s):	COC No: 480-161915-35556.2
Client Contact: Mr. Scott Mosher	Phone: 585-944-7614	E-Mail: John.Schove@Eurofinset.com	State of Origin:	Page: Page 2 of 2
Company: O'Brien & Gere Inc of North America	PWSID:			Job #: 736851
Address: PO BOX 4873	Due Date Requested:			
City: Syracuse	TAT Requested (days):			
State, Zip: NY, 13221	Compliance Project: Δ Yes Δ No			
Phone: 315-956-6455(Tel)	PO #: 1940003127			
Email: scott.mosher@ramboll.com	WO #:			
Project Name: Corning [redacted] CITY WELL SAMPLING	Project #: 48023837			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	524.2_Preserved - 524.2 Regular Full List + TBA	Total Number of containers	Special Instructions/Note:
			Preservation Code:		X	X	A	X	
TRIP-BLANK-061521	06/15/21	—	—	Water	N	N	X	2	
				Water					
				Water					

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☒ Archive For ____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by	Date/Time	Company	Received by	Date/Time	Company
1	Scott Mosher	6/15/21 19:40	RAMBOLL	R. English	6-15-21, 19:40	Eyn
2	R. English	6-15-21, 1900	Eyn	Received via FedEx	6/17/21 940	EAE
3						

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.: 1521403	Cooler Temperature(s) °C and Other Remarks: 3.4°C/2.9°C

Ver: 11/01/2020

Eurofins TestAmerica Edison
Receipt Temperature and pH Log

Job Number: 236851

Number of Coolers: 1 IR Gun # 9

Cooler Temperatures

	RAW	CORRECTED		RAW	CORRECTED		RAW	CORRECTED
Cooler #1:	3.4 °C	2.5 °C	Cooler #4:	°C	°C	Cooler #7:	°C	°C
Cooler #2:	°C	°C	Cooler #5:	°C	°C	Cooler #8:	°C	°C
Cooler #3:	°C	°C	Cooler #6:	°C	°C	Cooler #9:	°C	°C

TALS Sample Number	Ammonia (pH<2)	COD (pH<2)	Nitrate Nitrite (pH<2)	Metals (pH<2)	Hardness (pH<2)	Pest (pH 5-9)	EPH or QAM (pH<2)	Phenols (pH<2)	Sulfide (pH>9)	TKN (pH<2)	TOC (pH<2)	Total Cyanide (pH>12)	Total Phos (pH<2)	Other	Other

If pH adjustments are required record the information below:

Sample No(s). adjusted: _____

Preservative Name/Conc.: _____ Volume of Preservative used (ml): _____

Lot # of Preservative(s): _____ Expiration Date: _____

The appropriate Project Manager and Department Manager should be notified about the samples which were pH adjusted.

Samples for Metal analysis which are out of compliance must be acidified at least 24 hours prior to analysis.

Initials: _____ Date: 6/17/21

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 460-236851-1

Login Number: 236851
List Number: 1
Creator: DiGuardia, Joseph L

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Login Sample Receipt Checklist

Client: O'Brien & Gere Inc of North America

Job Number: 460-236851-1

Login Number: 236851
List Number: 2
Creator: DiGuardia, Joseph L

List Source: Eurofins TestAmerica, Edison

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background		
The cooler's custody seal, if present, is intact.		
The cooler or samples do not appear to have been compromised or tampered with.		
Samples were received on ice.		
Cooler Temperature is acceptable.		
Cooler Temperature is recorded.		
COC is present.		
COC is filled out in ink and legible.		
COC is filled out with all pertinent information.		
Is the Field Sampler's name present on COC?		
There are no discrepancies between the sample IDs on the containers and the COC.		
Samples are received within Holding Time (Excluding tests with immediate HTs)..		
Sample containers have legible labels.		
Containers are not broken or leaking.		
Sample collection date/times are provided.		
Appropriate sample containers are used.		
Sample bottles are completely filled.		
Sample Preservation Verified		
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs		
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.		
If necessary, staff have been informed of any short hold time or quick TAT needs		
Multiphasic samples are not present.		
Samples do not require splitting or compositing.		
Sampling Company provided.		
Samples received within 48 hours of sampling.		
Samples requiring field filtration have been filtered in the field.		
Chlorine Residual checked.		