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Letter of Transmittal

Attention:	Mr. Tauren Beggs Hydrogeologist, WDNR 2984 Shawano Ave Green Bay, WI 54313	Date:	12/12/23
Project reference:	Former Newton Pit BRRTS No. 02-36-000268	Project number:	60135471

We are sending you the following:

Number of originals:	Number of copies:	Description:
One	Zero	Annual Report for the Public Service Commission of Wisconsin

Mr. Beggs,

Attached is a copy of the Annual Report for the Public Service Commission of Wisconsin (PSC) for inclusion in the BRRTS record noted above. The report was a PSC requirement associated with the 2022 water main extension work and is referenced to PSC docket No. 3320-CW-115.

Please let me know if you have any questions.

Thank you.

David Henderson, P.E.
Senior Project Manager
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Cc: Eric Nycz, City Attorney, City of Manitowoc
Karen Dorow, Business Manager, City of Manitowoc
Dan Koski, Director of Public Infrastructure, City of Manitowoc



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MPU.ORG

Public Service Commission of Wisconsin
RECEIVED: 12/11/2023 4:34:56 PM

Date:

December 11, 2023

To:

Tony Knipfer (via ERF)
Policy Advisor, Division of Water Utility Regulation and Analysis
Public Service Commission of Wisconsin
PO Box 7854
Madison, WI 53707-7854

Subject:

Annual Project Report
Application of the City of Manitowoc, as a Water Public Utility, for Authority to Construct a Water Main Extension Project
Outside the City of Manitowoc's Corporate Limits, Manitowoc County, Wisconsin.
Docket No. 3320-CW-115

From:

Rob Michaelson, P.E., Water Systems Manager, Manitowoc Public Utilities
Dan Koski, P.E., Director of Public Infrastructure, City of Manitowoc
David Henderson, P.E., Project Manager, AECOM Technical Services, Inc.

CC:

Eric Nycz, City Attorney, City of Manitowoc
Tauren Beggs, Project Manager, Wisconsin Department of Natural Resources

The Manitowoc Public Utilities (MPU), the City of Manitowoc (City), and AECOM Technical Services, Inc. (AECOM) prepared this Annual Project Report for the Public Service Commission of Wisconsin (PSCW) pursuant to Order Point 10 in the January 25, 2022, Final Decision of the above-captioned matter.

The reporting period was determined by the effective date of the tariff. The tariff was filed with the PSCW on December 12, 2022. Therefore, the reporting period for this initial Annual Project Report is December 13, 2022, through December 12, 2023.

AECOM worked with Tony Knipfer, PSCW, concerning the report format and submittal. Presented below is a brief summary of project activities during the reporting period, responses to the PSCW requested information, and supporting documentation.

Summary of Activities

Extending the water main outside of the City's corporate limits was done to provide safe drinking water to homeowners where private potable wells were impacted by volatile organic compounds (VOCs) associated with historic spills at the Former Town of Newton Gravel Pit (Newton Pit) 3130 Hecker Road, Manitowoc Wisconsin. The Newton Pit is a Wisconsin Department of Natural Resources (WDNR) regulated project with the Bureau for Remediation and Redevelopment Tracking System (BRRTS) No. 02-36-000268. A comprehensive repository of the WDNR required reporting on the project is available at the BRRTS on the web (BOTW) database¹.

In summary, the following major project activities occurred during the current reporting period.

- Project management including WDNR and Responsible Party (RP) correspondence.

¹ <https://apps.dnr.wi.gov/botw/>

- Completion of water main associated construction activities including, but not limited to, water lateral installations, potable well abandonments, and restoration activities.
- Preparation and submittal to the WDNR of the *2023 Area Wide VOC Five Year Potable Well Sampling Plan*. A copy of the Sampling Plan is attached.
- Source area remediation activities at the Newton Pit property.
- June VOC potable well sampling as documented in the *June 2023 VOC Semi-Annual Potable Well Monitoring Letter Report*. A copy of the Potable Well report is attached.
- November on-site groundwater monitoring. A report documenting this activity has not been published.
- November semi-annual VOC potable well sampling. A report documenting this activity has not been published.

Requested Information

The PSCW requested specific information as called out in Order Point 10 of the January 25, 2022, Final Decision. Additionally, information is also provided in accordance with MPU's response to Order Point 3, identified as follows:

"As part of its reporting requirement, Manitowoc Public Utilities ("MPU") will provide to the Public Service Commission of Wisconsin ("PSCW"), when available, testing results for connected properties identified by mailing address, consistent with test reporting requirements described below. As part of that report, and for properties that are connected to MPU's system, MPU will also provide water quality test results, and the length of time to receive municipal water after a contaminant detection for each location. MPU will also provide as part of its reporting requirement a map that provides locations for customers who have connected after a contaminant detect, customers who choose to be annexed and connected without a detect, and wells with a new detect. The schedule for additional testing is presented in the Area Wide VOC 5-Year Potable Well Sampling Plan described below."

Therefore, in accordance with Order Points 3 and 10, the PSCW's requests are noted below followed by the requested information.

- Status of the remediation:

Remedial activities are focused at the Western Source Area on the Newton Pit property and they are being implemented in a phased approach. The Western Source Area is identified as the "Site Location" on Figure 1 of the attached Sampling Plan. In 2017 a groundwater treatment system (i.e., treatment pond) was constructed just down-gradient of the source area and an engineered landfill style cap was installed over the source area. In June 2023 construction was started on an engineered treatment system (i.e., soil vapor extraction (SVE) and light non-aqueous phase liquid (LNAPL) recovery) with the installation of 8 extraction wells. The extraction wells are currently being used for updated monitoring of the source area. Installation of the SVE and LNAPL treatment equipment is anticipated in the spring of 2024.

- Information related to the contaminant plume migration:

The groundwater contaminant plume is considered a "mature" plume with the migration of the plume largely delineated. The plume is identified by the red "Former Gravel Pit Zone" and the blue "Target Zone" iso-concentration lines on Figure 1 of the attached Sampling Plan. Updates to the delineation of the contaminant plume are made, as necessary, based on the results from each private potable well sampling event (see Figure 2 of the attached Potable Well report).

- The contaminants sampled:

Groundwater collected during both on-site groundwater and private potable well monitoring is analyzed for VOCs using US Environmental Protection Agency (EPA) Method SW 8260B by a WDNR NR 149 certified analytical laboratory. Additionally, groundwater from on-site monitoring wells and a limited number of private potable wells have historically been sampled and analyzed for per- and polyfluoroalkyl substances (PFAS) using the WDNR's approved EPA Method 537.1 Modified Isotope Dilution.

- The frequency and results of groundwater and private well sampling:

On-site VOC groundwater monitoring has been ongoing since 1992. Currently, on-site groundwater monitoring is conducted every-other-year with the latest sampling event completed in November 2023. The results of the November event have not been published as of this reporting period. Therefore, the November 2023 report will be provided to the PSCW with the next annual report.

The private potable well VOC sampling schedule is detailed in the attached Sampling Plan and summarized on Table 1 of the Sampling Plan. The sampling schedule is updated after each sampling event to reflect the latest results and is typically presented on Table 3 of the monitoring report (See Table 3 of the attached Potable Well report).

Results from the June 2023 private potable well VOC sampling event, identified by mailing address, are presented in the attached Potable Well report. The report details the sampling event, with analytical results for those address locations with detected VOCs presented in Table 1, including those wells with new detects, and all analytical results presented in Table 2.

The results of the November 2023 private potable well VOC sampling event have not been published as of this reporting period. Therefore, the November report will be provided to the PSCW with the next annual report.

Additionally, historical groundwater and private potable well sampling reports can be downloaded from the WDNR's BOTW database.

If the WDNR directs the City to modify the scope or frequency of groundwater monitoring well or private potable well sampling, the City will update its sampling plan(s) accordingly. In addition, consistent with applicable law, if the City proposes modification to the scope of testing or frequency, it will notify the DNR through submittal of an amended sampling plan(s). In either instance, PSCW will be notified of changes in the scope of testing or frequency through its periodic reporting requirement.

- The number of customers connected to the extended service:

A total of 69 new laterals have been constructed to connect customers to the new water main extension. These laterals replace 59 potable wells. The difference between the number of laterals constructed and the number of potable wells abandoned is due to locations with shared wells for duplexes, condos, or multiple single family residences. A map identifying the locations and a list of addresses connected to the water main extension are provided on Figure 2 and in Table 3, respectively, of the attached Potable Well report. Note: the number of addresses connected to the water main extension may continue to change/increase as on-going potable well monitoring identifies new locations with detects of VOCs understood to be associated with the release from the Newton Pit.

Concerning the length of time for a homeowner to receive municipal water after a new contaminant detection. Initially, those locations with potable water analytical results with VOC detect(s) that exceed the NR 140 Enforcement Standard(s) receive bottled water, provided by the City, as soon as practicable after the City receives the laboratory analytical results.

For those homeowners with potable water impacted by VOCs understood to be associated with the release from the Newton Pit and that are located adjacent to the extended water main, the City anticipates connecting them to the water main, as a group, on an annual basis. This reflects the reality of budgeting for the work, bidding two separate construction contracts (i.e., lateral construction and plumbing connections), and scheduling of the work. Therefore, the City anticipates most impacted homeowners located adjacent to the extended water main will be connected to municipal water within approximately a year of the detect.

If the impacted potable well is not adjacent to the extended water main, the City will work to provide safe drinking water in a manner that reflects the situation including possibly extending the water main. The length of time to connect the homeowner to municipal water will depend on the individual situation.

During the reporting period, no homeowners chose to be annexed into the City and connected to the extended water main without VOC detects in their potable well water.

- Customer complaints received regarding eligibility for or connection to the extended service:

The City keeps a running record of consumer concerns received during the reporting period. The comments are presented on the attached tabulated Summary of Consumer Concerns.

If the Commission has additional questions concerning the water main extension annual report please contact Rob Michaelson, MPU, rmichaelson@mpu.org or (920) 686-4354.

Sincerely,



Robert Michaelson, P.E.

Water Systems Manager

Attachments:

- *Summary of Consumer Concerns*
- *2023 Area Wide VOC Five Year Potable Well Sampling Plan, Former Town of Newton Gravel Pit, 3130 Hecker Road Manitowoc, Wisconsin, AECOM, June 2, 2023. (previously submitted to WDNR)*
- *June 2023 VOC Semi-Annual Potable Well Monitoring Letter Report, Former Town of Newton Gravel Pit, AECOM, October 31, 2023. (previously submitted to WDNR)*

Summary of Consumer Concerns

PSCW Annual Project Report

Application of the City of Manitowoc, as a Water Public Utility, for Authority to Construct a Water Main Extension Project Outside the City of Manitowoc's Corporate Limits, Manitowoc County, Wisconsin.

Docket No. 3320-CW-115

Date	Name	Address	Concern
1/11/2023	Adam Schweigl	2500 Jenny Road	Mr. Schweigl called regarding the vacant parcel he owns. There is no well on the property. He is looking to get water on the property and has contacted some well drillers. They told him to contact GroundSource in DePere that they do environmental work. He contacted them and they told him to contact the WDNR regarding any special well casing requirements before they would give him a written quote. Verbal quote was \$50,000 to \$100,000 to drill a new well. He is going to contact the WDNR and keep us informed. He would like to be able to just hook up to city water rather than drilling a well to test for contamination. KD emailed city team and city legal to see what could be done.
1/17/2023	Ted Thiers	3125 Lone Oak	Mr. Thiers called regarding the water pressure at his property with the new municipal water. He measured the pressure and is only getting 45 psi which he feels is much lower than what they had with their well. He has talked to his neighbors and they feel the same way. He is also concerned that he is at the end of the water main and that as other properties are being hooked up their water pressure will drop even further. I spoke with Rob Michaelson at MPU. They are being fed by an 8" main so a pressure drop would be negligible as other properties are hooked up. MPU water service must be within 35 - 80 psi. The hydraulic modeling shows this area being at 45 - 47 psi. Water pressure is within the required range. Relayed information from Rob to the property owner. He understood and indicated that he would install a booster.
1/4/2023	Jeremy Maes	4101 Thunder Ridge	Leaking in to the basement where the water lateral was bored. Contractor went out on 1/5/23 and they will patching from the outside and inside and will be doing landscape restoration.
1/22/2023	David Yanda	3911 Black Hawk Ct.	Very low / no water pressure in his home. Contractor went out to investigate. Lateral was pulled out of the curb stop and separated by about four inches. Was repaired and all was ok.
2/13/2023	LeRoy Michaels	2414 Nelson Ln.	Mr. Micheals has a vacant property at 2414 Nelson Ln. He is interested in building a home and getting city water. There is a sand point well on the property but a new well would need to be drilled and at this time he does not know where a well would be drilled to serve the property. He is adjacent to a city parcel and would be able to hook up if he chose to annex into the city.
2/27/2023	Roger Noskowiak	2821 S 19th St.	With all the rain, where the water line was bored in water is leaking. Contractor was out on 2/28/23 to fix.
2/28/2023	Bill Handlos (friend of property owner)	3616 S 10th St.	Inquiring about connecting to city water that runs down S 10th St. Water test showed no detects and he is not adjacent to a city property that he could choose to annex so he would not be able to connect.
3/1/2023	Natasha Notz	3008 S 19th Street	Property owner called about water coming in to the house where the water line was bored in. Contractor checked it out on 3/2/23 and it was a bad weld on a pipe fitting. Plumber was there to repair.
3/2/2023	Dawn Boppre	3425 Cimarron Ct.	Ruts in the area adjacent to her property where the water line was run through the farm field. Will it be fixed? Yes, it was too late to landscape after the construction so they will be back in the spring to repair.
6/2/2023	Chris Gospodarek	3328 Cimarron Ct.	Unhappy about the way the lawn was repaired. Ruts everywhere. Spread straw and it is going to blow all over their neighborhood. Would like to know what is going to be done.
6/2/2023	Kyle DeRoche	3327 Cimarron Ct.	Unhappy about the way the lawn was repaired. Yard looks like a complete mess. Still tracks in yard that were not fixed. He would like it restored to its previous condition.
6/2/2023	Glenda Gospodarek	3401 Cimmaron Ct.	Unhappy with the way the lawn was restored. All the neighbors in her area are upset. They would like to have it put back to its original condition.
6/19/2023	Chuck Smith	2918 S 19th St	Unhappy that he is being charged by plumber for the removal of the iron filter. Property owner was advised both via update letters from the city and by the plumber on-site was that if he wanted to have the iron filter removed that would his responsibility to pay for. He agreed several times verbally when he was told this. He is also upset because he had to abandon his well.
7/19/2023	Dave Grainger	4300 CTH CR	Called from Natural Ovens. They are putting on a large addition to their facility and they are interested in help from the city to get sewer and water. Discussed there were two ways they could connect; detects of vinyl chloride or cis, 1-2 Dicholorethene or they could annex into the city if they were adjacent to a city owned parcel. Since they are not currently adjacent to a city owned parcel they could work with their neighbors to get 51% of the electors to agree to annex into the city and they would need either 51% of land area or 51% of land value as well. He was going to go back and discuss this with his team on how they would like to proceed.
10/17/2023	Matthew Gentile	4010 Thunder Ridge Road	Called to state that where the well was removed a sinkhole had developed. He believes it formed in the recent rains.
10/30/2023	Ted Thiers	3125 Lone Oak	MPU received a call from Mr. Thiers and a representative stopped out to look at his property and speak with him. He was unhappy about the small lip where the asphalt meets his concrete driveway and loose aggregate at that point. He is very unhappy about his water pressure. He was not happy that he could not do the interior plumbing work himself. He also mentioned that the contractor did not give him any notice on the driveway closure, or when they were ripping it out. He said that his mother lives to the south of him (3205) and she had similar complaints on the asphalt / concrete interface.
11/7/2023	Matt McFarlane	4002 Thunder Ridge Road	Called to state that where the well was removed a sinkhole had developed. He believes it formed in the recent rains.
11/20/2023	JoAnn Krejcarek	3310 S 19th Street	Called wanting to cancel her well sampling. She was not happy that she was switched to semi-annual testing, but said she would continue with having the test sampled.

June 2, 2023

Mr. Tauren Beggs
Hydrogeologist
Wisconsin Department of Natural
Resources
2984 Shawano Avenue
Green Bay, WI 54313-6727

**Subject: 2023 Area Wide VOC Five Year Potable Well Sampling Plan
Former Town of Newton Gravel Pit
3130 Hecker Road, Manitowoc, Wisconsin
WDNR BRRTS No. 02-36-000268
AECOM Project No. 60135471 (82518)**

Dear Mr. Beggs,

On behalf of the City of Manitowoc (City), AECOM Technical Services, Inc. (AECOM) is submitting an updated (i.e., 2023) area wide volatile organic compound (VOC) five year potable well sampling work plan for ongoing monitoring of private potable wells near the Former Town of Newton Gravel Pit (Site). The purpose of the monitoring is to continue the evaluation of the extent of cis-1,2-dichloroethene (cis-1,2-DCE) and vinyl chloride (VC) as contaminants of concern (COCs) over the course of the next five years beginning in May 2023.

These sampling efforts are in response to requests from the Wisconsin Department of Natural Resources (WDNR).

Presented below are background information, a proposed sampling schedule, sampling methods, reporting, and a summary of ongoing activities related to the potable well sampling.

Background Information

Regular monitoring has been ongoing since November 2013, when VOCs were discovered in private potable wells near the Former Town of Newton Gravel Pit. Previous potable well sampling plans include:

- the initial 2014 *Potable Well Monitoring Work Plan*¹, the
- 2015 to 2016 *Semi-Annual Potable Well Monitoring Work Plan*², the
- 2017, *Five Year Potable Well Monitoring Work Plan*³, the
- 2022, *VOC Expanded Downgradient Potable Well Sampling Work Plan*⁴, and
- the 2021, *Area Wide VOC Five Year Potable Well Sampling Work Plan*⁵.

The sampling schedules presented in these work plans have been updated periodically due to sampling results.

¹ Potable Well Monitoring Work Plan, BRRTS No. 02-36-000268, AECOM, April 10, 2014.

² 2015 to 2016 Semi-Annual Potable Well Monitoring Work Plan, BRRTS No. 02-36-000268, AECOM, September 22, 2015.

³ *Five Year Potable Well Monitoring Work Plan, Former Town of Newton Gravel Pit*, AECOM, May 8, 2017

⁴ *VOC Expanded Downgradient Potable Well Sampling Work Plan, Former Town of Newton Gravel Pit*, AECOM, August 5, 2019

⁵ *Area Wide VOC Five Year Potable Well Sampling Work Plan, Former Town of Newton Gravel Pit, 3130 Hecker Road, Manitowoc, Wisconsin*, AECOM, April 16, 2021

In the fall of 2022, the City looped a watermain south along 15th, 19th and 26th Streets between Viebahn Street and Lissa Lane/Jenny Road and extended a watermain south on County Road CR to Thunder Ridge Road and Blackhawk Court.

The 2023 Area Wide VOC Five Year Potable Well Sampling Plan presented below has been updated to reflect the installation of the City's watermain to provide city water to 69 addresses that were previously served by approximately 60 private potable wells. With the connection of homeowners to city water, monitoring of the associated potable wells is no longer necessary. A listing of the addresses connected to city water is provided as part of Table 1, attached.

Potable Well Sampling Zones & Sampling Schedule

For the 2023 Area Wide VOC Five Year Sampling Plan the potable well sampling zones are categorized as follows:

- Target Zone Wells
- Target Zone Sentinel Wells
- Sentinel Zone 3-Year Wells
- Sentinel Zone 5-Year Wells
- Replacement Wells
- Historically Sampled Wells
- Former Potable Wells Now Connected to City Water

A detailed description of each sampling zone, the proposed zone specific sampling schedule, and an explanation of the proposed changes as compared to the last sampling plan are presented below. This information is also summarized on Table 1 and presented on Figure 1.

Target Zone Wells – color code symbol: ● ●

Target Zone Wells are wells with detectable VOC COCs. Wells identified with a blue circle have VOC COC detects below NR 140 enforcement standards (ES). Wells identified with a red circle have VOC COC detects, typically VC, above respective NR 140 ESs. These wells will be sampled on a semi-annual basis for five years. Currently, this includes a total of 9 wells.

The location 2717 CTH CR (4141 Viebahn St.) shows two color code symbols on this property. One is a former potable well that has been retained as a non-potable monitoring well location and we have retained the pink color code symbol for the well to indicate that it's impacted with COCs. The other color code symbol indicates that the resident has been connected to the city water supply.

Target Zone Sentinel Wells – color code symbol: ●

These wells are located within the Target Zone but they do not have detectable VOC COCs. The wells will be sampled on an annual basis. Currently, this includes a total of 49 wells.

Included within the Target Zone Sentinel Wells are potable wells that have not been sampled to date. These wells represent homeowners or well users that have not responded to the City's request for sampling. The unsampled wells within the Target Zone will continue to be contacted by the City and will be sampled when the owners or well users respond.

Sentinel Zone 3-Year Wells – color code symbol: ●

Sentinel Zone 3-Year Wells will be sampled on a rotating schedule where each well will be sampled once every three years on a rotation basis, typically based on its last sampling date. Currently, this includes a total of 30 wells.

Included within the 3-Year Sentinel Zone are potable wells that have not been sampled to date. These wells represent homeowners or well users that have not responded to the City's request for sampling. The unsampled wells within the 3-Year Sentinel Zone will continue to be contacted by the city and will be sampled when the owners or well users respond.

Sentinel Zone 5-Year Wells – color code symbol: ●

Sentinel Zone 5-Year Wells will be sampled on a rotating schedule where each well will be sampled once every five years based on its last sampling date. Currently, this includes a total of 32 wells.

Included within the 5-Year Sentinel Zone are potable wells that have not been sampled to date. These wells represent homeowners or well users that have not responded to the City's request for sampling. The unsampled wells within the 5-Year Sentinel Zone will continue to be contacted by the city and will be sampled when the owners or well users respond.

Replacement Wells – color code symbol: ●

Replacement Wells sampled to date have not had detections of VOC COCs. Therefore, existing replacement wells will be sampled once every five years, typically based on the last sampling date.

The sampling schedule for newly installed Replacement Wells will be as follows; initial sample within one week of installation, second sample at approximately one month post-installation, and a third sample approximately two months post-installation to confirm the new well is not impacted by VOC COCs. The well will then be sampled every five years.

With the recent watermain work there are currently eight replacement wells as follows:

- 3023 CTH CR
- 3120 CTH CR
- 3403 CTH CR
- 3504 CTH CR
- 3303 Hecker Rd
- 3515 Hecker Rd
- 3518 Hecker Rd
- 3609 Hecker Rd

Historically Sampled Wells – color code symbol: ▲

These potable wells previously included wells located up-gradient or side-gradient from the VOC groundwater plume. With the addition of the expanded sampling area wells to the work plan, the historically sampled wells now also include down-gradient wells outside our area of interest. Initial sampling results indicate that the wells have no detections of VOC COCs associated with Newton Pit project. These wells will not be sampled during the five year sample plan period.

Never Been Sampled Wells – color code symbol: ●

These potable wells have not been sampled to date. These wells represent homeowners or well users that have not responded to the City's request for sampling. They include wells within the Target Zone, 3-Year and 5-Year Sentinel Zones, and wells outside our area of interest. The unsampled wells within the Target Zone, 3-Year and 5-Year Sentinel Zones will continue to be contacted by the city and will be sampled when the owners or well users respond.

Former Potable Wells Now Connected to City Water – color code symbol: ○

To date, a total of 78 individual addresses have been connected to city water. This represents 69 potable wells that no longer require sampling.

Re-Classifying Sampling Zones

If future sampling results indicate that a well is impacted by VOC COCs, the data will be used to reclassify the well's sampling zone. The sampling frequency of the newly impacted well will be adjusted to match the reclassified sampling zone schedule. If the potable well owner/location is supplied with city water the location will be removed from the sampling schedule and the related potable well will be abandoned in accordance with NR 141 requirements.

Sampling Methodology

Potable well owners will be notified by the City that their well is scheduled to be sampled. The City will then work with AECOM and the owners to schedule an appointment for AECOM field technicians to sample the well.

Samples will be collected following purging from a cold water tap or spigot as near to the well as possible, preferably prior to any storage/pressure tanks or physical/chemical treatment system that might be present. The system will be purged for at least 10 minutes immediately prior to sampling. Samples for VOCs will be collected in 40-ml glass vials with Teflon septa. The vials will be filled to the top, leaving no headspace or bubbles and quickly capped. While filling sample containers, water flow will be reduced to a low level to minimize sample disturbance. The samples will be placed on ice in a cooler and transported to the laboratory. The samples will be accompanied with a chain of custody form.

Potable well water samples for quality control will also be collected. The quality control samples will include field duplicate and matrix spike/matrix spike duplicate (MS/MSD) samples. The quality control samples will be determined by AECOM field personnel. Laboratory provided trip blanks will accompany the sample containers to evaluate the potential for analytical artifacts associated with container handling in the field and laboratory.

Water samples will be submitted to a Wisconsin Administrative Code (WAC) Chapter NR 149 certified laboratory for analyses of VOCs (EPA Method SW 8260B). The groundwater analytical results will be compared to the WAC Ch. NR 140.10, Table 1, Public Health Groundwater Quality Standards.

Reporting

Reporting of laboratory analytical results will be made to the City, WDNR, and individual potable well owners in general accordance with NR 716.14 *Sample Results Notification Requirements*.

A semi-annual potable well sampling letter report will be submitted to the WDNR. The letter report will include a written summary of the sampling event(s), summarized laboratory results in tabular form, a figure showing the results, and copies of laboratory reports.

Well owner reporting of analytical results will include a cover letter explaining the results with an attached copy of the laboratory report. The WDNR will be copied on the well owner reporting.

Response Actions

Locations with potable wells that have VOC compounds above NR 140 ES limits will receive bottled water provided by the City while alternatives are reviewed for providing a long-term solution for safe clean drinking water.

At this time, we are proceeding with scheduling the May/June 2023 sampling event. If you have any questions regarding the work plan, please contact Dave Henderson at 414.944.6190 or dave.henderson@aecom.com.

Sincerely,

AECOM Technical Services, Inc.



David Henderson, P.E.
Senior Project Manager
dave.henderson@aecom.com

Cc: Eric Nycz, Interim City Attorney, City of Manitowoc
Dan Koski, Director of Public Infrastructure, City of Manitowoc

Attachments: Table 1, 2023 Summary of the Area Wide VOC Five-Year Potable Well Sampling Plan
Figure 1, 2023 Area Wide VOC Five-Year Potable Well Sampling Locations

Tables



TABLE 1
SUMMARY OF 2023 VOC FIVE YEAR POTABLE WELL SAMPLING PLAN
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Well Address	Map Color Code	Date of Previous Sampling Event	2023		2024		2025		2026		2027	
			May	October	May	October	May	October	May	October	May	October
Target Zone Wells (semi-annual sampling)												
2406, 2414 and 2512 Birch Rd (Shared Well)	●	Nov 2022	1	1	1	1	1	1	1	1	1	1
2501 Nelson Lane	●	Jun 2022	1	1	1	1	1	1	1	1	1	1
3027 Orchard Ln	●	Nov 2022	1	1	1	1	1	1	1	1	1	1
3327 Hecker Rd	●	Nov 2022	1	1	1	1	1	1	1	1	1	1
3461(3417) Hecker Rd	●	Jun 2022	1	1	1	1	1	1	1	1	1	1
3702 Hecker Rd	●	Nov 2022	1	1	1	1	1	1	1	1	1	1
4024 CTH CR	●	Jun 2022	1	1	1	1	1	1	1	1	1	1
4159 Silver Creek Rd	●	Jun 2022	1	1	1	1	1	1	1	1	1	1
Target Zone Sentinel Wells (Annual sampling)												
1512 and 1514 Lone Oak LN (Duplex)	●	Jun 2022	1		1		1		1		1	
1521 LONE OAK LN	●	Jun 2022	1		1		1		1		1	
1703 LONE OAK LN	●	Jun 2022	1		1		1		1		1	
1704 LISSA LN	●	Jun 2022	1		1		1		1		1	
1710 LISSA LN	●	Jun 2022	1		1		1		1		1	
1817 VIEBAHN ST	●	Not Sampled Yet	1		1		1		1		1	
1821 VIEBAHN ST	●	Not Sampled Yet	1		1		1		1		1	
2327 BIRCH RD	●	Not Sampled Yet	1		1		1		1		1	
2407 ELM RD	●	Jun 2022	1		1		1		1		1	
2408 Elm Road	●	June 2021	1		1		1		1		1	
2417 Elm Road	●	Jun 2022	1		1		1		1		1	
2507 NELSON LN	●	Nov 2019	1		1		1		1		1	
2508 NELSON LN	●	Not Sampled Yet	1		1		1		1		1	
2514 Elm Road	●	June 2021	1		1		1		1		1	
2515 NELSON LN	●	Not Sampled Yet	1		1		1		1		1	
2611 VIEBAHN	●	Not Sampled Yet	1		1		1		1		1	
2733 S 19TH ST	●	Jun 2022	1		1		1		1		1	
2803 ORCHARD	●	Not Sampled Yet	1		1		1		1		1	
2811 S 15TH ST	●	Jun 2022	1		1		1		1		1	
2815 S 15TH ST	●	May 2021	1		1		1		1		1	
2833 S 19TH ST	●	Jun 2022	1		1		1		1		1	
2911 CTH CR	●	Jun 2022	1		1		1		1		1	
2915 S 26TH St	●	Jun 2022	1		1		1		1		1	
3021 S 26TH ST	●	Jun 2022	1		1		1		1		1	
3113 S 15TH ST	●	Jun 2022	1		1		1		1		1	
3202 S 19TH ST	●	Jun 2022	1		1		1		1		1	
3203 S 26TH St	●	Jun 2022	1		1		1		1		1	
3205 LONE OAK LN	●	Jun 2022	1		1		1		1		1	
3210 S 19TH ST	●	Jun 2022	1		1		1		1		1	
3212 S 26TH ST	●	Not Sampled Yet	1		1		1		1		1	
3224 CTH CR	●	Jun 2022	1		1		1		1		1	
3304 S 15TH ST	●	Jun 2022	1		1		1		1		1	
3304 S 19TH ST	●	Jun 2022	1		1		1		1		1	
3305 S 15TH ST	●	Jun 2022	1		1		1		1		1	
3307 S 19TH ST	●	Jun 2022	1		1		1		1		1	
3310 S 19TH ST	●	Jun 2022	1		1		1		1		1	
3312 CTH CR	●	Jun 2022	1		1		1		1		1	
3315 and 3327 CIMMARON CT (Shared Well)	●	Jun 2022	1		1		1		1		1	
3320 Hecker Rd	●	Jun 2022	1		1		1		1		1	
3322 CTH CR	●	Jun 2022	1		1		1		1		1	
3406 CIMARRON CT and 2328 Jenny Rd (Shared Well)	●	Jun 2022	1		1		1		1		1	
3412 CTH CR	●	Jun 2022	1		1		1		1		1	
3422 CTH CR	●	Jun 2022	1		1		1		1		1	
3523 CTH CR	●	June 2021	1		1		1		1		1	
3533 CTH CR	●	Jun 2022	1		1		1		1		1	
3611 CTH CR	●	Jun 2022	1		1		1		1		1	
3626 CTH CR/3626 CTH CR #B	●	May 2021	1		1		1		1		1	
3627 CTH CR	●	Jun 2022	1		1		1		1		1	
3825 Viebahn St	●	Jun 2022	1		1		1		1		1	



TABLE 1
SUMMARY OF 2023 VOC FIVE YEAR POTABLE WELL SAMPLING PLAN
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Well Address	Map Color Code	Date of Previous Sampling Event	2023		2024		2025		2026		2027	
			May	October	May	October	May	October	May	October	May	October
Sentinel Zone 3-Year Wells (sample every 3rd year)												
1617 LISSA LN	●	May 2021			1						1	
1701 LISSA LN	●	Oct 2020	1						1		May 2029	
1709 LISSA LN	●	Nov 2019					1				May 2028	
1718 JENNY RD	●	Nov 2019	1						1		May 2029	
1804 JENNY RD	●	Jun 2022					1				May 2028	
1805 LISSA LN	●	Nov 2019	1						1		May 2029	
2403 JENNY RD	●	Jun 2022					1				May 2028	
2716 CTH CR	●	May 2020	1						1		May 2029	
3118 S 10TH ST	●	Nov 2022					1				May 2028	
3128 Orchard Ln	●	May 2021			1						1	
3315 S 19TH ST	●	Jun 2022					1				May 2028	
3318 Orchard Ln	●	Oct 2016			1						1	
3319 JENNY RD	●	Nov 2019	1						1		May 2029	
3319 S 19TH ST	●	Nov 2019	1						1		May 2029	
3321 JENNY RD	●	Nov 2019	1						1		May 2029	
3323 S 26TH ST	●	Nov 2019					1				May 2028	
3326 S 15TH ST	●	May 2021			1						1	
3407 S 26TH ST	●	Nov 2019	1						1		May 2029	
3425/3427 Cimarron CT (Duplex) and 3509/3511 Cimarron CT (Duplex) (Shared well)	●	Oct 2020	1						1		May 2029	
3430 and 3508 CIMARRON CT (Shared Well)	●	Jun 2022					1				May 2028	
3625 Hecker Rd	●	Jun 2022					1				May 2028	
3812 Silver Creek Rd	●	Jan 2016			1						1	
3818 SILVER CREEK RD	●	May 2021			1						1	
3902 Silver Creek Rd	●	Jun 2022					1				May 2028	
3904 CTH CR	●	May 2017					1				May 2028	
4004 Silver Creek Rd	●	May 2021			1						1	
4101 CTH CR	●	June 2021			1						1	
4141 Viebahn St. / 2717 CTH CR (non-Potable Well & City water)	○ ●	May 2020	1						1		May 2029	
4156 Silver Creek Rd	●	March 2016					1				May 2028	
4236 Silver Creek Rd/4220 Silver Creek Rd/4212 Silver Creek Rd (3 properties share Well)	●	May 2017					1				May 2028	
4314 Silver Creek Rd	●	May 2021			1						1	
Sentinel Zone 5-Year Wells (sample every 5th year)												
1801 JENNY RD	●	Nov 2019			1						May 2029	
1807 JENNY RD	●	June 2021							1		May 2031	
2505 JENNY RD	●	June 2021							1		May 2031	
2706 CTH CR	●	Oct 2016	1								May 2028	
3121 Hecker Rd	●	Jun 2022									1	
3405 S 15TH ST	●	Oct 2020					1				May 2030	
3408 S 15TH ST	●	Nov 2019			1						May 2029	
3415 S 15TH ST	●	Nov 2019			1						May 2029	
3420 Orchard Ln	●	Jun 2022									1	
3421 S 15TH ST	●	Dec 2019			1						May 2029	
3429 S 19TH ST	●	Dec 2019			1						May 2029	
3503 S 19TH ST	●	Nov 2019			1						May 2029	
3505 S 26TH ST	●	Nov 2019			1						May 2029	
3510 S 26TH ST	●	Nov 2019			1						May 2029	
3511 S 19TH ST	●	Dec 2019			1						May 2029	
3517 S 26TH ST	●	May 2021							1		May 2031	
3518 SILVER CREEK RD	●	Dec 2019			1						May 2029	
3521/3523 Cimarron CT (Duplex) and 3537/3539 Cimarron CT (Duplex) (Shared Well)	●	Not Sampled Yet	1								May 2028	
3524 Orchard Ln	●	Jun 2022									1	
3526 S 26TH ST	●	Nov 2019			1						May 2029	
3529 S 26TH ST	●	Nov 2019			1						May 2029	
3538 CIMARRON CT	●	Not Sampled Yet	1								May 2028	
3616 SILVER CREEK RD	●	Not Sampled Yet	1								May 2028	
3627 Hecker Rd	●	May 2017	1								May 2028	
3710 Silver Creek Rd	●	May 2017	1								May 2028	
3720 Hecker Rd	●	Jun 2022									1	
3780 Silver Creek Rd	●	May 2017	1								May 2028	
3802 Silver Creek Rd	●	May 2017	1								May 2028	
4114 CTH CR	●	Nov 2022									1	
4125 CTH CR	●	May 2017	1								May 2028	



TABLE 1
SUMMARY OF 2023 VOC FIVE YEAR POTABLE WELL SAMPLING PLAN
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Well Address	Map Color Code	Date of Previous Sampling Event	2023		2024		2025		2026		2027	
			May	October	May	October	May	October	May	October	May	October
4219 Viebahn St	●	Jun 2022									1	
4315 Silver Creek Rd	●	May 2017	1								May 2028	
Replacement Wells (sample every 5th year)												
3023 CTH CR	●	Oct 2016	1								May 2028	
3120 CTH CR	●	Nov 2021							1		May 2030	
3403 CTH CR	●	Nov 2022									1	
3504 CTH CR	●	Nov 2021							1		May 2030	
3303 Hecker Rd	●	May 2020					1				May 2030	
3515 Hecker Rd	●	May 2020					1				May 2030	
3518 Hecker Rd	●	May 2020					1				May 2030	
3609 Hecker Rd	●	May 2020					1				May 2030	
Historically Sampled Wells												
1108 CREEK TRL	▲	Nov 2019										
1110 LAKE LN	▲	Nov 2019										
1125 SILVER CREEK RD	▲	Nov 2019										
1202 SILVER CREEK RD	▲	Nov 2019										
1207 CREEK TRL	▲	Nov 2019										
1219 SILVER CREEK RD	▲	Nov 2019										
1315 SILVER CREEK RD	▲	Nov 2019										
1404 and 1412 SILVER CREEK RD (Shared Well)	▲	Nov 2019										
1423 SILVER CREEK RD	▲	Nov 2019										
1428 SILVER CREEK RD	▲	Nov 2019										
1507 SILVER CREEK RD	▲	Nov 2019										
1602 SILVER CREEK RD	▲	Nov 2019										
1702 SILVER CREEK RD	▲	Nov 2019										
1703 SILVER CREEK RD	▲	Nov 2019										
1716 SILVER CREEK RD	▲	March 2020										
1717 SILVER CREEK RD	▲	Nov 2019										
1805 SILVER CREEK RD	▲	Feb 2020										
1811 SILVER CREEK RD	▲	Nov 2019										
1822 SILVER CREEK RD	▲	Nov 2019										
1906 SILVER CREEK RD	▲	Nov 2019										
1909 SILVER CREEK RD	▲	Nov 2019										
2218 SILVER CREEK RD	▲	Nov 2019										
2224 SILVER CREEK RD	▲	Nov 2019										
2304 SILVER CREEK RD	▲	Nov 2019										
2312 SILVER CREEK RD	▲	Nov 2019										
2402 SILVER CREEK RD	▲	Nov 2019										
2408 SILVER CREEK RD	▲	Nov 2019										
2608 SILVER CREEK RD	▲	June 2020										
2706 SILVER CREEK RD	▲	Nov 2019										
2881 CTH CR	▲	Well Out of Service										
2918 SILVER CREEK RD	▲	Nov 2019										
2925 Fricke Dr.	▲	Feb 2013										
3107 Fricke Dr	▲	Dec 2013										
3114 Hecker Rd	▲	May 2020										
3116 SILVER CREEK RD	▲	Dec 2019										
3222 SILVER CREEK RD	▲	Nov 2019										
3302 SILVER CREEK RD	▲	Nov 2019										
3316 SILVER CREEK RD	▲	Nov 2019										
3406 SILVER CREEK RD	▲	Nov 2019										
3413 S 10TH ST	▲	Nov 2019										
3424 SILVER CREEK RD	▲	Nov 2019										
3523 Orchard Ln	▲	May 2014										
3533 S 10TH ST	▲	Dec 2019										
3602 S 19TH ST	▲	Dec 2019										
3603 10TH ST	▲	Nov 2019										
3604 SILVER CREEK RD	▲	Dec 2019										
3609 M and M Ln	▲	Dec 2013										
3610 Gass Lake	▲	Feb 2013										
3612 S 19TH ST	▲	Dec 2019										
3615 S 15TH ST	▲	Nov 2019										
3615 S 26TH ST	▲	Nov 2019										
3616 S 10TH ST	▲	Feb 2020										
3627 S 15TH ST	▲	Dec 2019										
3627 S 26TH ST	▲	Nov 2019										
3632 S 10TH ST	▲	Dec 2019										
3708 S 15TH ST	▲	Nov 2019										
3709 S 15TH ST	▲	Nov 2019										

Wells are typically non-detected wells that can be upgradient, sidegradient or downgradient wells. Some of the downgradient wells may be added if sentinel wells indicate sampling.



TABLE 1
SUMMARY OF 2023 VOC FIVE YEAR POTABLE WELL SAMPLING PLAN
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Well Address	Map Color Code	Date of Previous Sampling Event	2023		2024		2025		2026		2027	
			May	October	May	October	May	October	May	October	May	October
3712 S 15TH ST	▲	Dec 2019										
3712 S 10TH ST	▲	Feb 2020										
3717 S 15TH ST	▲	Nov 2019										
3717 M and M Ln	▲	Feb 2013										
3719 S 26TH ST	▲	June 2020										
3720 S 26TH ST	▲	Nov 2019										
3722 S 15TH ST	▲	Nov 2019										
3723 S 19TH ST	▲	Nov 2019										
3727 S 15TH ST	▲	Dec 2019										
3804 S 15TH ST	▲	Dec 2019										
3805 S 15TH ST	▲	Nov 2019										
3809 S 19TH ST	▲	Nov 2019										
3813 S 15TH ST	▲	Nov 2019										
3819 S 15TH ST	▲	Dec 2019										
3821 S 19TH ST	▲	Nov 2019										
3835 S 10TH ST	▲	Nov 2019										
3840 M and M Ln	▲	Feb 2013										
3917 S 18TH ST	▲	Nov 2019										
3917 S 21ST ST	▲	Nov 2019										
3933 S 18TH ST	▲	Nov 2019										
4002 S 21ST ST	▲	Dec 2019										
4007 S 18TH ST	▲	Nov 2019										
4008 S 18TH ST	▲	Nov 2019										
4017 S 26TH ST	▲	Nov 2019										
4018 S 21ST ST	▲	Nov 2019										
4019 S 10TH ST	▲	Nov 2019										
4030 S 21ST ST	▲	Nov 2019										
4031 S 18TH ST	▲	Dec 2019										
4120 S 21ST ST	▲	Nov 2019										
4132 S 26TH ST	▲	Nov 2019										
4181 S 21ST ST	▲	Nov 2022										
4201 S 26TH ST	▲	Nov 2019										
4215 S 10TH ST	▲	Nov 2019										
4218 S 10TH ST	▲	Dec 2019										
4219 S 10TH ST	▲	Nov 2019										
4229 S 10TH ST	▲	Nov 2019										
4309 S 10TH ST	▲	Dec 2019										
4316 S 10TH ST	▲	Nov 2019										
4317 S 10TH ST	▲	Nov 2019										
4325 S 10TH ST	▲	Nov 2019										
4403 S 10TH ST	▲	Dec 2019										
4410 S 10TH ST	▲	Nov 2019										
4412/4416/4422/4426/4430/4432/4434/4440 S 10TH ST (Shared Well)	▲	Nov 2019										
4513 S 10TH ST	▲	Nov 2019										
4609 Silver Creek Rd	▲	June 2014										
4620 Silver Creek Rd (two wells)	▲	May 2014										
4752 Silver Creek Rd	▲	June 2014										
4808 Silver Creek Rd	▲	May 2014										
5107 Viebahn St	▲	Dec 2013										
5202 Silver Creek Rd	▲	Dec 2013										
Former Potable Wells Now Connected to City Water												
1511 and 1513 Lone Oak LN (Condo)	○ ²	Jun 2022										
2201 Elm Road	○ ²	Jun 2022										
2322 ELM RD	○ ²	Jun 2022										
2732 S 15TH ST	○ ²	Jun 2022										
2734(2804) CTH CR	○ ¹	Oct 2015										
2805 S 19TH ST	○ ²	Jun 2022										
2806 S 15TH ST	○ ²	Jun 2022										
2812 S 15TH ST	○ ²	Jun 2022										
2820 S 15TH ST	○ ²	Jun 2022										
2821 S 19TH ST	○ ²	Jun 2022										
2823 S 15TH ST	○ ²	Jun 2022										
2824, 2828, 2904 S 19TH ST (Shared Well)	○ ²	Jun 2022										
2826 S 15TH ST	○ ²	Jun 2022										
2827 S 15TH ST	○ ²	Jun 2022										

Wells are typically non-detected wells that can be upgradient, sidegradient or downgradient wells. Some of the downgradient wells may be added if sentinel wells indicate sampling.

City Water Provided - No Potable Well Sampling Required

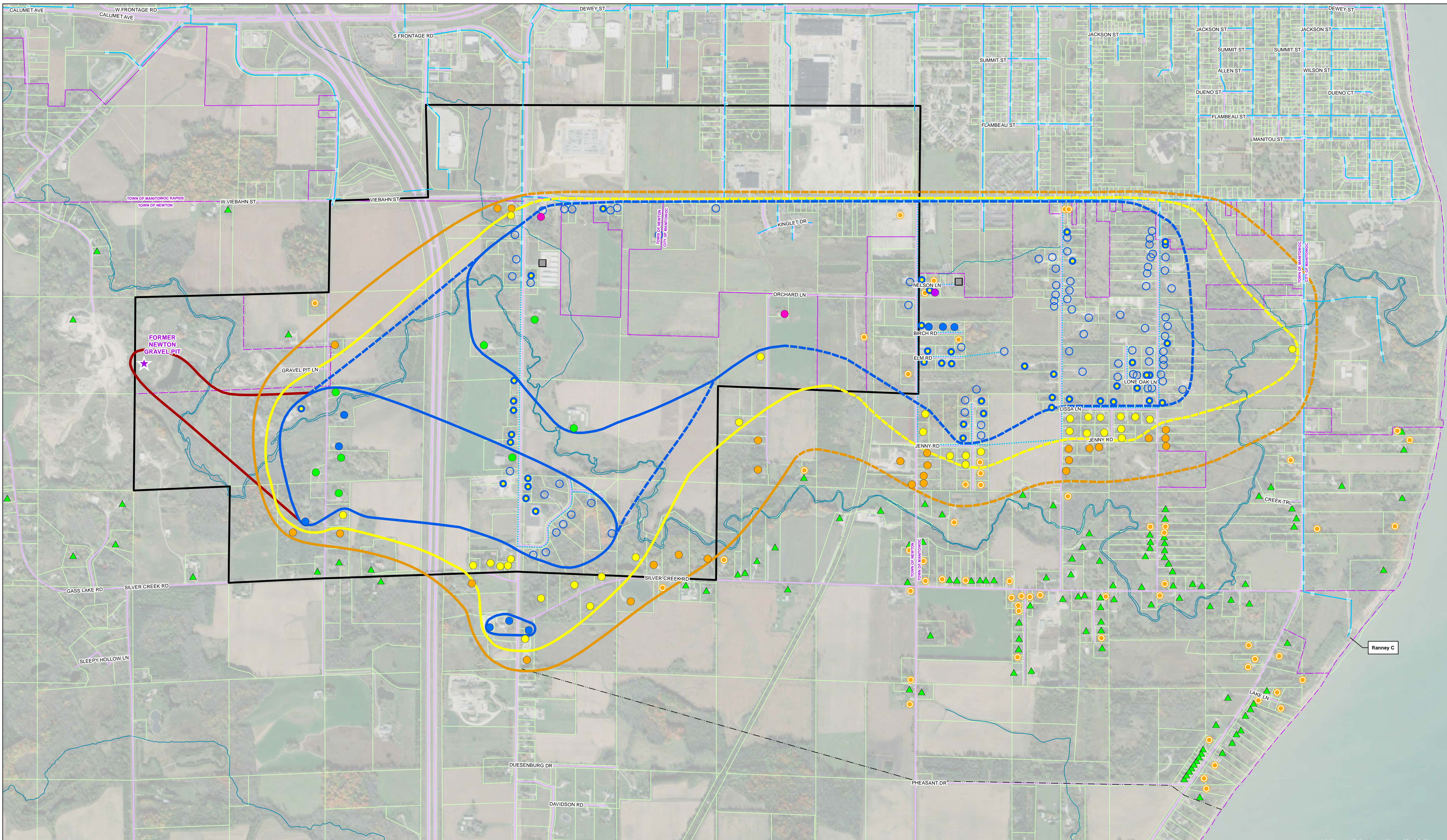


TABLE 1
SUMMARY OF 2023 VOC FIVE YEAR POTABLE WELL SAMPLING PLAN
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Well Address	Map Color Code	Date of Previous Sampling Event	2023		2024		2025		2026		2027		
			May	October	May	October	May	October	May	October	May	October	
2832 and 2904 CTH CR (Shared Well)	○ ²	Oct 2019											
2834 S 15TH ST	○ ²	Jun 2022											
2908 S 15TH ST	○ ²	Jun 2022											
2911 S 15TH ST	○ ²	Jun 2022											
2912 S 15TH ST	○ ²	Jun 2022											
2916 CTH CR	○ ¹	Oct 2015											
2917 CTH CR	○ ¹	Oct 2015											
2917 S 19TH ST	○ ²	Jun 2022											
2918 S 19TH ST	○ ²	Jun 2022											
2918 S 26TH St	○ ²	May 2019											
2929 S 19TH ST	○ ²	Jun 2022											
2930 S 19TH ST	○ ²	June 2021											
3003 S 19TH ST	○ ²	Jun 2022											
3006 and 3008 19th ST (Condo)	○ ²	Jun 2022											
3008 S 26TH St	○ ²	Jun 2022											
3011 S 19TH ST	○ ²	Jun 2022											
3019 S 15TH ST	○ ²	Nov 2021											
3019 S 19TH ST	○ ²	Jun 2022											
3020 S 15TH ST	○ ²	Jun 2022											
3027 S 15TH ST	○ ²	Jun 2022											
3028 S 15TH ST	○ ²	Jun 2022											
3107 S 15TH ST	○ ²	Jun 2022											
3109 S 19TH ST	○ ²	Nov 2021											
3123 S 19TH ST	○ ²	Jun 2022											
3125 LONE OAK LN	○ ²	Jun 2022											
3126 S 15TH ST	○ ²	Jun 2022											
3127 S 15TH ST	○ ²	Jun 2022											
3131 S 15TH ST and 3201 S 15TH ST (Shared Well)	○ ²	Jun 2022											
3202 S 15TH ST	○ ²	Jun 2022											
3205 S 19TH ST	○ ²	Jun 2022											
3206 LONE OAK LN	○ ²	Jun 2022											
3207 and 1520 Lone Oak LN (Condo)	○ ²	Jun 2022											
3208 LONE OAK LN	○ ²	Jun 2022											
3209 S 15TH ST and 3217 S 15TH ST (Shared Well)	○ ²	Jun 2022											
3225 S 26TH ST	○ ²	Jun 2022											
3301 S 15th St	○ ²	Jun 2022											
3318 and 3328 CIMARRON CT (Shared Well)	○ ²	Jun 2022											
3401, 3403 and 3413 CIMARRON CT (Shared Well)	○ ²	Jun 2022											
3617(3621) Viebahn St	○ ¹	March 2016											
3618 CTH CR	○ ²	Jun 2022											
3701 Viebahn St	○ ¹	Oct 2015											
3815 Viebahn St	○ ¹	Oct 2015											
3817 Viebahn St	○ ²	Jun 2022											
3911 Black Hawk Ct	○ ²	Jun 2022											
3921 Black Hawk Ct	○ ²	Nov 2021											
4002 Thunder Ridge Rd	○ ²	Oct 2016											
4005 Thunder Ridge Rd	○ ²	May 2017											
4010 Thunder Ridge Rd	○ ²	May 2017											
4025 Viebahn St	○ ¹	Oct 2015											
4027 Thunder Ridge Rd	○ ²	Jun 2022											
4101 Thunder Ridge Rd	○ ²	Jun 2022											
4101 Viebahn St	○ ¹	Oct 2015											
4111 Thunder Ridge Rd	○ ²	Jun 2022											
4127 Thunder Ridge Rd	○ ²	Jun 2022											
4141 Viebahn St. / 2717 CTH CR (non-Potable Well & City water)	○ ¹	May 2020											
Note: ¹ =2016/17 city water ² =2022/23 city water			Wells Sampled Per Event	78	8	78	8	73	8	72	8	60	8

City Water Provided - No Potable Well Sampling Required

Figures



- Legend**
- Target Zone Well - Vinyl Chloride ES Exceedance
 - Target Zone Well - VOC PAL Exceedance
 - Target Zone Well - VOC Detection
 - Target Zone Well on City Water
 - Target Zone Sentinel Wells, No Detects or Not Sampled
 - Sentinel Zone Well - 3 Year, No Detects or Not Sampled
 - Sentinel Zone Well - 5 Year, No Detects or Not Sampled
 - Replacement Well Within Target Zone, With No Detects
 - ▲ Historically Sampled Wells, With No Detects
 - Never Been Sampled
 - ★ Site Location
 - Well Out Of Service
 - Expanded Sampling Limits
 - Utility Water Line
 - Proposed Utility Water Line
 - Inferred Target Zone
 - 3 Year Sentinel Zone
 - Inferred 3 Year Sentinel Zone
 - 5 Year Sentinel Zone
 - Inferred 5 Year Sentinel Zone
 - Former Gravel Pit Zone
 - DNR Special Well Casing Depth Area
 - Streams
 - Municipality Boundaries
 - Parcels

AECOM
 Milwaukee Office
 1555 River Center Dr
 Milwaukee WI

AECOM

FORMER NEWTON GRAVEL PIT	
2023 Area Wide VOC Five Year Potable Well Sampling Locations	
Project No. 60135471	Date: April 2023
FIGURE 1	

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community

C:\data\projects\Newton\GIS\Map_Fig_1_Pw_VOC_10x2022.mxd

October 31, 2023

WDNR BRRTS No.
02-36-000268**AECOM Project No.**
60135471(82518)

Mr. Tauren Beggs
Hydrogeologist
Wisconsin Department of Natural Resources
2984 Shawano Avenue
Green Bay, WI 54313-6727

**June 2023 VOC Semi-Annual Potable Well Monitoring Letter Report
Former Town of Newton Gravel Pit**

Dear Mr. Beggs:

AECOM Technical Services, Inc. (AECOM), on the behalf of the City of Manitowoc, is pleased to submit this Semi-Annual Potable Well Monitoring Letter Report for wells in the vicinity of the Former Town of Newton Gravel Pit site (See Figure 1). This report provides the results from the June 2023 volatile organic compounds (VOCs) sampling event.

Presented below are site background information, VOC sampling methodologies, and the VOC potable well monitoring results.

Background Information

Regular monitoring has been ongoing since November 2013, when VOCs were discovered in private potable wells near the Former Town of Newton Gravel Pit.

This VOC sampling event was conducted in accordance with the *2023 Area Wide VOC Five Year Potable Well Sampling Plan*¹ as submitted to the Wisconsin Department of Natural Resources (WDNR or Department). The Work Plan grouped the potable wells into the following categories:

- Target Zone Wells – wells with detectable VOC contaminants of concern (COCs).
- Target Zone Sentinel Wells – wells within the Target Zone and do not have detectable VOC COCs.
- Sentinel Zone Wells – wells outside and adjacent to the Target Zone that do not have detectable VOC COCs.
 - Sentinel Zone 3-Year Wells – Sentinel Zone Wells that will be sampled once every three years on a rotating schedule.
 - Sentinel Zone 5-Year Wells – Sentinel Zone Wells that will be sampled once every five years on a rotating schedule.
- Replacement Wells – wells that were replaced due to regulatory standard exceedances of VOC COCs.
- Upgradient and Historically Sampled Wells – wells outside the Sentinel Zone that have been sampled in the past but are not currently scheduled to be sampled.
- Former Potable Wells Now Connected to City Water – wells that were replaced with connections to the City of Manitowoc public water supply and subsequently abandoned in accordance with NR 141 requirements.

In the fall of 2022, the City constructed a water main extension that looped south along 15th, 19th, and 26th Streets between Viebahn Street and Lissa Lane/Jenny Road and extended a water main south on County Road CR to

¹ 2023 Area Wide VOC Five Year Potable Well Sampling Plan, Former Town of Newton Gravel Pit, AECOM, June 2, 2023

Thunder Ridge Road and Blackhawk Court. The water main provides a public water supply to those addresses with VOC impacted potable wells.

In June 2023, AECOM and the City prepared and submitted to the Department the *2023 Area Wide VOC Five Year Potable Well Sampling Plan* that updated the sampling schedule to account for the well locations connected to the City's watermain. Therefore, overall, the number of potable wells scheduled for VOC sampling has decreased as well locations have been connected to City water.

VOC Sampling Methodology

The VOC sampling occurred on June 12, 13, 14, 29 and July 6, 2023. In total, 79 addresses were scheduled to be sampled. This number was reduced due to non-responsive homeowners. Shared wells were combined into one location. The actual number of locations sampled was 59 locations. Well status details prior to the sampling event are as follows.

Semi-Annual Target Zone Wells VOC Sampling Address

2406, 2414, 2512 Birch Rd (Shared Well)	2501 Nelson Ln	3027 Orchard Ln	3461(3417) Hecker Rd
4024 CTH CR	4141 Viebahn St. / 2717 CTH CR (non-Potable Well & City water)	4159 Silver Creek Rd	

The following Target Zone addresses were not sampled during this event due to non-responsive homeowner, outside water was not turned on, or the address was not scheduled:

- 3327 Hecker Rd
- 3702 Hecker Rd
- 4114 CTH CR

Annual Target Zone Sentinel Wells VOC Sampling Address

1512 and 1514 Lone Oak Ln (Duplex)	1521 Lone Oak Ln	1703 Lone Oak Ln	1704 Lissa Ln
1710 Lissa Ln	1821 Viebahn St	2407 Elm Rd	2408 Elm Rd
2417 Elm Rd	2508 Nelson Ln	2733 S 19 th St	2811 S 15 th St
2833 S 19 th St	2911 CTH CR	3113 S 15 th St	3202 S 19 th St
3203 S 26 th St	3205 Lone Oak Ln	3210 S 19 th St	3304 S 15 th St
3304 S 19 th St	3307 S 19 th St	3310 S 19 th St	3312 CTH CR
3315 and 3327 Cimarron Ct (Shared Well)	3320 Hecker Rd	3322 CTH CR	3406 Cimarron Ct and 2328 Jenny Rd (Shared Well)
3412 CTH CR	3422 CTH CR	3523 CTH CR	3533 CTH CR
3611 CTH CR	3626 CTH CR/3626 CTH CR #B	3627 CTH CR	3825 Viebahn St

The following Target Zone addresses were not sampled during this event due to non-responsive homeowners:

- 1817 Viebahn St
- 2327 Birch Rd
- 2507 Nelson Ln
- 2514 Elm Rd
- 2515 Nelson Ln
- 2611 Viebahn St
- 2803 Orchard Ln
- 2815 S 15th St
- 2915 S 26th St
- 3021 S 26th St
- 3212 S 26th St
- 3224 CTH CR
- 3305 S 15th St

3-Year Sentinel Zone Wells VOC Sampling Address

1701 Lissa Ln	1718 Jenny Rd	1805 Lissa Ln	3319 Jenny Rd
3319 S 19 th St	3321 Jenny Rd	3407 S 26 th St	3425/3427 Cimarron Ct (Duplex)

The following 3-year Sentinel Zone addresses were not sampled during this event due to non-responsive homeowners:

- 2716 CTH CR

5-Year Sentinel Zone Wells VOC Sampling Address

2706 CTH CR	3616 Silver Creek Rd	3627 Hecker Rd	3780 Silver Creek Rd
3802 Silver Creek Rd	4125 CTH CR	4315 Silver Creek Rd	

The following 5-year Sentinel Zone addresses were not sampled during this event due to non-responsive homeowners:

- 3509/3511 Cimarron Ct (Duplex) and 3521/3523 Cimarron Ct (Duplex) (Shared well)
- 3537/3539 Cimarron Ct (Duplex) (Shared Well)
- 3538 Cimarron Ct
- 3710 Silver Creek Rd

Replacement Well VOC Sampling Address

3023 CTH CR

All the Replacement Wells addresses that were scheduled were sampled during this event.

Historically Sampled Well Outside 5-Year Sentinel Zone VOC Sampling Address

Not Applicable – no wells sampled

VOC samples were collected following purging from a cold water tap or spigot as near to the well as possible, and preferably before any storage/pressure tanks or physical/chemical treatment system that might be present.

Samples for VOC laboratory analyses were collected in three 40-ml glass vials with hydrochloric acid preservative and Teflon septa. The vials were filled to the top, leaving no headspace or bubbles, and then quickly capped. Samples were labeled and stored on ice for shipment, under chain of custody, to the laboratory.

Samples for VOC analysis were submitted to a Wisconsin Administrative Code (WAC) Chapter NR 149 certified commercial laboratory (Synergy Environmental Lab, Inc., Appleton, Wisconsin) for analyses by EPA Method 8260B.

VOC Monitoring Results

The results from the June 2023 VOC sampling event are discussed below, presented in Table 1 and 2, and on Figure 2 and 2A. After reduction of non-responsive well owners, this event collected a total of 59 VOC potable well samples (not including water quality and quality control samples).

NOTE: With the connection of many address locations to the City watermain and the abandonment of their associated potable wells, those locations will no longer be monitored. Therefore, in the interest of simplifying the potable well reporting, all address locations connected to City water will no longer be included in the Table 1 and 2 data summaries. The historical data is preserved in previous versions of this report. To reference the historical data, find the address location of interest in Table 3, the third column of Table 3 will identify the “Date of Previous Sampling Event”, then find the historical report associated with that date’s sampling event.

Laboratory VOC Analytical Results

The laboratory analytical data indicates that VOC compounds are present in 12 of the potable well water samples. The highest values between the sample and QA/QC samples were used for discussions in this report. The current results are similar to historical results. The concentration of the VOC COCs found in the potable well water samples were compared to applicable WAC Chapter NR 140 Table 1 Public Health Enforcement Standards (ESs) and Preventive Action Limits (PALs).

The laboratory analytical results are presented categorically as follows:

- VOC COCs with NR 140 ES exceedances
- VOC COCs with NR 140 PAL exceedances
- Detected VOC COCs with no regulatory exceedances
- Observed changes in analytical results since the last monitoring event

VOC COCs with NR 140 ES exceedances: There were six wells that had an ES exceedance for vinyl chloride. There were no wells with cis-1,2-dce ES exceedances.

ES Exceedances Vinyl Chloride

2406 Birch Rd	2501 Nelson Ln	2706 CTH CR	4141 Viebahn St. / 2717 CTH CR (non-Potable Well & City water)
3027 Orchard Ln	3310 S. 19 th St (6/13/23 vinyl chloride ES exceedance, 7/6/23 confirmation sample no vinyl chloride detected)		

VOC COCs with NR 140 PAL exceedances: There was one well that had detections above the PAL and below the ES for vinyl chloride. There were no wells with cis-1,2-dce PAL exceedances.

PAL Exceedances Vinyl Chloride

1703 Lone Oak Ln

Detected COCs with No Regulatory Exceedances: There was a total of four potable wells that only had a COC (cis-1,2-dce) below regulatory (PAL) limits for the June 2023 sampling event.

Cis-1,2-dichloroethene Detects

1514 Lone Oak Ln	3461 Hecker Rd	4024 CTH CR	4159 Silver Creek Rd
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One well had a detection of a non-COC VOC. Toluene was detected at 4125 CTH CR, which appears to be an automotive transmission repair shop.

A total of 47 wells had no VOCs detected above laboratory method detection limits (MDLs).

Three trip blanks were collected during the June 2023 sampling event. Bottled distilled water purchase from Menards was used for the trip blanks. The first trip blank, TB061223, indicated a detection of chloroform, possibly a disinfection byproduct associated with the original bottled water source. The second and third trip blanks, TB062923 and TB070623, indicated a detection of toluene. A review to identify a possible source for the toluene detect indicated that the distilled water used for the second and third trip blanks was stored in a garage between sampling events, which is likely the cause of the toluene detection. This storage method has been corrected.

A summary of the sampled wells with detected VOC laboratory analytical results are presented in Table 1 and on Figures 2 and 2A. Table 2, provides a summary of the VOC analytical results for all wells sampled. The laboratory VOC analytical reports are provided in Attachment A. Copies of homeowner/well user notification letters are provided in Attachment B.

Observed VOC Changes Since Last Monitoring Event

The following changes were noted in the VOC analytical results since the November 2022 sampling event:

- Target Zone Wells:
 - 1821 Viebahn St and 2508 Nelson Ln had not been sampled previously and currently have no VOC detections.
 - 1512/1514 Lone Oak Ln that previously had no VOC detections currently has a cis-1,2-dce detection.
 - 1703 Lone Oak Ln previously had no VOC detects currently has a vinyl chloride PAL exceedance.
 - 3310 S 19th St previously had no VOC detects. For the 6/13/23 sample has a vinyl chloride ES exceedance. A confirmation sample was obtained on 7/9/23 from this address that had no vinyl chloride detected.
 - 2501 Nelson Ln that previously had a vinyl chloride PAL exceedance currently has a vinyl chloride ES exceedance.
 - 2406, 2414, 2512 Birch Rd (Shared Well) that previously had cis-1,2-dce PAL exceedances currently has a vinyl chloride ES exceedance.
- 5-Year Sentinel Zone Wells:

- 3616 Silver Creek Rd had not been sampled previously and currently has no VOC detections.
- 2706 CTH CR that previously had no VOC detections currently has a vinyl chloride ES exceedance.
- One well outside of the 5-Year Sentinel Zone area, 4125 CTH CR, previously had no VOC detections but currently has a non-COC, toluene, detection.

Updates to VOC Potable Well Monitoring Work Plan

The sampling schedule in the *2023 Area Wide VOC Five Year Potable Well Sampling Plan* for the October 2023 sampling event has been updated based on the June 2023 results. The revised potable well monitoring schedule is presented on Table 3, attached.

SUMMARY

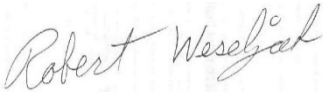
The following is a summary of the June 2023 potable well monitoring event. A total of 79 wells were scheduled for sampling, of which, 60 VOC samples were obtained from 59 wells (i.e., one confirmation sample). A total of 20 scheduled addresses were not sampled during this event due to non-responsive homeowners.

Six potable wells had a vinyl chloride ES exceedance. One potable well had a vinyl chloride PAL exceedance. There was a total of four wells that had only cis-1,2-dce detects below regulatory (PAL) limits. One well had a detection of a non-COC VOC. A total of 47 wells had no VOCs detected above laboratory MDLs.

The next semi-annual VOC potable well monitoring event is scheduled for November 2023. At that time, VOC sampling will be conducted in accordance with the proposed sampling schedule updated in Table 3.

If you have any questions regarding these results, please contact Dave Henderson at 414.944.6190 or dave.henderson@aecom.com.

Yours sincerely,



Robert Weseljak, PG
Project Scientist



David Henderson, P.E.
Project Manager

enclosures: Table 1 – Summary of VOC Contaminants Detected in Potable Wells
Table 2 – Summary of VOC Contaminants Analyzed in Potable Wells
Table 3 – Summary of The Area Wide VOC Five Year Potable Well Sampling Plan
Figure 1 – Site Location
Figure 2 – June 2023, VOC Potable Well Sampling Results
Figure 2A – June 2023, VOC Potable Well Sampling Results
Attachment A: VOC Laboratory Reports
Attachment B: Homeowner Results Letters

cc: Eric Nycz, City Attorney, City of Manitowoc
Dan Koski, Director of Public Infrastructure, City of Manitowoc
Jim Kasdorf, Water Supply Specialist, WDNR

Tables

Table 1 – Summary of VOC Contaminants Detected in Potable Wells

Table 2 – Summary of VOC Contaminants Analyzed in Potable Wells

Table 3 - Summary of The Area Wide VOC Five Year Potable Well Sampling Plan

Table 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				3114 Hecker Rd				3303 Hecker Rd														
Original or Replacement Well:								Original Potable Well						Replacement Potable Well								
Sample Date:				10/22/13	11/08/13	05/28/14	06/04/20	10/23/13	11/07/13	06/03/14	06/03/14 (DUP)	11/17/14	02/23/15	10/13/15	03/30/16	08/08/16	09/26/16	10/24/16	10/24/16	10/24/16	11/08/16	06/04/20
Sample Source:				Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement-Vial 2	Basement-Vial 3	Basement	Basement
Field Sample ID:				PW-3114	PW-3114	3114 HECKER	3114 HECKER RD	PW-3303	PW-3303	3303 HECKER RD	3303 HECKER RD DU	3303 HECKER	3303 HECKER	3303 HECKER	3303 HECKER RD	3303 Hecker Rd	3303 HECKER	3303 HECKER	3303 HECKER vial 2	3303 HECKER vial 3	3303 HECKER	3303 HECKER RD
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatle Organic Compounds (VOCs):																						
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.4	< 0.5	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.5
1,2-Dichloroethene	ug/l	5	0.5	< 0.41	< 0.41	< 0.41	< 0.39	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.54	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.48	< 0.39
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.3	< 0.36	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.36
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.24	< 0.33	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.33
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	6.8	< 1	2.6	< 1	NA
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.24	< 0.39	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	< 0.39
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.28	< 0.44	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.44
Chloromethane	ug/l	30	3	1.36	J	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 0.8
cis-1,2-Dichloroethene	ug/l	70	7	< 0.38	< 0.38	< 0.38	< 0.39	< 0.38	< 0.38	< 0.38	0.68	J	0.68	J	< 0.45	1.94	2.53	< 0.45	< 0.45	< 0.45	< 0.45	< 0.39
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.44	< 0.45	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.45
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.5	< 0.5	< 1.32	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 1.32
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 0.47
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.26
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	< 0.35	< 0.37	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.37
Vinyl chloride	ug/l	0.2	0.02	< 0.18	< 0.18	< 0.18	< 0.2	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.17	0.44	J	0.51	J	< 0.17	< 0.17	< 0.17	< 0.2

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				3327 Hecker Rd																			
Original or Replacement Well:				10/23/13	11/07/13	05/28/14	08/25/14	11/10/14	02/23/15	10/14/15	03/31/16	10/05/16	05/30/17	10/25/17	05/21/18	05/21/18 (DUP)	11/20/18	06/27/19	10/21/19	10/21/19 (DUP)	06/03/20	11/17/20	
Sample Date:				Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Kitchen Sink	Outside Spigot	Kitchen Sink	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot
Field Sample ID:				PW-3327	PW-3327	3327 HECKER RD	3327 HECKER	3327 HECKER	3327 HECKER	3327 HECKER RD	3327 HECKER RD	3327 HECKER RD	3327 HECKER RD	3327 HECKER	3327 HECKER	3327 HECKER DUP	3327 HECKER	3327 HECKER	3327 HECKER	3327 HECKER	FD 102119	3327 HECKER RD	3327 HECKER RD
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Volatle Organic Compounds (VOCs):																							
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.65	< 0.65	< 0.65	< 0.65	< 0.46	< 0.46	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.5	< 0.5	
1,2-Dichloroethane	ug/l	5	0.5	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.54	< 0.48	< 0.48	< 0.48	< 0.45	< 0.45	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.25	< 0.39	< 0.39	
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.49	< 0.49	< 0.49	< 0.49	< 0.42	< 0.42	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.36	< 0.36	
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.44	< 0.44	< 0.44	< 0.44	< 0.17	< 0.17	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.22	< 0.33	< 0.33	
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.46	< 0.46	< 0.46	< 0.27	< 0.27	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.39	< 0.39	
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.43	< 0.43	< 0.43	< 0.43	< 0.96	< 0.96	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.26	< 0.44	< 0.44	
Chloromethane	ug/l	30	3	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 1.9	< 1.9	< 1.9	< 1.9	< 1.3	< 1.3	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.8	< 0.8	
cis-1,2-Dichloroethene	ug/l	70	7	11	11.6	6.4	6.9	5.6	4.3	4.2	3.2	3.3	2.38	4	4.5	4.2	4	3.6	3.07	3.4	3.6	4	
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.87	< 0.87	< 0.87	< 0.87	< 0.38	< 0.38	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.32	< 0.45	< 0.45	
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 1.3	< 1.3	< 0.94	< 0.94	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 1.1	< 1.1	< 1.1	< 1.1	< 0.82	< 0.82	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.47	< 0.47	
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.44	< 0.44	< 0.44	< 0.44	< 0.67	< 0.67	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.19	< 0.26	< 0.26	
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.54	< 0.54	< 0.54	< 0.54	< 0.35	< 0.35	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.34	< 0.37	< 0.37	
Vinyl chloride	ug/l	0.2	0.02	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.17	< 0.17	< 0.17	< 0.17	< 0.19	< 0.19	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	

SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):						
Original or Replacement Well:						
Sample Date:		05/25/21	05/25/21	11/29/21	06/23/22	11/17/22
Sample Source:		Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot
Field Sample ID:		FD052521	3327 HECKER RD	3327 HECKER RD	3327 HECKER	3327 HECKER RD
Sampling Company:		AECOM	AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-
Volatile Organic Compounds (VOCs):						
1,1-Dichloroethene	ug/l	7	0.7	< 0.55	< 0.55	< 0.55
1,2-Dichloroethane	ug/l	5	0.5	< 0.44	< 0.44	< 0.44
1,4-Dichlorobenzene	ug/l	75	15	< 0.48	< 0.48	< 0.48
Benzene	ug/l	5	0.5	< 0.38	< 0.38	< 0.38
Carbon disulfide	ug/l	1000	200	NA	NA	NA
Chlorobenzene	ug/l	100	20	< 0.38	< 0.38	< 0.38
Chloroform	ug/l	6	0.6	< 0.4	< 0.4	< 0.4
Chloromethane	ug/l	30	3	< 0.84	< 0.84	< 0.84
cis-1,2-Dichloroethene	ug/l	70	7	3.09	3.2	4.5
Dichlorodifluoromethane	ug/l	1000	200	< 0.55	< 0.55	< 0.55
Methylene Chloride	ug/l	5	0.5	< 0.89	< 0.89	< 0.89
Methyl-tert-butyl ether	ug/l	60	12	< 0.46	< 0.46	< 0.46
Toluene	ug/l	800	160	< 0.42	< 0.42	< 0.42
trans-1,2-Dichloroethene	ug/l	100	20	< 0.6	< 0.6	< 0.6
Vinyl chloride	ug/l	0.2	0.02	< 0.17	< 0.17	< 0.17

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				3461(3417) Hecker Rd																			
Original or Replacement Well:				10/24/13	11/12/13	05/30/14	08/26/14	11/10/14	02/24/15	10/13/15	03/30/16	03/30/16 (DUP)	10/06/16 (DUP)	05/31/17	10/25/17	05/21/18	11/20/18	06/27/19	10/22/19	06/03/20	11/18/20	06/02/21	
Sample Date:				Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink	Inside Sink
Field Sample ID:				PW-3461	PW-3417/3461	3417 HECKER RD	3417 HECKER	3461 HECKER	3417 HECKER	3461 HECKER	3461 HECKER RD	461 HECKER RD DU	3417 HECKER DUP	3417 HECKER	3417 HECKER	3417 HECKER	3461 HECKER	346 (3417) HECKER	3461 (3417) HECKER	3461 (3417) HECKER	3417(3461) HECKER	3461 (3417) HECKER	
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Volatle Organic Compounds (VOCs):																							
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.65	< 0.65	< 0.65	< 0.65	< 0.65	< 0.46	< 0.46	< 0.42	< 0.42	< 0.42	< 0.42	< 0.5	< 0.5	< 0.55	
1,2-Dichloroethene	ug/l	5	0.5	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.54	< 0.48	< 0.48	< 0.48	< 0.48	< 0.45	< 0.45	< 0.25	< 0.25	< 0.25	< 0.25	< 0.39	< 0.39	< 0.44	
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.49	< 0.49	< 0.49	< 0.49	< 0.49	< 0.42	< 0.42	< 0.7	< 0.7	< 0.7	< 0.7	< 0.36	< 0.36	< 0.48	
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.17	< 0.17	< 0.22	< 0.22	< 0.22	< 0.22	< 0.33	< 0.33	< 0.38	
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.46	< 0.46	< 0.46	< 0.46	0.32	J	< 0.27	< 0.26	< 0.26	< 0.26	< 0.39	< 0.39	< 0.38	
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.96	< 0.96	< 0.26	< 0.26	< 0.26	< 0.26	< 0.44	< 0.44	< 0.4	
Chloromethane	ug/l	30	3	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 1.9	< 1.9	< 1.9	< 1.9	< 1.9	< 1.3	< 1.3	< 0.54	< 0.54	< 0.54	< 0.54	< 0.8	< 0.8	< 0.84	
cis-1,2-Dichloroethene	ug/l	70	7	2.58	2.15	2.12	1.79	1.49	1.59	1.6	1.66	1.74	1.51	0.55	J	1.35	1.87	1.75	1.89	1.78	1.66	1.55	
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.87	< 0.87	< 0.87	< 0.87	< 0.87	< 0.38	< 0.38	< 0.32	< 0.32	< 0.32	< 0.32	< 0.45	< 0.45	< 0.55	
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 1.3	< 1.3	< 1.3	< 0.94	< 0.94	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 0.89	
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 1.1	< 1.1	< 1.1	< 1.1	< 1.1	< 0.82	< 0.82	< 0.28	< 0.28	< 0.28	< 0.28	< 0.47	< 0.47	< 0.46	
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.67	< 0.67	< 0.19	< 0.19	< 0.19	< 0.19	0.25	J	< 0.42	
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.35	< 0.35	< 0.34	< 0.34	< 0.34	< 0.34	< 0.37	< 0.37	< 0.6	
Vinyl chloride	ug/l	0.2	0.02	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.17	< 0.17	< 0.17	< 0.17	< 0.17	< 0.19	< 0.19	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.17	

TABLE 1
 SUMMARY OF VOCs DETECTED IN POTABLE WELLS
 FORMER TOWN OF NEWTON GRAVEL PIT
 MANITOWOC, WISCONSIN

Location (or Location group):					
Original or Replacement Well:					
Sample Date:		11/22/21	06/27/22	06/27/22 (DUP)	06/12/23
Sample Source:		Inside Sink	Inside Sink	Inside Sink	Inside Sink
Field Sample ID:		461/3417 HECKER R	3417 HECKER	062722 DUP	3461 HECKER
Sampling Company:		AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-
Volatile Organic Compounds (VOCs):					
1,1-Dichloroethene	ug/l	7	0.7	< 0.55	< 0.43
1,2-Dichloroethane	ug/l	5	0.5	< 0.44	< 0.43
1,4-Dichlorobenzene	ug/l	75	15	< 0.48	< 0.49
Benzene	ug/l	5	0.5	< 0.38	< 0.3
Carbon disulfide	ug/l	1000	200	NA	NA
Chlorobenzene	ug/l	100	20	< 0.38	< 0.29
Chloroform	ug/l	6	0.6	< 0.4	< 0.33
Chloromethane	ug/l	30	3	< 0.84	< 0.74
cis-1,2-Dichloroethene	ug/l	70	7	1.93	1.6
Dichlorodifluoromethane	ug/l	1000	200	< 0.55	< 0.3
Methylene Chloride	ug/l	5	0.5	< 0.89	< 0.79
Methyl-tert-butyl ether	ug/l	60	12	< 0.46	< 0.47
Toluene	ug/l	800	160	< 0.42	< 0.33
trans-1,2-Dichloroethene	ug/l	100	20	< 0.6	< 0.5
Vinyl chloride	ug/l	0.2	0.02	< 0.17	< 0.15

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):			3515 Hecker Rd												
Original or Replacement Well:			Original Potable Well						Replacement Potable Well						
Sample Date:			10/22/13	11/07/13	11/07/13	11/22/13	05/28/14	08/28/14	09/29/14	11/04/14	02/23/15	10/14/15	10/05/16	06/04/20	
Sample Source:			Outside Spigot	Inside Kitchen	Inside Kitchen	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Pressure Tank	Pressure Tank	Treat	Pressure Tank	
Field Sample ID:			PW-3515	PW-3515 (IN)	PW-3515 (OUT)	PW-3515	3515 HECKER RD	3515 HECKER	3515 HECKER RD	3515 HECKER	3515 HECKER	3515 HECKER	3515 HECKER TREA	3515 HECKER RD	
Sampling Company:			AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM		
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾												
Volatile Organic Compounds (VOCs):															
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.4	NA	< 0.4	< 0.4	< 0.4	< 0.4	< 0.65	< 0.65	NA	
1,2-Dichloroethane	ug/l	5	0.5	< 0.41	< 0.41	< 0.41	NA	< 0.41	< 0.41	< 0.41	< 0.41	< 0.54	< 0.48	NA	
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.3	NA	< 0.3	< 0.3	< 0.3	< 0.3	< 0.49	< 0.49	NA	
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.24	NA	< 0.24	< 0.24	< 0.24	< 0.24	< 0.44	< 0.44	NA	
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.24	NA	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.46	NA	
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.43	< 0.43	NA	
Chloromethane	ug/l	30	3	1.02 J	< 0.81	< 0.81	NA	< 0.81	< 0.81	< 0.81	< 0.81	< 1.9	< 1.9	NA	
cis-1,2-Dichloroethene	ug/l	70	7	7.4	7.4	7.2	NA	10	7.8	< 0.38	< 0.38	< 0.45	< 0.45	NA	
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.44	NA	< 0.44	< 0.44	< 0.44	< 0.44	< 0.87	< 0.87	NA	
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	NA	
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 0.23	NA	< 0.23	< 0.23	< 0.23	< 0.23	< 1.1	< 1.1	NA	
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.69	NA	< 0.69	< 0.69	< 0.69	< 0.69	< 0.44	< 0.44	NA	
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	< 0.35	NA	< 0.35	< 0.35	< 0.35	< 0.35	< 0.54	< 0.54	NA	
Vinyl chloride	ug/l	0.2	0.02	0.22 J	0.24 J	0.24 J	NA	0.47 J	0.28 J	< 0.18	< 0.18	< 0.17	< 0.17	NA	

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				3518 Hecker Rd																
Original or Replacement Well:				Original Potable Well							Replacement Potable Well									
Sample Date:				10/23/13	11/07/13	11/07/13	03/11/14	03/11/14 (DUP)	03/31/14	04/22/14	05/29/14 (DUP)	08/25/14	11/10/14	02/23/15	10/14/15	10/14/15	10/06/16	06/04/20		
Sample Source:				Outside Spigot	Inside Kitchen	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Pressure Tank	Pressure Tank	Treat	Pressure Tank	Pressure Tank		
Field Sample ID:				PW-3518	PW-3518 (IN)	PW-3518 (OUT)	3518 PW	3518 PW DUP	3518 PW	3518 PW	3518 PW	518 HECKER RD DU	3518 HECKER	3518 HECKER	3518 HECKER	3518 HECKER	3518 HECKER TREA	3518 HECKER	3518 HECKER RD	
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Volatile Organic Compounds (VOCs):																				
1,1-Dichloroethene	ug/l	7	0.7	1.62	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	< 4	
1,2-Dichloroethane	ug/l	5	0.5	0.42	J	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	< 4.1	
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	< 3	
Benzene	ug/l	5	0.5	1.74	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ug/l	100	20	< 0.24	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	< 2.4	
Chloroform	ug/l	6	0.6	< 0.28	< 2.8	< 2.8	< 2.8	< 2.8	< 2.8	0.45	J	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	
Chloromethane	ug/l	30	3	< 0.81	< 8.1	< 8.1	< 8.1	< 8.1	< 8.1	< 8.1	< 8.1	< 8.1	< 8.1	< 8.1	< 8.1	< 8.1	< 8.1	< 8.1	< 8.1	
cis-1,2-Dichloroethene	ug/l	70	7	510	530	510	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 4.4	< 4.4	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	
Methylene Chloride	ug/l	5	0.5	< 0.5	< 5	< 5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 2.3	< 2.3	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	
Toluene	ug/l	800	160	< 0.69	< 6.9	< 6.9	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	
trans-1,2-Dichloroethene	ug/l	100	20	5.5	< 3.5	< 3.5	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	
Vinyl chloride	ug/l	0.2	0.02	102	92	86	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				3609 Hecker Rd																
Original or Replacement Well:				Original Potable Well										Replacement Potable Well						
Sample Date:				10/22/13	11/07/13	11/07/13	11/22/13	05/28/14	05/28/14 (DUP)	07/11/14	08/25/14	08/25/14 (DUP)	09/29/14	11/04/14	02/24/15	10/13/15	10/13/15	10/13/15	10/05/16	06/04/20
Sample Source:				Outside Spigot	Inside Kitchen	Inside Kitchen	Outside Spigot	Outside Spigot	Outside Spigot	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Outside Spigot
Field Sample ID:				PW-3609	PW-3609 (IN)	PW-3609 (OUT)	PW-3609	3609 HECKER RD	609 HECKER RD DU	3609 HECKER	3609 HECKER	3609 HECKER DUP	3609 HECKER RD	3609 HECKER	3609 HECKER	3609 HECKER	3609 HECKER RO	609 HECKER TREA	3609 HECKER RD	3609 HECKER RD
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (VOCs):																				
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.4	NA	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.5
1,2-Dichloroethane	ug/l	5	0.5	< 0.41	< 0.41	< 0.41	NA	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.39
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.3	NA	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.36
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.24	NA	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.33
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.24	NA	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.39
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.28	NA	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.44
Chloromethane	ug/l	30	3	< 0.81	< 0.81	< 0.81	NA	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.8
cis-1,2-Dichloroethene	ug/l	70	7	45	46	45	NA	49	49	51	35	36	< 0.38	< 0.38	< 0.45	< 0.45	NA	NA	< 0.45	< 0.39
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.44	NA	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.45
Methylene Chloride	ug/l	5	0.5	0.82 J	< 0.5	< 0.5	NA	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.32
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 0.23	NA	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.47
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.69	NA	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.26
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	0.39 J	NA	0.42 J	0.37 J	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.37
Vinyl chloride	ug/l	0.2	0.02	1	1.02	1.09	NA	7.4	7.6	8.6	4.6	5.2	< 0.18	< 0.18	< 0.17	< 0.17	NA	NA	< 0.17	< 0.2

SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				3625 Hecker Rd								
Original or Replacement Well:				10/22/13	11/07/13	05/28/14	10/05/16	10/05/16 (DUP)	10/30/19	06/04/20	06/29/22	
Sample Date:				Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	
Field Sample ID:				PW-3626	PW-3625	3625 HECKER	3625 HECKER RD	625 HECKER RD DU	3625 HECKER	3625 HECKER RD	3625 HECKER	
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	--	--	--	--	--	--	--	--	
Volatile Organic Compounds (VOCs):												
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.4	< 0.65	< 0.65	< 0.42	< 0.5	< 0.43	
1,2-Dichloroethane	ug/l	5	0.5	< 0.41	< 0.41	< 0.41	< 0.48	< 0.48	< 0.25	< 0.39	< 0.43	
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.3	< 0.49	< 0.49	< 0.7	< 0.36	< 0.49	
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.24	< 0.44	< 0.44	< 0.22	< 0.33	< 0.3	
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.24	< 0.46	< 0.46	< 0.26	< 0.39	< 0.29	
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.28	< 0.43	< 0.43	< 0.26	< 0.44	< 0.33	
Chloromethane	ug/l	30	3	0.82	J	< 0.81	< 1.9	< 1.9	< 0.54	< 0.8	< 0.74	
cis-1,2-Dichloroethene	ug/l	70	7	< 0.38	< 0.38	< 0.38	< 0.45	< 0.45	< 0.37	< 0.39	< 0.32	
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.44	< 0.87	< 0.87	< 0.32	< 0.45	< 0.3	
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 1.32	< 1.32	< 0.79	
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 0.23	< 1.1	< 1.1	< 0.28	< 0.47	< 0.47	
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.69	< 0.44	< 0.44	< 0.19	< 0.26	< 0.33	
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	< 0.35	< 0.54	< 0.54	< 0.34	< 0.37	< 0.5	
Vinyl chloride	ug/l	0.2	0.02	< 0.18	< 0.18	< 0.18	< 0.17	< 0.17	< 0.2	< 0.2	< 0.15	

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				3702 Hecker Rd																		
Original or Replacement Well:				10/22/13	11/12/13	06/03/14	08/25/14	11/13/14	10/14/15	10/14/15 (DUP)	03/31/16	10/11/16	05/30/17	10/25/17	05/21/18	11/20/18	06/27/19	10/21/19	06/04/20	11/17/20	05/25/21	11/22/21
Sample Date:				Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Pressure Tank	Pressure Tank	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot
Field Sample ID:				PW-3702	PW-3702	3702 HECKER RD	3702 HECKER	3702 HECKER	3702 HECKER	3702 HECKER DUP	3702 HECKER RD	3702 HECKER	3702 HECKER	3702 HECKER	3702 HECKER	3702 HECKER	3702 HECKER	3702 HECKER	3702 HECKER RD	3702 HECKER RD	3702 HECKER RD	3702 HECKER
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatle Organic Compounds (VOCs):																						
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.65	< 0.65	< 0.65	< 0.65	< 0.46	< 0.46	< 0.42	< 0.42	< 0.42	< 0.42	< 0.5	< 0.5	< 0.55	< 0.55
1,2-Dichloroethane	ug/l	5	0.5	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.48	< 0.48	< 0.48	< 0.48	< 0.45	< 0.45	< 0.25	< 0.25	< 0.25	< 0.25	< 0.39	< 0.39	< 0.44	< 0.44
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.49	< 0.49	< 0.49	< 0.49	< 0.42	< 0.42	< 0.7	< 0.7	< 0.7	< 0.7	< 0.36	< 0.36	< 0.48	< 0.48
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.44	< 0.44	< 0.44	< 0.44	< 0.17	< 0.17	< 0.22	< 0.22	< 0.22	< 0.22	< 0.33	< 0.33	< 0.38	< 0.38
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.46	< 0.46	< 0.46	< 0.27	< 0.27	< 0.26	< 0.26	< 0.26	< 0.26	< 0.39	< 0.39	< 0.38	< 0.38
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.43	< 0.43	< 0.43	< 0.43	< 0.96	< 0.96	< 0.26	< 0.26	< 0.26	< 0.26	< 0.44	< 0.44	< 0.4	< 0.4
Chloromethane	ug/l	30	3	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 1.9	< 1.9	< 1.9	< 1.9	< 1.3	< 1.3	< 0.54	< 0.54	< 0.54	< 0.54	< 0.8	< 0.8	< 0.84	< 0.84
cis-1,2-Dichloroethene	ug/l	20	7	0.71 J	0.61 J	< 0.38	< 0.38	< 0.38	0.48 J	0.73 J	< 0.45	< 0.45	1.04 J	0.51 J	< 0.41	< 0.37	< 0.37	0.4 J	< 0.37	< 0.39	0.55 J	0.54 J
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.87	< 0.87	< 0.87	< 0.87	< 0.38	< 0.38	< 0.32	< 0.32	< 0.32	< 0.32	< 0.45	< 0.45	< 0.55	< 0.55
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 1.3	< 1.3	< 0.94	< 0.94	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 0.89	< 0.89
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 1.1	< 1.1	< 1.1	< 1.1	< 0.82	< 0.82	< 0.28	< 0.28	< 0.28	< 0.28	< 0.47	< 0.47	< 0.46	< 0.46
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.44	< 0.44	< 0.44	< 0.44	< 0.67	< 0.67	< 0.19	< 0.19	< 0.19	< 0.19	< 0.26	< 0.26	< 0.42	< 0.42
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.54	< 0.54	< 0.54	< 0.54	< 0.35	< 0.35	< 0.34	< 0.34	< 0.34	< 0.34	< 0.37	< 0.37	< 0.6	< 0.6
Vinyl chloride	ug/l	0.2	0.02	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.17	< 0.17	< 0.17	< 0.17	< 0.19	< 0.19	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.17	< 0.17

SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				3720 Hecker Rd									
Original or Replacement Well:				06/20/22	06/20/22 (DUP)	11/17/22	11/17/22 (DUP)	10/22/13	11/12/13	06/02/14	03/31/16	06/04/20	06/20/22
Sample Date:				06/20/22	06/20/22 (DUP)	11/17/22	11/17/22 (DUP)	10/22/13	11/12/13	06/02/14	03/31/16	06/04/20	06/20/22
Sample Source:				Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot
Field Sample ID:				3702 HECKER RD	062022 DUP	3702 HECKER RD	DUP 111722	PW-3750	PW-3720	3720 HECKER RD	3720 HECKER RD	3720 HECKER RD	3720 HECKER RD
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (VOCs):													
1,1-Dichloroethene	ug/l	7	0.7	< 0.43	< 0.43	< 0.43	< 0.43	< 0.4	< 0.4	< 0.4	< 0.65	< 0.5	< 0.43
1,2-Dichloroethane	ug/l	5	0.5	< 0.43	< 0.43	< 0.43	< 0.43	< 0.41	< 0.41	< 0.41	< 0.48	< 0.39	< 0.43
1,4-Dichlorobenzene	ug/l	75	15	< 0.49	< 0.49	< 0.49	< 0.49	< 0.3	< 0.3	< 0.3	< 0.49	< 0.36	< 0.49
Benzene	ug/l	5	0.5	< 0.3	< 0.3	< 0.3	< 0.3	< 0.24	< 0.24	< 0.24	< 0.44	< 0.33	< 0.3
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/l	100	20	< 0.29	< 0.29	< 0.29	< 0.29	< 0.24	< 0.24	< 0.24	< 0.46	< 0.39	< 0.29
Chloroform	ug/l	6	0.6	< 0.33	< 0.33	< 0.33	< 0.33	< 0.28	< 0.28	< 0.28	< 0.43	< 0.44	< 0.33
Chloromethane	ug/l	30	3	< 0.74	< 0.74	< 0.74	< 0.74	1.48	J	< 0.81	< 0.81	< 1.9	< 0.8
cis-1,2-Dichloroethene	ug/l	70	7	0.54	J	0.42	J	1.11	J	1.62	< 0.38	< 0.38	< 0.45
Dichlorodifluoromethane	ug/l	1000	200	< 0.3	< 0.3	< 0.3	< 0.3	< 0.44	< 0.44	< 0.44	< 0.87	< 0.45	< 0.3
Methylene Chloride	ug/l	5	0.5	< 0.79	< 0.79	< 0.79	< 0.79	< 0.5	< 0.5	< 0.5	< 1.3	< 1.32	< 0.79
Methyl-tert-butyl ether	ug/l	60	12	< 0.47	< 0.47	< 0.47	< 0.47	< 0.23	< 0.23	< 0.23	< 1.1	< 0.47	< 0.47
Toluene	ug/l	800	160	< 0.33	< 0.33	< 0.33	< 0.33	< 0.69	< 0.69	< 0.69	< 0.44	< 0.26	< 0.33
trans-1,2-Dichloroethene	ug/l	100	20	< 0.5	< 0.5	< 0.5	< 0.5	< 0.35	< 0.35	< 0.35	< 0.54	< 0.37	< 0.5
Vinyl chloride	ug/l	0.2	0.02	< 0.15	< 0.15	< 0.15	< 0.15	< 0.18	< 0.18	< 0.18	< 0.17	< 0.2	< 0.15

SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				4159 Silver Creek Rd																			
Original or Replacement Well:				12/12/13	01/06/14	06/04/14	06/04/14 (DUP)	09/08/14	11/10/14	11/10/14 (DUP)	02/23/15	10/14/15	03/30/16	10/10/16	05/30/17	10/25/17	05/21/18	11/20/18	06/27/19	10/21/19	06/03/20	11/18/20	
Sample Date:				Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank
Field Sample ID:				4159 SILVER CREEK	4159 SILVER CREEK	4159 SILVER	4159 SILVER DUP	4159 SILVER	4159 SILVER	4159 SILVER DUP	4159 SILVER	4159 SILVER	4159 SILVER CREEK	4159 SILVER CREEK	4159 SILVER CREEK	4159 SILVER CREEK	4159 SILVER CREEK	4159 SILVER CREEK	4159 SILVER CREEK	4159 SILVER CREEK	4159 SILVER CR	4159 SILVER CREEK	
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatle Organic Compounds (VOCs):																							
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.65	< 0.65	< 0.65	< 0.65	< 0.46	< 0.46	< 0.42	< 0.42	< 0.42	< 0.42	< 0.5	< 0.5
1,2-Dichloroethane	ug/l	5	0.5	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.54	< 0.48	< 0.48	< 0.48	< 0.45	< 0.45	< 0.25	< 0.25	< 0.25	< 0.25	< 0.39	< 0.39
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.49	< 0.49	< 0.49	< 0.42	< 0.42	< 0.7	< 0.7	< 0.7	< 0.7	< 0.7	< 0.36	< 0.36
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.44	< 0.44	< 0.44	< 0.44	< 0.17	< 0.17	< 0.22	< 0.22	< 0.22	< 0.22	< 0.33	< 0.33
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.46	< 0.46	< 0.46	< 0.27	< 0.27	< 0.26	< 0.26	< 0.26	< 0.26	< 0.39	< 0.39
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.43	< 0.43	< 0.43	< 0.43	< 0.96	< 0.96	< 0.26	< 0.26	< 0.26	< 0.26	< 0.44	< 0.44
Chloromethane	ug/l	30	3	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 1.9	< 1.9	< 1.9	< 1.3	< 1.3	< 0.54	< 0.54	< 0.54	< 0.54	< 0.54	< 0.8	< 0.8
cis-1,2-Dichloroethene	ug/l	70	7	0.49 J	0.73 J	0.72 J	0.64 J	0.54 J	0.59 J	0.52 J	0.56 J	0.55 J	0.59 J	0.78 J	0.52 J	0.67 J	0.94 J	0.77 J	0.71 J	0.69 J	0.78 J	0.89 J	0.89 J
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.87	< 0.87	< 0.87	< 0.87	< 0.38	< 0.38	< 0.32	< 0.32	< 0.32	< 0.32	< 0.45	< 0.45
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 1.3	< 1.3	< 0.94	< 0.94	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 1.1	< 1.1	< 1.1	< 1.1	< 0.82	< 0.82	< 0.28	< 0.28	< 0.28	0.32 J	< 0.47	< 0.47
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.44	< 0.44	< 0.44	< 0.44	< 0.67	< 0.67	< 0.19	< 0.19	< 0.19	< 0.19	< 0.26	< 0.26
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.54	< 0.54	< 0.54	< 0.54	< 0.35	< 0.35	< 0.34	< 0.34	< 0.34	< 0.34	< 0.37	< 0.37
Vinyl chloride	ug/l	0.2	0.02	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.17	< 0.17	< 0.17	< 0.17	< 0.19	< 0.19	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2	< 0.2

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):			4620 Silver Creek Rd												2706 CTH CR		
Original or Replacement Well:			06/01/21	11/22/21	06/24/22	06/13/23	11/08/13	11/12/13	05/28/14	05/28/14	08/26/14	10/05/16	06/14/23				
Sample Date:			Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	House-Outside	Barn-Inside	Barn-Inside	House-Outside	Outside Spigot	Outside Spigot	Outside Spigot				
Field Sample ID:			59 SILVER CREEK R	4159 SILVER CREEK	4159 SILVER CR	4159 SILVER CREEK	PW-4620	PW-4620/(barn)	4620 SILVER BARN	4620 SILVER HOUSE	2706 CTH CR	2706 CTH CR	2706 CTH CR				
Sampling Company:			AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM				
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-				
Volatile Organic Compounds (VOCs):																	
1,1-Dichloroethene	ug/l	7	0.7	< 0.55	< 0.55	< 0.43	< 0.43	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.43				
1,2-Dichloroethane	ug/l	5	0.5	< 0.44	< 0.44	< 0.43	< 0.43	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.43				
1,4-Dichlorobenzene	ug/l	75	15	< 0.48	< 0.48	< 0.49	< 0.49	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.49				
Benzene	ug/l	5	0.5	< 0.38	< 0.38	< 0.3	< 0.3	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.3				
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA				
Chlorobenzene	ug/l	100	20	< 0.38	< 0.38	< 0.29	< 0.29	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.29				
Chloroform	ug/l	6	0.6	< 0.4	< 0.4	< 0.33	< 0.33	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.33				
Chloromethane	ug/l	30	3	< 0.84	< 0.84	< 0.74	< 0.74	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.74				
cis-1,2-Dichloroethene	ug/l	70	7	0.81 J	0.77 J	0.68 J	0.43 J	< 0.38	< 0.38	< 0.38	< 0.38	< 0.38	< 0.32				
Dichlorodifluoromethane	ug/l	1000	200	< 0.55	< 0.55	< 0.3	< 0.3	< 0.44	< 0.44	0.45 J	< 0.44	< 0.44	< 0.3				
Methylene Chloride	ug/l	5	0.5	< 0.89	< 0.89	< 0.79	< 0.79	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.79				
Methyl-tert-butyl ether	ug/l	60	12	< 0.46	< 0.46	< 0.47	< 0.47	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.47				
Toluene	ug/l	800	160	< 0.42	< 0.42	< 0.33	< 0.33	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.33				
trans-1,2-Dichloroethene	ug/l	100	20	< 0.6	< 0.6	< 0.5	< 0.5	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.5				
Vinyl chloride	ug/l	0.2	0.02	< 0.17	< 0.17	< 0.15	< 0.15	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	0.39 J				

SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):			2717 CTH CR(4141 Viebahn St)												
Original or Replacement Well:			Original Potable Well						Non-Potable Well (City Water Provided Dec 2016)						
Sample Date:			08/25/14	09/08/14	09/08/14 (DUP)	11/10/14	02/23/15	10/13/15	03/31/16	10/06/16	10/22/19	06/04/20	11/18/20	06/12/23	
Sample Source:			Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Garage Faucet	Garage Faucet	Outside Faucet	Outside Faucet	Garage Faucet	Garage Faucet	
Field Sample ID:			2717 CTH CR	2717 CTH CR	2717 CTH CR DUP	2717 CTH CR	2717 CTH CR	2717 CTH CR	2717 CTH CR	2717 CTH CR	2717 CTH CR	4141 VIEBAHN	2717 CTH CR	2717 CTH CR	
Sampling Company:			AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	
Volatile Organic Compounds (VOCs):															
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.4	< 0.4	< 0.65	< 0.65	< 0.65	< 0.65	< 0.42	< 0.5	< 0.5	< 0.43
1,2-Dichloroethane	ug/l	5	0.5	< 0.41	< 0.41	< 0.41	< 0.41	< 0.54	< 0.48	< 0.48	< 0.48	< 0.25	< 0.39	< 0.39	< 0.43
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.3	< 0.3	< 0.49	< 0.49	< 0.49	< 0.49	< 0.7	< 0.36	< 0.36	< 0.49
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.24	< 0.24	< 0.44	< 0.44	< 0.44	< 0.44	< 0.22	< 0.33	< 0.33	< 0.3
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.46	< 0.46	< 0.46	< 0.26	< 0.39	< 0.39	< 0.29
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.28	< 0.28	< 0.43	< 0.43	< 0.43	< 0.43	< 0.26	< 0.44	< 0.44	< 0.33
Chloromethane	ug/l	30	3	< 0.81	< 0.81	< 0.81	< 0.81	< 1.9	< 1.9	< 1.9	< 1.9	< 0.54	< 0.8	< 0.8	< 0.74
cis-1,2-Dichloroethene	ug/l	70	7	1.4	1.31	1.44	1.3	1.26 J	1.72	< 0.45	1.53	2.09	1.72	0.92 J	1.33
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.44	< 0.44	< 0.87	< 0.87	< 0.87	< 0.87	< 0.32	< 0.45	< 0.45	< 0.3
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 1.3	< 1.3	< 1.32	< 1.32	< 1.32	< 0.79
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 0.23	< 0.23	< 1.1	< 1.1	< 1.1	< 1.1	< 0.28	< 0.47	< 0.47	< 0.47
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.69	< 0.69	< 0.44	< 0.44	< 0.44	< 0.44	< 0.19	< 0.26	< 0.26	< 0.33
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	< 0.35	< 0.35	< 0.54	< 0.54	< 0.54	< 0.54	< 0.34	< 0.37	< 0.37	< 0.5
Vinyl chloride	ug/l	0.2	0.02	0.21 J	0.29 J	0.31 J	0.39 J	0.35 J	0.47 J	< 0.17	0.32 J	0.46 J	0.54 J	< 0.2	0.44 J

SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				2911 CTH CR											
Original or Replacement Well:															
Sample Date:				05/29/14	10/07/16	10/27/17	10/27/17 (DUP)	10/11/18	10/21/19	11/18/20	05/24/21	06/27/22	06/14/23		
Sample Source:				Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank
Field Sample ID:				2911 CTH CR	2911 CTH CR	2911 CTH CR	2911 CTH CR DUP	2911 CTH CR	2911 CTH CR	2911 CTH CR	2911 CTH CR	2911 CTH CR	2911 CTH CR	2911 CTH CR	
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	
Volatile Organic Compounds (VOCs):															
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.65	< 0.46	< 0.46	< 0.42	< 0.42	< 0.5	< 0.55	< 0.43	< 0.43	< 0.43	< 0.43
1,2-Dichloroethane	ug/l	5	0.5	< 0.41	< 0.48	< 0.45	< 0.45	< 0.25	< 0.25	< 0.39	< 0.44	< 0.43	< 0.43	< 0.43	< 0.43
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.49	< 0.42	< 0.42	< 0.7	< 0.7	< 0.36	< 0.48	< 0.49	< 0.49	< 0.49	< 0.49
Benzene	ug/l	5	0.5	< 0.24	< 0.44	< 0.17	< 0.17	< 0.22	< 0.22	< 0.33	< 0.38	< 0.3	< 0.3	< 0.3	< 0.3
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/l	100	20	< 0.24	< 0.46	< 0.27	< 0.27	< 0.26	< 0.26	< 0.39	< 0.38	< 0.29	< 0.29	< 0.29	< 0.29
Chloroform	ug/l	6	0.6	< 0.28	< 0.43	< 0.96	< 0.96	< 0.26	< 0.26	< 0.44	< 0.4	< 0.33	< 0.33	< 0.33	< 0.33
Chloromethane	ug/l	30	3	< 0.81	< 1.9	< 1.3	< 1.3	< 0.54	< 0.54	< 0.8	< 0.84	< 0.74	< 0.74	< 0.74	< 0.74
cis-1,2-Dichloroethene	ug/l	70	7	< 0.38	< 0.45	< 0.41	< 0.41	< 0.37	< 0.37	< 0.39	< 0.39	< 0.32	< 0.32	< 0.32	< 0.32
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.87	< 0.38	< 0.38	< 0.32	< 0.32	< 0.45	< 0.55	< 0.3	< 0.3	< 0.3	< 0.3
Methylene Chloride	ug/l	5	0.5	< 0.5	< 1.3	< 0.94	< 0.94	< 1.32	< 1.32	< 1.32	< 0.89	< 0.79	< 0.79	< 0.79	< 0.79
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 1.1	< 0.82	< 0.82	< 0.28	< 0.28	< 0.47	< 0.46	< 0.47	< 0.47	< 0.47	< 0.47
Toluene	ug/l	800	160	< 0.69	< 0.44	< 0.67	< 0.67	< 0.19	< 0.19	0.37	J	< 0.42	< 0.33	< 0.33	< 0.33
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.54	< 0.35	< 0.35	< 0.34	< 0.34	< 0.37	< 0.6	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	ug/l	0.2	0.02	< 0.18	< 0.17	< 0.19	< 0.19	< 0.2	< 0.2	< 0.2	< 0.17	< 0.15	< 0.15	< 0.15	< 0.15

TABLE 1
 SUMMARY OF VOCs DETECTED IN POTABLE WELLS
 FORMER TOWN OF NEWTON GRAVEL PIT
 MANITOWOC, WISCONSIN

Location (or Location group):			3023 CTH CR										
Original or Replacement Well:			Original Potable Well				Replacement Potable Well						
Sample Date:			02/04/14	02/04/14 (DUP)	06/02/14	08/25/14	10/08/14	11/04/14	02/24/15	10/13/15	10/13/15	10/05/16	06/14/23
Sample Source:			Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Outside Spigot	Treat	Outside Spigot	Outside Spigot
Field Sample ID:			3023 CTH CR	3023 CTH CR DUP	3023 CTH CR	3023 CTH CR	3023 CTH CR	3023 CTH CR	3023 CTH CR	3023 CTH CR	3023 CTH CR TREAT	3023 CTH CR	3023 CTH CR
Sampling Company:			AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (VOCs):													
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.65	< 0.65	NA	< 0.65
1,2-Dichloroethane	ug/l	5	0.5	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.54	< 0.48	NA	< 0.48
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.49	< 0.49	NA	< 0.49
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.44	< 0.44	NA	< 0.44
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.46	NA	< 0.46
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.43	< 0.43	NA	< 0.43
Chloromethane	ug/l	30	3	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 1.9	< 1.9	NA	< 1.9
cis-1,2-Dichloroethene	ug/l	70	7	2.84	2.96	2.87	2.34	< 0.38	< 0.38	< 0.45	< 0.45	NA	< 0.45
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.87	< 0.87	NA	< 0.87
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	NA	< 1.3
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 1.1	< 1.1	NA	< 1.1
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.44	< 0.44	NA	< 0.44
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.54	< 0.54	NA	< 0.54
Vinyl chloride	ug/l	0.2	0.02	0.55 J	0.58	0.41 J	0.33 J	< 0.18	< 0.18	< 0.17	< 0.17	NA	< 0.17

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):			3120 CTH CR													
Original or Replacement Well:			Original Potable Well						Replacement Potable Well							
Sample Date:			01/03/14	02/04/14	05/28/14	05/28/14 (DUP)	08/25/14	08/25/14 (DUP)	10/08/14	11/04/14	02/23/15	10/13/15	10/13/15	10/13/15	10/06/16	11/29/21
Sample Source:			Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Treat	Pressure Tank	Pressure Tank
Field Sample ID:			3120 CTH CR	3120 CTH CR	3120 CTH CR	3120 CTH CR DUP	3120 CTH CR	3120 CTH CR DUP	3120 CTH CR	3120 CTH CR	3120 CTH CR	3120 CTH CR	3120 CTH CR RO	3120 CTH CR TREAT	3120 CTH CR	3120 CTH CR
Sampling Company:			AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (VOCs):																
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.65	< 0.65	NA	NA	< 0.65	< 0.55
1,2-Dichloroethane	ug/l	5	0.5	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.54	< 0.48	NA	NA	< 0.48	< 0.44
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.49	< 0.49	NA	NA	< 0.49	< 0.48
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.44	< 0.44	NA	NA	< 0.44	< 0.38
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.46	NA	NA	< 0.46	< 0.38
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.43	< 0.43	NA	NA	< 0.43	< 0.4
Chloromethane	ug/l	30	3	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 1.9	< 1.9	NA	NA	< 1.9	< 0.84
cis-1,2-Dichloroethene	ug/l	70	7	2.74	2.86	2.65	2.68	1.89	2.23	< 0.38	< 0.38	< 0.45	< 0.45	NA	NA	< 0.39
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.87	< 0.87	NA	NA	< 0.87	< 0.55
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	NA	NA	< 1.3	< 0.89
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 1.1	< 1.1	NA	NA	< 1.1	< 0.46
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.44	< 0.44	NA	NA	< 0.44	< 0.42
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.54	< 0.54	NA	NA	< 0.54	< 0.6
Vinyl chloride	ug/l	0.2	0.02	0.6	0.43 J	0.35 J	0.26 J	0.27 J	0.24 J	< 0.18	< 0.18	< 0.17	< 0.17	NA	NA	< 0.17

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):			3403 CTH CR											
Original or Replacement Well:			Original Potable Well				Replacement Potable Well							
Sample Date:			01/03/14	02/05/14	05/28/14	08/25/14	10/21/14	11/04/14	02/23/15	10/13/15	10/13/15	10/05/16	11/18/22	
Sample Source:			Kitchen Sink	Kitchen Sink	Kitchen Sink	Kitchen Sink	Kitchen Sink	Kitchen Sink	Kitchen Sink	Kitchen Sink	Treat	Outside Spigot	Outside Spigot	
Field Sample ID:			3403 CTH CR	3403 CTH CR	3403 CTH CR	3403 CTH CR	3403 CTH CR	3403 CTH CR	3403 CTH CR	3403 CTH CR	3403 CTH CR TREAT	3403 CTH CR	3403 CTH CR	
Sampling Company:			AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	
Volatile Organic Compounds (VOCs):														
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.65	< 0.65	NA	< 0.65	< 0.43
1,2-Dichloroethane	ug/l	5	0.5	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.54	< 0.48	NA	< 0.48	< 0.43
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.49	< 0.49	NA	< 0.49	< 0.49
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.44	< 0.44	NA	< 0.44	< 0.3
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.46	NA	< 0.46	< 0.29
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.43	< 0.43	NA	< 0.43	< 0.33
Chloromethane	ug/l	30	3	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 1.9	< 1.9	NA	< 1.9	< 0.74
cis-1,2-Dichloroethene	ug/l	70	7	1.3	1.67	1.48	1.34	< 0.38	< 0.38	< 0.45	< 0.45	NA	< 0.45	< 0.32
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.87	< 0.87	NA	< 0.87	< 0.3
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	NA	< 1.3	< 0.79
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 1.1	< 1.1	NA	< 1.1	< 0.47
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.44	< 0.44	NA	< 0.44	< 0.33
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.54	< 0.54	NA	< 0.54	< 0.5
Vinyl chloride	ug/l	0.2	0.02	0.56 J	0.25 J	0.22 J	< 0.18	< 0.18	< 0.18	< 0.17	< 0.17	NA	< 0.17	< 0.15

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				3504 CTH CR																	
Original or Replacement Well:				Original Potable Well																	
Sample Date:				12/05/13	12/05/13 (DUP)	01/06/14	01/06/14 (DUP)	02/05/14	05/30/14	05/30/14 (DUP)	08/25/14	08/25/14 (DUP)	11/18/14	11/18/14 (DUP)	02/23/15	10/14/15	10/20/15	03/31/16	03/31/16 (DUP)	10/11/16	
Sample Source:				Outside Spigot	Outside Spigot	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement
Field Sample ID:				3504 CTH CR	3504 CTH CR DUP	3504 CTH CR	3504 CTH CR DUP	3504 CTH CR	3504 CTH CR	3504 CTH CR DUP	3504 CTH CR	3504 CTH CR	3504 CTH CR DUP	3504 CTH CR	3504 CTH CR	3504 CTH CR	3504 CTH CR	3504 CTH CR	3504 CTH CR DUP	3504 CTH CR	
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Volatile Organic Compounds (VOCs):																					
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	< 0.4	
1,2-Dichloroethane	ug/l	5	0.5	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	< 0.41	
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	< 0.3	
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	< 0.24	
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	< 0.28	
Chloromethane	ug/l	30	3	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	< 0.81	
cis-1,2-Dichloroethene	ug/l	70	7	1.28	1.38	1.43	1.34	1.42	1.22	1.13 J	0.99 J	1.02 J	1.41	1.26	1.19 J	1.27 J	NA	0.76 J	0.91 J	1.17 J	
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	< 0.44	
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5	
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	< 0.23	
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	< 0.69	
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	< 0.35	
Vinyl chloride	ug/l	0.2	0.02	< 0.18	< 0.18	< 0.18	0.23 J	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	< 0.18	

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				3533 CTH CR															
Original or Replacement Well:				Replacement Potable Well															
Sample Date:				10/24/16	11/08/16	02/23/17	11/22/21	11/22/21 (DUP)	01/06/14	06/03/14	03/30/16	10/27/17	10/11/18	10/21/19	06/10/20	11/18/20	05/24/21	06/24/22	06/14/23
Sample Source:				Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement	Basement
Field Sample ID:				3504 CTH CR	3504 CTH CR	3504 CTH CR	3504 CTH CR	112221 DUP	3533 CTH CR	3533 CTH CR	3533 CTH CR	3533 CTH CR	3533 CTH CR	3533 CTHCR	3533 CTH CR	3533 CTH CR	3533 CTH CR	3533 CTH CR	3533 CTH CR
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Volatile Organic Compounds (VOCs):																			
1,1-Dichloroethene	ug/l	7	0.7	< 0.65	< 0.65	< 0.46	< 0.55	< 0.55	< 0.4	< 0.4	< 0.65	< 0.46	< 0.42	< 0.42	< 0.5	< 0.5	< 0.55	< 0.43	< 0.43
1,2-Dichloroethane	ug/l	5	0.5	< 0.48	< 0.48	< 0.45	< 0.44	< 0.44	< 0.41	< 0.41	< 0.48	< 0.45	< 0.25	< 0.25	< 0.39	< 0.39	< 0.44	< 0.43	< 0.43
1,4-Dichlorobenzene	ug/l	75	15	< 0.49	< 0.49	< 0.42	< 0.48	< 0.48	< 0.3	< 0.3	< 0.49	< 0.42	< 0.7	< 0.7	< 0.36	< 0.36	< 0.48	< 0.49	< 0.49
Benzene	ug/l	5	0.5	< 0.44	< 0.44	< 0.17	< 0.38	< 0.38	< 0.24	< 0.24	< 0.44	< 0.17	< 0.22	< 0.22	< 0.33	< 0.33	< 0.38	< 0.3	< 0.3
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/l	100	20	< 0.46	< 0.46	< 0.27	< 0.38	< 0.38	< 0.24	< 0.24	< 0.46	< 0.27	< 0.26	< 0.26	< 0.39	< 0.39	< 0.38	< 0.29	< 0.29
Chloroform	ug/l	6	0.6	< 0.43	< 0.43	< 0.96	< 0.4	< 0.4	0.28 J	< 0.28	< 0.43	< 0.96	< 0.26	< 0.26	< 0.44	< 0.44	< 0.4	< 0.33	< 0.33
Chloromethane	ug/l	30	3	< 1.9	< 1.9	< 1.3	< 0.84	< 0.84	< 0.81	< 0.81	< 1.9	< 1.3	< 0.54	< 0.54	< 0.8	< 0.8	< 0.84	< 0.74	< 0.74
cis-1,2-Dichloroethene	ug/l	70	7	< 0.45	< 0.45	< 0.41	< 0.39	< 0.39	< 0.38	< 0.38	< 0.45	< 0.41	< 0.37	< 0.37	< 0.39	< 0.39	< 0.39	< 0.32	< 0.32
Dichlorodifluoromethane	ug/l	1000	200	< 0.87	< 0.87	< 0.38	< 0.55	< 0.55	< 0.44	< 0.44	< 0.87	< 0.38	< 0.32	< 0.32	< 0.45	< 0.45	< 0.55	< 0.3	< 0.3
Methylene Chloride	ug/l	5	0.5	< 1.3	< 1.3	< 0.94	< 0.89	< 0.89	< 0.5	< 0.5	< 0.94	< 1.32	< 1.32	< 1.32	< 1.32	< 0.89	< 0.79	< 0.79	< 0.79
Methyl-tert-butyl ether	ug/l	60	12	< 1.1	< 1.1	< 0.82	< 0.46	< 0.46	< 0.23	< 0.23	< 1.1	< 0.82	< 0.28	< 0.28	< 0.47	< 0.47	< 0.46	< 0.47	< 0.47
Toluene	ug/l	800	160	< 0.44	< 0.44	< 0.67	< 0.42	< 0.42	< 0.69	< 0.69	< 0.44	< 0.67	< 0.19	< 0.19	< 0.26	< 0.26	< 0.42	< 0.33	< 0.33
trans-1,2-Dichloroethene	ug/l	100	20	< 0.54	< 0.54	< 0.35	< 0.6	< 0.6	< 0.35	< 0.35	< 0.54	< 0.35	< 0.34	< 0.34	< 0.37	< 0.37	< 0.6	< 0.5	< 0.5
Vinyl chloride	ug/l	0.2	0.02	< 0.17	< 0.17	< 0.19	< 0.17	< 0.17	< 0.18	< 0.18	< 0.17	< 0.19	< 0.2	< 0.2	< 0.2	< 0.2	< 0.17	< 0.15	< 0.15

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				3626 CTH CR								4024 CTH CR						4114 CTH CR		4125 CTH CR				
Original or Replacement Well:				12/05/13	05/30/14	10/14/15	10/27/17	10/11/18	10/30/19	05/28/21	06/14/23	12/12/13	05/28/14	10/06/16	10/22/19	06/04/20	06/23/22	06/13/23	11/17/22	05/31/17	05/31/17 (DUP)	06/13/23		
Sample Date:				Bathroom	Bathroom	Bathroom	Bathroom	Bathroom	Bathroom	Bathroom	Bathroom	Spigot in Barn	Spigot in Barn	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank		
Field Sample ID:				3626 CTH CR	3626 CTH CR	3626 CTH CR	3626 CTH CR	3626 CTH CR	3626 CTH CR	3626 CTH CR	4024 CTH CR	4024 CTH CR	4024 CTH CR	4024 CTH CR	4024 CTH CR	4024 CTH CR	4024 CTH CR	4024 CTH CR	4114 CTH CR	4125 CTH CR	4125 CTH CR DUP	4125 CTH CR		
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Volatle Organic Compounds (VOCs):																								
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.65	< 0.46	< 0.42	< 0.42	< 0.55	< 0.43	< 0.4	< 0.4	< 0.65	< 0.42	< 0.5	< 0.43	< 0.43	< 0.43	< 0.46	< 0.46	< 0.43	< 0.43	
1,2-Dichloroethane	ug/l	5	0.5	< 0.41	< 0.41	< 0.48	< 0.45	< 0.25	< 0.25	< 0.44	< 0.43	< 0.41	< 0.41	< 0.48	< 0.25	< 0.39	< 0.43	< 0.43	< 0.43	< 0.45	< 0.45	< 0.43	< 0.43	
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.49	< 0.42	< 0.7	< 0.7	< 0.48	< 0.49	< 0.3	< 0.3	< 0.49	< 0.7	< 0.36	< 0.49	< 0.49	< 0.49	< 0.42	< 0.42	< 0.49	< 0.49	
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.44	< 0.17	< 0.22	< 0.22	< 0.38	< 0.3	< 0.24	< 0.24	< 0.44	< 0.22	< 0.33	< 0.3	< 0.3	< 0.3	< 0.17	< 0.17	< 0.3	< 0.3	
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.46	< 0.27	< 0.26	< 0.26	< 0.38	< 0.29	< 0.24	< 0.24	< 0.46	< 0.26	< 0.39	< 0.29	< 0.29	< 0.29	< 0.27	< 0.27	< 0.29	< 0.29	
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.43	< 0.96	< 0.26	< 0.26	< 0.4	< 0.33	< 0.28	< 0.28	< 0.43	< 0.26	< 0.44	< 0.33	< 0.33	< 0.33	< 0.96	< 0.96	< 0.33	< 0.33	
Chloromethane	ug/l	30	3	< 0.81	< 0.81	< 1.9	< 1.3	< 0.54	< 0.54	< 0.84	< 0.74	< 0.81	< 0.81	< 1.9	< 0.54	< 0.8	< 0.74	< 0.74	< 0.74	< 1.3	< 1.3	< 0.74	< 0.74	
cis-1,2-Dichloroethene	ug/l	70	7	< 0.38	< 0.38	< 0.45	< 0.41	< 0.37	< 0.37	< 0.39	< 0.32	< 0.38	< 0.38	< 0.45	0.51 J	0.56 J	0.45 J	0.37 J	0.88 J	< 0.41	< 0.41	< 0.32	< 0.32	
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.87	< 0.38	< 0.32	< 0.32	< 0.55	< 0.3	< 0.44	< 0.44	< 0.87	< 0.32	< 0.45	< 0.3	< 0.3	< 0.3	< 0.38	< 0.38	< 0.3	< 0.3	
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.5	< 1.3	< 0.94	< 1.32	< 1.32	< 0.89	< 0.79	< 0.5	< 0.5	< 1.3	< 1.32	< 1.32	< 0.79	< 0.79	< 0.79	< 0.94	< 0.94	< 0.79	< 0.79	
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 1.1	< 0.82	< 0.28	< 0.28	< 0.46	< 0.47	< 0.23	< 0.23	< 1.1	< 0.28	< 0.47	< 0.47	< 0.47	< 0.47	< 0.82	< 0.82	< 0.47	< 0.47	
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.44	< 0.67	< 0.19	0.81	0.74 J	< 0.33	< 0.69	< 0.69	< 0.44	< 0.19	< 0.26	< 0.33	< 0.33	< 0.33	< 0.67	< 0.67	3.5	3.5	
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	< 0.54	< 0.35	< 0.34	< 0.34	< 0.6	< 0.5	< 0.35	< 0.35	< 0.54	< 0.34	< 0.37	< 0.5	< 0.5	< 0.5	< 0.35	< 0.35	< 0.5	< 0.5	
Vinyl chloride	ug/l	0.2	0.02	< 0.18	< 0.18	< 0.17	< 0.19	< 0.2	< 0.2	< 0.17	< 0.15	< 0.18	< 0.18	< 0.17	< 0.2	< 0.2	< 0.15	< 0.15	< 0.15	< 0.19	< 0.19	< 0.15	< 0.15	

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				3027 Orchard Ln																			
Original or Replacement Well:				02/05/14	06/04/14	08/28/14	11/11/14	03/11/15	10/14/15	03/31/16	10/06/16	05/31/17	10/31/17	05/31/18	11/21/18	10/22/19	06/03/20	10/06/20	11/17/20	05/25/21	11/29/21	06/24/22	
Sample Date:				Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank	Pressure Tank
Field Sample ID:				3027 ORCHARD	3027 ORCHARD	3027 ORCHARD	3027 ORCHARD	3027 ORCHARD	3027 ORCHARD	3027 ORCHARD LN	3027 ORCHARD	3027 ORCHARD	3027 ORCHARD	3027 ORCHARD	3027 ORCHARD	3027 ORCHARD	3027 ORCHARD LN	3027 ORCHARD	3027 ORCHARD LN	3027 ORCHARD LN	3027 ORCHARD LN	3027 ORCHARD LN	3027 ORCHARD
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Volatle Organic Compounds (VOCs):																							
1,1-Dichloroethene	ug/l	7	0.7	< 0.4	< 0.4	< 0.4	< 0.4	< 0.65	< 0.65	< 0.65	< 0.65	< 0.46	< 0.46	< 0.42	< 0.42	< 0.42	< 0.5	< 0.5	< 0.5	< 0.55	< 0.55	< 0.43	
1,2-Dichloroethane	ug/l	5	0.5	< 0.41	< 0.41	< 0.41	< 0.41	< 0.54	< 0.48	< 0.48	< 0.48	< 0.45	< 0.45	< 0.25	< 0.25	< 0.25	< 0.39	< 0.39	< 0.39	< 0.44	< 0.44	< 0.43	
1,4-Dichlorobenzene	ug/l	75	15	< 0.3	< 0.3	< 0.3	< 0.3	< 0.49	< 0.49	< 0.49	< 0.49	< 0.42	< 0.42	< 0.7	< 0.7	< 0.7	< 0.36	< 0.36	< 0.36	< 0.48	< 0.48	< 0.49	
Benzene	ug/l	5	0.5	< 0.24	< 0.24	< 0.24	< 0.24	< 0.44	< 0.44	< 0.44	< 0.44	< 0.17	< 0.17	< 0.22	< 0.22	< 0.22	< 0.33	< 0.33	< 0.33	< 0.38	< 0.38	< 0.3	
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
Chlorobenzene	ug/l	100	20	< 0.24	< 0.24	< 0.24	< 0.24	< 0.46	< 0.46	< 0.46	< 0.46	< 0.27	< 0.27	< 0.26	< 0.26	< 0.26	< 0.39	< 0.39	< 0.39	< 0.38	< 0.38	< 0.29	
Chloroform	ug/l	6	0.6	< 0.28	< 0.28	< 0.28	< 0.28	< 0.43	< 0.43	< 0.43	< 0.43	< 0.96	< 0.96	< 0.26	< 0.26	< 0.26	< 0.44	< 0.44	< 0.44	< 0.4	< 0.4	< 0.33	
Chloromethane	ug/l	30	3	< 0.81	< 0.81	< 0.81	< 0.81	< 1.9	< 1.9	< 1.9	< 1.9	< 1.3	< 1.3	< 0.54	< 0.54	< 0.54	< 0.8	< 0.8	< 0.8	< 0.84	< 0.84	< 0.74	
cis-1,2-Dichloroethene	ug/l	70	7	0.47 J	0.39 J	0.49 J	0.38	< 0.45	0.59 J	< 0.45	0.46 J	0.54 J	< 0.41	< 0.37	0.57 J	0.58 J	0.6 J	0.6 J	0.52 J	< 0.39	0.61 J	0.59 J	
Dichlorodifluoromethane	ug/l	1000	200	< 0.44	< 0.44	< 0.44	< 0.44	< 0.87	< 0.87	< 0.87	< 0.87	< 0.38	< 0.38	< 0.32	< 0.32	< 0.32	< 0.45	< 0.45	< 0.45	< 0.55	< 0.55	< 0.3	
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.5	< 0.5	< 0.5	< 1.3	< 1.3	< 1.3	< 1.3	< 0.94	< 0.94	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 1.32	< 0.89	< 0.89	< 0.79	
Methyl-tert-butyl ether	ug/l	60	12	< 0.23	< 0.23	< 0.23	< 0.23	< 1.1	< 1.1	< 1.1	< 1.1	< 0.82	< 0.82	< 0.28	< 0.28	< 0.28	< 0.47	< 0.47	< 0.47	< 0.46	< 0.46	< 0.47	
Toluene	ug/l	800	160	< 0.69	< 0.69	< 0.69	< 0.69	< 0.44	< 0.44	< 0.44	< 0.44	< 0.67	< 0.67	< 0.19	< 0.19	< 0.19	< 0.26	< 0.26	< 0.26	< 0.42	< 0.42	< 0.33	
trans-1,2-Dichloroethene	ug/l	100	20	< 0.35	< 0.35	< 0.35	< 0.35	< 0.54	< 0.54	< 0.54	< 0.54	< 0.35	< 0.35	< 0.34	< 0.34	< 0.34	< 0.37	< 0.37	< 0.37	< 0.6	< 0.6	< 0.5	
Vinyl chloride	ug/l	0.2	0.02	< 0.18	< 0.18	< 0.18	< 0.18	< 0.17	< 0.17	< 0.17	< 0.17	< 0.19	< 0.19	< 0.2	< 0.2	< 0.2	0.3 J	0.22 J	< 0.2	< 0.17	0.28 J	0.3 J	

TABLE 1
SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):				4316 S 10TH ST			3310 S 19TH ST				4120 S 21ST ST	
Original or Replacement Well:												
Sample Date:				11/18/22	06/12/23	11/08/19	11/05/19	05/26/21	06/22/22	06/13/23	07/06/23	11/11/19
Sample Source:				Pressure Tank	Pressure Tank	Sample Tap	Exterior Spigot	Exterior Spigot	Exterior Spigot	Exterior Spigot	Exterior Spigot	Pressure Tank
Field Sample ID:				3027 ORCHARD LN	3027 ORCHARD	4316 S 10TH ST	3310 S 19TH ST	3310 S 19TH ST	3310 S 19TH	3310 S. 19TH	3310 S. 19TH ST.	4120 S 21ST ST
Sampling Company:				AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-	-	-	-
Volatile Organic Compounds (VOCs):												
1,1-Dichloroethene	ug/l	7	0.7	< 0.43	< 0.43	< 0.42	< 0.42	< 0.55	< 0.43	< 0.43	< 0.43	< 0.42
1,2-Dichloroethane	ug/l	5	0.5	< 0.43	< 0.43	< 0.25	< 0.25	< 0.44	< 0.43	< 0.43	< 0.43	< 0.25
1,4-Dichlorobenzene	ug/l	75	15	< 0.49	< 0.49	0.75 J	< 0.7	< 0.48	< 0.49	< 0.49	< 0.49	< 0.7
Benzene	ug/l	5	0.5	< 0.3	< 0.3	< 0.22	< 0.22	< 0.38	< 0.3	< 0.3	< 0.3	< 0.22
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/l	100	20	< 0.29	< 0.29	< 0.26	< 0.26	< 0.38	< 0.29	< 0.29	< 0.29	< 0.26
Chloroform	ug/l	6	0.6	< 0.33	< 0.33	< 0.26	< 0.26	< 0.4	< 0.33	< 0.33	< 0.33	0.38 J
Chloromethane	ug/l	30	3	< 0.74	< 0.74	< 0.54	< 0.54	< 0.84	< 0.74	< 0.74	< 0.74	< 0.54
cis-1,2-Dichloroethene	ug/l	70	7	0.44 J	0.51 J	< 0.37	< 0.37	< 0.39	< 0.32	< 0.32	< 0.32	< 0.37
Dichlorodifluoromethane	ug/l	1000	200	< 0.3	< 0.3	< 0.32	< 0.32	< 0.55	< 0.3	< 0.3	< 0.3	< 0.32
Methylene Chloride	ug/l	5	0.5	< 0.79	< 0.79	< 1.32	< 1.32	< 0.89	< 0.79	< 0.79	< 0.79	< 1.32
Methyl-tert-butyl ether	ug/l	60	12	< 0.47	< 0.47	< 0.28	< 0.28	< 0.46	< 0.47	< 0.47	< 0.47	< 0.28
Toluene	ug/l	800	160	< 0.33	< 0.33	< 0.19	< 0.19	< 0.42	< 0.33	< 0.33	< 0.33	< 0.19
trans-1,2-Dichloroethene	ug/l	100	20	< 0.5	< 0.5	< 0.34	< 0.34	< 0.6	< 0.5	< 0.5	< 0.5	< 0.34
Vinyl chloride	ug/l	0.2	0.02	0.27 J	0.28 J	< 0.2	< 0.2	< 0.17	< 0.15	0.22 J	< 0.15	< 0.2

SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):			2501 Nelson Lane				1512/1514 Lone Oak Lane				1703 Lone Oak Lane			2406/2414/2512 Birch Rd		
Original or Replacement Well:			12/19/17	06/02/21	06/21/22	06/13/23	02/07/20	05/24/21	06/27/22	06/13/23	12/10/19	06/24/22	06/12/23	06/22/22	11/17/22	06/14/23
Sample Date:			Basement Tap	Basement Tap	Basement Tap	Basement Tap	Basement Tap	Basement Tap	Basement Tap	Basement Tap	Basement Tap	Basement Tap	Basement Tap	Sample Tap	Sample Tap	Sample Tap
Sample Source:			2501 NELSON LANE	2501 NELSON	2501 NELSON LN	2501 NELSON	1514 LONE OAK	1514 LONE OAK LN	1514 LONE OAK	1514 LONE OAK	1703 LONE OAK	1703 LONE OAK	1703 LONE OAK	24062512 BIRCH	24062512 BIRCH	2406 BIRCH
Field Sample ID:			WDNR	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM	AECOM
Sampling Company:			--	--	--	--	--	--	--	--	--	--	--	--	--	--
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾													
Volatile Organic Compounds (VOCs):																
1,1-Dichloroethene	ug/l	7	0.7	< 0.5	< 0.55	< 0.43	< 0.43	< 0.42	< 0.55	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43	< 0.43
1,2-Dichloroethane	ug/l	5	0.5	< 0.5	< 0.44	< 0.43	< 0.43	< 0.25	< 0.44	< 0.43	< 0.43	< 0.25	< 0.43	< 0.43	< 0.43	< 0.43
1,4-Dichlorobenzene	ug/l	75	15	< 0.25	< 0.48	< 0.49	< 0.49	< 0.7	< 0.48	< 0.49	< 0.49	< 0.7	< 0.49	< 0.49	< 0.49	< 0.49
Benzene	ug/l	5	0.5	< 0.3	< 0.38	< 0.3	< 0.3	< 0.22	< 0.38	< 0.3	< 0.3	< 0.22	< 0.3	< 0.3	< 0.3	< 0.3
Carbon disulfide	ug/l	1000	200	< 0.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	ug/l	100	20	< 0.25	< 0.38	< 0.29	< 0.29	< 0.26	< 0.38	< 0.29	< 0.29	< 0.26	< 0.29	< 0.29	< 0.29	< 0.29
Chloroform	ug/l	6	0.6	< 0.25	< 0.4	< 0.33	< 0.33	< 0.26	< 0.4	< 0.33	< 0.33	< 0.26	< 0.33	< 0.33	< 0.33	< 0.33
Chloromethane	ug/l	30	3	< 1	< 0.84	< 0.74	< 0.74	< 0.54	< 0.84	< 0.74	< 0.74	< 0.54	< 0.74	< 0.74	< 0.74	< 0.74
cis-1,2-Dichloroethene	ug/l	70	7	< 0.3	< 0.39	< 0.32	0.53 J	< 0.37	< 0.39	< 0.32	0.32 J	< 0.37	< 0.32	< 0.32	0.6 J	0.9 J
Dichlorodifluoromethane	ug/l	1000	200	< 0.5	< 0.55	< 0.3	< 0.3	< 0.32	< 0.55	< 0.3	< 0.3	< 0.32	< 0.3	< 0.3	< 0.3	< 0.3
Methylene Chloride	ug/l	5	0.5	< 0.5	< 0.89	< 0.79	< 0.79	< 1.32	< 0.89	< 0.79	< 0.79	< 1.32	< 0.79	< 0.79	< 0.79	< 0.79
Methyl-tert-butyl ether	ug/l	60	12	< 0.3	< 0.46	< 0.47	< 0.47	< 0.28	< 0.46	< 0.47	< 0.47	< 0.28	< 0.47	< 0.47	< 0.47	< 0.47
Toluene	ug/l	800	160	< 0.25	< 0.42	< 0.33	< 0.33	< 0.19	< 0.42	< 0.33	< 0.33	< 0.19	< 0.33	< 0.33	< 0.33	< 0.33
trans-1,2-Dichloroethene	ug/l	100	20	< 0.5	< 0.6	< 0.5	< 0.5	< 0.34	< 0.6	< 0.5	< 0.5	< 0.34	< 0.5	< 0.5	< 0.5	< 0.5
Vinyl chloride	ug/l	0.2	0.02	< 0.2	< 0.17	0.16 J	0.42 J	< 0.2	< 0.17	< 0.15	< 0.15	< 0.2	< 0.15	0.15 J	< 0.15	0.29 J

**SUMMARY OF VOCs DETECTED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN**

NOTES:

⁽¹⁾ Enforcement Standard from NR140, March 2023.

⁽²⁾ Preventive Action Limit from NR140, March 2023.

⁽³⁾ Sample Collected by the WDNR.

⁽⁴⁾ Sample Collected by the Property Owner.

DUP - Field duplicate sample

NL - ES or PAL not listed in NR140.

NA - Not analyzed.

J - Compound was detected at a concentration between the limit of detection (LOD) and the limit of quantitation (LOQ).

Bold indicates a PAL exceedance.

Bold and underlining indicates an ES exceedance.

All locations that have been connected to city water have been removed from this table. The historical data has been preserved in previous versions of this report.

Table 2
SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
(Table 2 provided on CD copy of report)

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns for Location (or Location group), Original or Replacement Well, Sample Date, Sample Source, Field Sample ID, Sampling Company, Analyte, Units, ES (1), PAL (2), and 18 sampling locations (10/22/13 to 03/31/16). Rows list various Volatile Organic Compounds (VOCs) such as 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc., with corresponding concentration values.

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns for Location (or Location Group), Original or Replacement Well, Sampling Date, Sample Source, Field Sample ID, Sampling Company, Analyte, Units, ES, PAL, and 20 columns for Original Potable Well and Replacement Potable Well dates. Rows include Volatile Organic Compounds (VOCs) such as 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, etc., with associated concentrations and detection limits.

TABLE 2
SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns for Location (or Location group): Original or Replacement Well, Sample Date, Sample Source, Field Sample ID, Sampling Company, Analyte, Units, ES, PAL, and 12 sampling locations under 3720 Hecker Rd. Rows include Volatile Organic Compounds (VOCs) such as Tetrachloroethane, Trichloroethane, and various chlorinated hydrocarbons.

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns for Location (or Location group), Original or Replacement Well, Sample Date, Sample Source, Field Sample ID, Sampling Company, Analyte, Units, ES (1), PAL (2), and 20 columns of concentration data for various wells (e.g., 1125 Silver Creek Rd, 1202 Silver Creek Rd, etc.). Rows include Volatile Organic Compounds (VOCs) such as 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, etc., along with other contaminants like Acetone, Benzene, and Toluene.

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns for Location (or Location group), Original or Replacement Well, Sample Date, Sample Source, Field Sample ID, Sampling Company, Analyte, Units, ES, PAL, and 17 wells. Rows include Volatile Organic Compounds (VOCs) such as 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, etc., with corresponding values for each well.

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns for Location (or Location group): Original or Replacement Well, Sample Date, Sample Source, Field Sample ID, Sampling Company, Analyte, Units, ES (1), PAL (2), and 18 columns for dates from 12/12/13 to 06/03/20. Rows include various VOCs like 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc.

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns for Location (or Location group), Original or Replacement Well, Sample Date, Sample Source, Field Sample ID, Sampling Company, Analyte, Units, ES (1), PAL (2), and 16 wells (4212/4220/4236 Silver Creek Rd, 4314 Silver Creek Rd, 4315 Silver Creek Rd). Rows list various Volatile Organic Compounds (VOCs) with their respective concentrations and detection limits.

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns for Location (or Location group), Sample Date, Sample Source, Field Sample ID, Sampling Company, Analyte, Units, ES, PAL, and various monitoring points for 2716 CTH CR, Original Potable Well, 2717 CTH CR(4141 Viebahn St), and Non-Potable Well (City Water Provided Dec 2016). The table lists numerous volatile organic compounds (VOCs) and their concentrations across different wells and locations.

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns for Analyte, Units, ES (1), PAL (2), and various sampling dates (01/03/14 to 11/29/21) under categories like Original Potable Well and Replacement Potable Well. Includes a list of Volatile Organic Compounds (VOCs) such as 1,1,1,2-Tetrachloroethane, Benzene, and others.

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns for Location (or Location group): Original or Replacement Well, Sample Date, Sample Source, Field Sample ID, Sampling Company, and 18 columns for various wells (3904 CTH CR, 4024 CTH CR, 4101 CTH CR, 4114 CTH CR). Rows list various Volatile Organic Compounds (VOCs) such as 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc., with values for Units, ES (1), and PAL (2).

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns for Location (or Location group), Original or Replacement Well, Sample Date, Sample Source, Field Sample ID, Sampling Company, Analyte, Units, ES (1), PAL (2), and 16 sample locations (3712 S 10TH ST to 4513 S 10TH ST). Rows include Volatile Organic Compounds (VOCs) such as 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, etc., with values in ug/l and detection limits.

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with 21 columns for wells (3304 S 15TH ST to 3712 S 15TH) and 19 rows for analytes (Volatile Organic Compounds). Includes columns for Units, ES, PAL, and numerical values for each well.

TABLE 2
SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns: Location (or Location group):, Sample Date: (11/06/19, 05/26/21, 06/20/22, 06/13/23, 11/12/19, 05/27/21, 06/22/22, 06/12/23, 10/05/20, 05/26/21, 06/22/22, 06/12/23), Sample Source: (Exterior Spigot, Pressure Tank), Field Sample ID: (2833 S 19TH ST, 3202 S 19TH ST, 3210 S 19TH ST), Sampling Company: (AECOM), Analyte, Units, ES (1), PAL (2), and various VOC compounds like 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc.

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns for Location (or Location group), Original or Replacement Well, Sample Date, Sample Source, Field Sample ID, Sampling Company, Analyte, Units, ES (1), PAL (2), and 18 columns for wells (3304 S 19TH ST, 3307 S 19TH ST, 3310 S 19TH ST, 3315 S 19TH ST, 3319 S 19TH ST, 3429 S 19TH ST). Rows include Volatile Organic Compounds (VOCs) such as 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, 1,1,2,2-Tetrachloroethane, etc.

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns for Location (or Location group), Date, Sample Source, Field Sample ID, Sampling Company, Analyte, Units, and 17 wells. The table lists various VOC compounds and their concentrations across different wells.

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns for Location (or Location group), Original or Replacement Well, Sample Date, Sample Source, Field Sample ID, Sampling Company, Analyte, Units, ES, PAL, and 18 well locations (3203 S 26TH ST, 3323 S 26TH ST, 3407 S 26TH ST, 3505 S 26TH ST, 3510 S 26TH ST, 3517 S 26TH ST, 3526 S 26TH ST, 3529 S 26TH ST, 3615 S 26TH ST, 3627 S 26TH ST, 3719 S 26TH ST, 3720 S 26TH ST, 4017 S 26TH ST). Rows list various VOCs like 1,1,1,2-Tetrachloroethane, 1,1,1-Trichloroethane, etc., with values for each well.

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Table with columns: Analyte, Units, ES, PAL, 2514 Elm Road, 2501 Nelson Lane, 2507 Nelson Lane, 2508 Nelson Lane, 1512/1514 Lone Oak Lane, 1521 Lone Oak Lane. Rows include Volatile Organic Compounds (VOCs) such as 1,1,1,2-Tetrachloroethane, Benzene, Chlorobenzene, etc.

SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Location (or Location group):		3319 Jenny Rd		3321 Jenny Rd		1108 Creek Trails		1207 Creek Trails	
Original or Replacement Well:		3319 Jenny Rd		3321 Jenny Rd		1108 Creek Trails		1207 Creek Trails	
Sample Date:		11/05/19	06/13/23	11/07/19	06/14/23	11/04/19	11/06/19		
Sample Source:		Basement Tap	Basement Tap	Basement Tap	Basement Tap	Basement Tap	Basement Tap		
Field Sample ID:		3319 JENNY RD	3319 JENNY RD	3321 JENNY RD	3321 JENNY RD	1108 CREEK TRAILS	1207 CREEK TRAILS		
Sampling Company:		AECOM	AECOM	AECOM	AECOM	AECOM	AECOM		
Analyte	Units	ES ⁽¹⁾	PAL ⁽²⁾	-	-	-	-	-	-
Volatile Organic Compounds (VOCs):									
1,1,1,2-Tetrachloroethane	ug/l	70	7	< 0.35	< 0.55	< 0.35	< 0.55	< 0.35	< 0.35
1,1,1-Trichloroethane	ug/l	200	40	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33	< 0.33
1,1,2,2-Tetrachloroethane	ug/l	0.2	0.02	< 0.3	< 0.43	< 0.3	< 0.43	< 0.3	< 0.3
1,1,2-Trichloroethane	ug/l	5	0.5	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42	< 0.42
1,1,2-Trichlorotrifluoroethane	ug/l	NL	NL	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	ug/l	850	85	< 0.36	< 0.43	< 0.36	< 0.43	< 0.36	< 0.36
1,1-Dichloroethene	ug/l	7	0.7	< 0.42	< 0.43	< 0.42	< 0.43	< 0.42	< 0.42
1,1-Dichloropropene	ug/l	NL	NL	NA	NA	NA	NA	NA	NA
1,2,3-Trichlorobenzene	ug/l	NL	NL	< 1.71	< 1.4	< 1.71	< 1.4	< 1.71	< 1.71
1,2,3-Trichloropropane	ug/l	60	12	NA	NA	NA	NA	NA	NA
1,2,4-Trichlorobenzene	ug/l	70	14	< 1.15	< 0.63	< 1.15	< 0.63	< 1.15	< 1.15
1,2,4-Trimethylbenzene	ug/l	NL	NL	< 0.8	< 0.35	< 0.8	< 0.35	< 0.8	< 0.8
1,2-Dibromo-3-chloropropane	ug/l	0.2	0.02	< 2.96	< 0.74	< 2.96	< 0.74	< 2.96	< 2.96
1,2-Dibromoethane (EDB)	ug/l	0.05	0.005	< 0.34	< 0.39	< 0.34	< 0.39	< 0.34	< 0.34
1,2-Dichlorobenzene	ug/l	600	60	< 0.86	< 0.4	< 0.86	< 0.4	< 0.86	< 0.86
1,2-Dichloroethane	ug/l	5	0.5	< 0.25	< 0.43	< 0.25	< 0.43	< 0.25	< 0.25
1,2-Dichloropropane	ug/l	5	0.5	< 0.44	< 0.39	< 0.44	< 0.39	< 0.44	< 0.44
1,3,5-Trimethylbenzene	ug/l	NL	NL	< 0.63	< 0.41	< 0.63	< 0.41	< 0.63	< 0.63
1,3-Dichlorobenzene	ug/l	600	120	< 0.85	< 0.35	< 0.85	< 0.35	< 0.85	< 0.85
1,3-Dichloropropane	ug/l	NL	NL	< 0.3	< 0.38	< 0.3	< 0.38	< 0.3	< 0.3
1,4-Dichlorobenzene	ug/l	75	15	< 0.7	< 0.49	< 0.7	< 0.49	< 0.7	< 0.7
2,2-Dichloropropane	ug/l	NL	NL	NA	NA	NA	NA	NA	NA
2-Butanone (MEK)	ug/l	4000	800	NA	NA	NA	NA	NA	NA
2-Chlorotoluene	ug/l	NL	NL	< 0.31	< 0.34	< 0.31	< 0.34	< 0.31	< 0.31
4-Chlorotoluene	ug/l	NL	NL	< 0.26	< 0.4	< 0.26	< 0.4	< 0.26	< 0.26
4-Methyl-2-pentanone (MIBK)	ug/l	500	50	NA	NA	NA	NA	NA	NA
Acetone	ug/l	9000	1800	NA	NA	NA	NA	NA	NA
Benzene	ug/l	5	0.5	< 0.22	< 0.3	< 0.22	< 0.3	< 0.22	< 0.22
Bromobenzene	ug/l	NL	NL	< 0.44	< 0.34	< 0.44	< 0.34	< 0.44	< 0.44
Bromochloromethane	ug/l	NL	NL	NA	NA	NA	NA	NA	NA
Bromodichloromethane	ug/l	0.6	0.06	< 0.33	< 0.36	< 0.33	< 0.36	< 0.33	< 0.33
Bromoform	ug/l	4.4	0.44	< 0.45	< 0.42	< 0.45	< 0.42	< 0.45	< 0.45
Bromomethane	ug/l	10	1	NA	NA	NA	NA	NA	NA
Carbon disulfide	ug/l	1000	200	NA	NA	NA	NA	NA	NA
Carbon tetrachloride	ug/l	5	0.5	< 0.31	< 0.34	< 0.31	< 0.34	< 0.31	< 0.31
Chlorobenzene	ug/l	100	20	< 0.26	< 0.29	< 0.26	< 0.29	< 0.26	< 0.26
Chloroethane	ug/l	400	80	< 0.61	< 0.62	< 0.61	< 0.62	< 0.61	< 0.61
Chloroform	ug/l	6	0.6	< 0.26	< 0.33	< 0.26	< 0.33	< 0.26	< 0.26
Chloromethane	ug/l	30	3	< 0.54	< 0.74	< 0.54	< 0.74	< 0.54	< 0.54
cis-1,2-Dichloroethene	ug/l	70	7	< 0.37	< 0.32	< 0.37	< 0.32	< 0.37	< 0.37
cis-1,3-Dichloropropene	ug/l	0.4	0.04	< 0.26	< 0.41	< 0.26	< 0.41	< 0.26	< 0.26
Dibromochloromethane	ug/l	60	6	< 0.22	< 0.36	< 0.22	< 0.36	< 0.22	< 0.22
Dibromomethane	ug/l	NL	NL	NA	NA	NA	NA	NA	NA
Dichlorodifluoromethane	ug/l	1000	200	< 0.32	< 0.3	< 0.32	< 0.3	< 0.32	< 0.32
Ethylbenzene	ug/l	700	140	< 0.26	< 0.33	< 0.26	< 0.33	< 0.26	< 0.26
Hexachloro-1,3-butadiene	ug/l	NL	NL	< 1.34	< 0.81	< 1.34	< 0.81	< 1.34	< 1.34
Hexane	ug/l	NL	NL	NA	NA	NA	NA	NA	NA
Isopropyl ether	ug/l	NL	NL	< 0.21	< 0.48	< 0.21	< 0.48	< 0.21	< 0.21
Isopropylbenzene (Cumene)	ug/l	NL	NL	< 0.78	< 0.34	< 0.78	< 0.34	< 0.78	< 0.78
m,p-Xylenes	ug/l	NL	NL	< 0.43	< 0.64	< 0.43	< 0.64	< 0.43	< 0.43
Methylene Chloride	ug/l	5	0.5	< 1.32	< 0.79	< 1.32	< 0.79	< 1.32	< 1.32
Methyl-tert-butyl ether	ug/l	60	12	< 0.28	< 0.47	< 0.28	< 0.47	< 0.28	< 0.28
Naphthalene	ug/l	100	10	< 2.1	< 1.4	< 2.1	< 1.4	< 2.1	< 2.1
n-Butylbenzene	ug/l	NL	NL	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71	< 0.71
n-Propylbenzene	ug/l	NL	NL	< 0.61	< 0.39	< 0.61	< 0.39	< 0.61	< 0.61
o-Xylene	ug/l	NL	NL	< 0.29	< 0.37	< 0.29	< 0.37	< 0.29	< 0.29
p-Isopropyltoluene	ug/l	NL	NL	< 0.24	< 0.47	< 0.24	< 0.47	< 0.24	< 0.24
sec-Butylbenzene	ug/l	NL	NL	< 0.79	< 0.33	< 0.79	< 0.33	< 0.79	< 0.79
Styrene	ug/l	100	10	NA	NA	NA	NA	NA	NA
tert-Butylbenzene	ug/l	NL	NL	< 0.25	< 0.37	< 0.25	< 0.37	< 0.25	< 0.25
Tetrachloroethene	ug/l	5	0.5	< 0.38	< 0.47	< 0.38	< 0.47	< 0.38	< 0.38
Tetrahydrofuran	ug/l	50	10	NA	NA	NA	NA	NA	NA
Toluene	ug/l	800	160	< 0.19	< 0.33	< 0.19	< 0.33	< 0.19	< 0.19
Total Trimethylbenzene	ug/l	480	96	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	ug/l	100	20	< 0.34	< 0.5	< 0.34	< 0.5	< 0.34	< 0.34
trans-1,3-Dichloropropene	ug/l	0.4	0.04	< 0.32	< 0.41	< 0.32	< 0.41	< 0.32	< 0.32
Trichloroethene	ug/l	5	0.5	< 0.3	< 0.38	< 0.3	< 0.38	< 0.3	< 0.3
Trichlorofluoromethane	ug/l	3490	698	< 0.35	< 0.33	< 0.35	< 0.33	< 0.35	< 0.35
Vinyl chloride	ug/l	0.2	0.02	< 0.2	< 0.15	< 0.2	< 0.15	< 0.2	< 0.2
Xylene (Total)	ug/l	2000	400	< 0.43	NA	< 0.43	NA	< 0.43	< 0.43

**SUMMARY OF VOC CONTAMINATES ANALYZED IN POTABLE WELLS
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN**

NOTES:

⁽¹⁾ Enforcement Standard from NR140, March 2023.

⁽²⁾ Preventive Action Limit from NR140, March 2023.

⁽³⁾ Sample Collected by the WDNR.

⁽⁴⁾ Sample Collected by the Property Owner.

DUP - Field duplicate sample

NL - ES or PAL not listed in NR140.

NA - Not analyzed.

J - Compound was detected at a concentration between the limit of detection (LOD) and the limit of quantitation (LOQ).

Bold indicates a PAL exceedance.

Bold and underlining indicates an ES exceedance.

All locations that have been connected to city water have been removed from this table. The historical data has been preserved in previous versions of this report.

Table 3
SUMMARY OF THE AREA WIDE VOC FIVE YEAR POTABLE WELL SAMPLING PLAN

Well Address	Map Color Code	Date of Previous Sampling Event	2023		2024		2025		2026		2027	
			May	October	May	October	May	October	May	October	May	October
Target Zone Wells (semi-annual sampling)												
1512 and 1514 Lone Oak LN (Duplex)		Jun 2023	1	1	1	1	1	1	1	1	1	1
1703 LONE OAK LN		Jun 2023	1	1	1	1	1	1	1	1	1	1
2406, 2414 and 2512 Birch Rd (Shared Well)		Jun 2023	1	1	1	1	1	1	1	1	1	1
2501 Nelson Lane		Jun 2023	1	1	1	1	1	1	1	1	1	1
2706 CTH CR		Jun 2023	1	1	1	1	1	1	1	1	1	1
3027 Orchard Ln		Jun 2023	1	1	1	1	1	1	1	1	1	1
3310 S 19TH ST		Jun 2023	1	1	1	1	1	1	1	1	1	1
3327 Hecker Rd		Nov 2022	1	1	1	1	1	1	1	1	1	1
3461(3417) Hecker Rd		Jun 2023	1	1	1	1	1	1	1	1	1	1
3702 Hecker Rd		Nov 2022	1	1	1	1	1	1	1	1	1	1
4024 CTH CR		Jun 2023	1	1	1	1	1	1	1	1	1	1
4114 CTH CR		Nov 2022	1	1	1	1	1	1	1	1	1	1
4141 Viebahn St. / 2717 CTH CR (non-Potable Well & City water)		Jun 2023	1	1	1	1	1	1	1	1	1	1
4159 Silver Creek Rd		Jun 2023	1	1	1	1	1	1	1	1	1	1
Target Zone Sentinel Wells (Annual sampling)												
1521 LONE OAK LN		Jun 2023	1		1		1		1		1	
1704 LISSA LN		Jun 2023	1				1		1		1	
1710 LISSA LN		Jun 2023	1		1		1		1		1	
1817 VIEBAHN ST		Not Sampled Yet	1		1		1		1		1	
1821 VIEBAHN ST		Jun 2023	1		1		1		1		1	
2327 BIRCH RD		Not Sampled Yet	1		1		1		1		1	
2407 ELM RD		Jun 2023	1		1		1		1		1	
2408 Elm Road		Jun 2023	1		1		1		1		1	
2417 Elm Road		Jun 2023	1		1		1		1		1	
2507 NELSON LN		Nov 2019	1		1		1		1		1	
2508 NELSON LN		Jun 2023	1		1		1		1		1	
2514 Elm Road		June 2021	1		1		1		1		1	
2515 NELSON LN		Not Sampled Yet	1		1		1		1		1	
2611 VIEBAHN		Not Sampled Yet	1		1		1		1		1	
2733 S 19TH ST		Jun 2023	1		1		1		1		1	
2803 ORCHARD		Not Sampled Yet	1		1		1		1		1	
2811 S 15TH ST		Jun 2023	1		1		1		1		1	
2815 S 15TH ST		May 2021	1		1		1		1		1	
2833 S 19TH ST		Jun 2023	1		1		1		1		1	
2911 CTH CR		Jun 2023	1		1		1		1		1	
2915 S 26TH St		Jun 2022	1		1		1		1		1	
3021 S 26TH ST		Jun 2022	1		1		1		1		1	
3113 S 15TH ST		Jun 2023	1		1		1		1		1	
3202 S 19TH ST		Jun 2023	1		1		1		1		1	
3203 S 26TH St		Jun 2023	1		1		1		1		1	
3205 LONE OAK LN		Jun 2023	1		1		1		1		1	
3210 S 19TH ST		Jun 2023	1		1		1		1		1	
3212 S 26TH ST		Not Sampled Yet	1		1		1		1		1	
3224 CTH CR		Jun 2022	1		1		1		1		1	
3304 S 15TH ST		Jun 2023	1		1		1		1		1	
3304 S 19TH ST		Jun 2023	1		1		1		1		1	
3305 S 15TH ST		Jun 2022	1		1		1		1		1	
3307 S 19TH ST		Jun 2023	1		1		1		1		1	
3312 CTH CR		Jun 2023	1		1		1		1		1	
3315 and 3327 CIMMARON CT (Shared Well)		Jun 2023	1		1		1		1		1	
3320 Hecker Rd		Jun 2023	1		1		1		1		1	
3322 CTH CR		Jun 2023	1		1		1		1		1	
3406 CIMARRON CT and 2328 Jenny Rd (Shared Well)		Jun 2023	1		1		1		1		1	
3412 CTH CR		Jun 2023	1		1		1		1		1	
3422 CTH CR		Jun 2023	1		1		1		1		1	
3523 CTH CR		Jun 2023	1		1		1		1		1	
3533 CTH CR		Jun 2023	1		1		1		1		1	
3611 CTH CR		Jun 2023	1		1		1		1		1	
3626 CTH CR/3626 CTH CR #B		Jun 2023	1		1		1		1		1	
3627 CTH CR		Jun 2023	1		1		1		1		1	
3825 Viebahn St		Jun 2023	1		1		1		1		1	

Well Address	Map Color Code	Date of Previous Sampling Event	2023		2024		2025		2026		2027	
			May	October	May	October	May	October	May	October	May	October
Sentinel Zone 3-Year Wells (sample every 3rd year)												
1617 LISSA LN	●	May 2021			1						1	
1701 LISSA LN	●	Jun 2023	1						1			May 2029
1709 LISSA LN	●	Nov 2019					1					May 2028
1718 JENNY RD	●	Jun 2023	1						1			May 2029
1804 JENNY RD	●	Jun 2022					1					May 2028
1805 LISSA LN	●	Jun 2023	1						1			May 2029
2403 JENNY RD	●	Jun 2022					1					May 2028
2716 CTH CR	●	May 2020	1						1			May 2029
3118 S 10TH ST	●	Nov 2022						1				May 2028
3128 Orchard Ln	●	May 2021			1							1
3315 S 19TH ST	●	Jun 2022						1				May 2028
3318 Orchard Ln	●	Oct 2016			1							1
3319 JENNY RD	●	Jun 2023	1						1			May 2029
3319 S 19TH ST	●	Jun 2023	1						1			May 2029
3321 JENNY RD	●	Jun 2023	1						1			May 2029
3323 S 26TH ST	●	Nov 2019						1				May 2028
3326 S 15TH ST	●	May 2021			1							1
3407 S 26TH ST	●	Jun 2023	1						1			May 2029
3425/3427 Cimarron CT (Duplex) (shared well)	●	Jun 2023	1						1			May 2029
3430 and 3508 CIMARRON CT (Shared Well)	●	Jun 2022						1				May 2028
3625 Hecker Rd	●	Jun 2022						1				May 2028
3812 Silver Creek Rd	●	Jan 2016			1							1
3818 SILVER CREEK RD	●	May 2021			1							1
3902 Silver Creek Rd	●	Jun 2022						1				May 2028
3904 CTH CR	●	May 2017						1				May 2028
4004 Silver Creek Rd	●	May 2021			1							1
4101 CTH CR	●	June 2021			1							1
4156 Silver Creek Rd	●	March 2016						1				May 2028
4236 Silver Creek Rd/4220 Silver Creek Rd/4212 Silver Creek Rd (3 properties share Well)	●	May 2017						1				May 2028
4314 Silver Creek Rd	●	May 2021			1							1
Sentinel Zone 5-Year Wells (sample every 5th year)												
1801 JENNY RD	●	Nov 2019			1							May 2029
1807 JENNY RD	●	June 2021							1			May 2031
2505 JENNY RD	●	June 2021							1			May 2031
3121 Hecker Rd	●	Jun 2022										1
3405 S 15TH ST	●	Oct 2020						1				May 2030
3408 S 15TH ST	●	Nov 2019			1							May 2029
3415 S 15TH ST	●	Nov 2019			1							May 2029
3420 Orchard Ln	●	Jun 2022										1
3421 S 15TH ST	●	Dec 2019			1							May 2029
3429 S 19TH ST	●	Dec 2019			1							May 2029
3503 S 19TH ST	●	Nov 2019			1							May 2029
3505 S 26TH ST	●	Nov 2019			1							May 2029
3510 S 26TH ST	●	Nov 2019			1							May 2029
3511 S 19TH ST	●	Dec 2019			1							May 2029
3517 S 26TH ST	●	May 2021							1			May 2031
3518 SILVER CREEK RD	●	Dec 2019			1							May 2029
3509/3511 Cimarron CT (Duplex) and 3521/3523 Cimarron CT (Duplex) (Shared Well)	●	Not Sampled Yet	1									May 2028
3537/3539 Cimarron CT (Duplex) (Shared Well)	●	Not Sampled Yet	1									May 2028
3524 Orchard Ln	●	Jun 2022										1
3526 S 26TH ST	●	Nov 2019			1							May 2029
3529 S 26TH ST	●	Nov 2019			1							May 2029
3538 CIMARRON CT	●	Not Sampled Yet	1									May 2028
3616 SILVER CREEK RD	●	Jun 2023	1									May 2028
3627 Hecker Rd	●	Jun 2023	1									May 2028
3710 Silver Creek Rd	●	May 2017	1									May 2028
3720 Hecker Rd	●	Jun 2022										1
3780 Silver Creek Rd	●	Jun 2023	1									May 2028
3802 Silver Creek Rd	●	Jun 2023	1									May 2028
4125 CTH CR	●	Jun 2023	1									May 2028
4219 Viebahn St	●	Jun 2022										1
4315 Silver Creek Rd	●	Jun 2023	1									May 2028
Replacement Wells (sample every 5th year)												
3504 CTH CR	●	Nov 2021							1			May 2030
3023 CTH CR	●	Jun 2023	1									May 2028
3120 CTH CR	●	Nov 2021							1			May 2030
3403 CTH CR	●	Nov 2022										1
3303 Hecker Rd	●	May 2020						1				May 2030
3515 Hecker Rd	●	May 2020						1				May 2030
3518 Hecker Rd	●	May 2020						1				May 2030
3609 Hecker Rd	●	May 2020						1				May 2030

TABLE 3
SUMMARY OF THE AREA WIDE VOC FIVE YEAR POTABLE WELL SAMPLING PLAN
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Well Address	Map Color Code	Date of Previous Sampling Event	2023		2024		2025		2026		2027	
			May	October	May	October	May	October	May	October	May	October
Historically Sampled Wells												
1108 CREEK TRL	▲	Nov 2019										
1110 LAKE LN	▲	Nov 2019										
1125 SILVER CREEK RD	▲	Nov 2019										
1202 SILVER CREEK RD	▲	Nov 2019										
1207 CREEK TRL	▲	Nov 2019										
1219 SILVER CREEK RD	▲	Nov 2019										
1315 SILVER CREEK RD	▲	Nov 2019										
1404 and 1412 SILVER CREEK RD (Shared Well)	▲	Nov 2019										
1423 SILVER CREEK RD	▲	Nov 2019										
1428 SILVER CREEK RD	▲	Nov 2019										
1507 SILVER CREEK RD	▲	Nov 2019										
1602 SILVER CREEK RD	▲	Nov 2019										
1702 SILVER CREEK RD	▲	Nov 2019										
1703 SILVER CREEK RD	▲	Nov 2019										
1716 SILVER CREEK RD	▲	March 2020										
1717 SILVER CREEK RD	▲	Nov 2019										
1805 SILVER CREEK RD	▲	Feb 2020										
1811 SILVER CREEK RD	▲	Nov 2019										
1822 SILVER CREEK RD	▲	Nov 2019										
1906 SILVER CREEK RD	▲	Nov 2019										
1909 SILVER CREEK RD	▲	Nov 2019										
2218 SILVER CREEK RD	▲	Nov 2019										
2224 SILVER CREEK RD	▲	Nov 2019										
2304 SILVER CREEK RD	▲	Nov 2019										
2312 SILVER CREEK RD	▲	Nov 2019										
2402 SILVER CREEK RD	▲	Nov 2019										
2408 SILVER CREEK RD	▲	Nov 2019										
2608 SILVER CREEK RD	▲	June 2020										
2706 SILVER CREEK RD	▲	Nov 2019										
2918 SILVER CREEK RD	▲	Nov 2019										
2925 Fricke Dr.	▲	Feb 2013										
3107 Fricke Dr	▲	Dec 2013										
3114 Hecker Rd	▲	May 2020										
3116 SILVER CREEK RD	▲	Dec 2019										
3222 SILVER CREEK RD	▲	Nov 2019										
3302 SILVER CREEK RD	▲	Nov 2019										
3316 SILVER CREEK RD	▲	Nov 2019										
3406 SILVER CREEK RD	▲	Nov 2019										
3413 S 10TH ST	▲	Nov 2019										
3424 SILVER CREEK RD	▲	Nov 2019										
3523 Orchard Ln	▲	May 2014										
3533 S 10TH ST	▲	Dec 2019										
3602 S 19TH ST	▲	Dec 2019										
3603 10TH ST	▲	Nov 2019										
3604 SILVER CREEK RD	▲	Dec 2019										
3609 M and M Ln	▲	Dec 2013										
3610 Gass Lake	▲	Feb 2013										
3612 S 19TH ST	▲	Dec 2019										
3615 S 15TH ST	▲	Nov 2019										
3615 S 26TH ST	▲	Nov 2019										
3616 S 10TH ST	▲	Feb 2020										
3627 S 15TH ST	▲	Dec 2019										
3627 S 26TH ST	▲	Nov 2019										
3632 S 10TH ST	▲	Dec 2019										
3708 S 15TH ST	▲	Nov 2019										
3709 S 15TH ST	▲	Nov 2019										
3712 S 15TH ST	▲	Dec 2019										
3712 S 10TH ST	▲	Feb 2020										
3717 S 15TH ST	▲	Nov 2019										
3717 M and M Ln	▲	Feb 2013										
3719 S 26TH ST	▲	June 2020										
3720 S 26TH ST	▲	Nov 2019										
3722 S 15TH ST	▲	Nov 2019										
3723 S 19TH ST	▲	Nov 2019										
3727 S 15TH ST	▲	Dec 2019										
3804 S 15TH ST	▲	Dec 2019										
3805 S 15TH ST	▲	Nov 2019										
3809 S 19TH ST	▲	Nov 2019										
3813 S 15TH ST	▲	Nov 2019										
3819 S 15TH ST	▲	Dec 2019										
3821 S 19TH ST	▲	Nov 2019										
3835 S 10TH ST	▲	Nov 2019										
3840 M and M Ln	▲	Feb 2013										
3917 S 18TH ST	▲	Nov 2019										
3917 S 21ST ST	▲	Nov 2019										
3933 S 18TH ST	▲	Nov 2019										
4002 S 21ST ST	▲	Dec 2019										
4007 S 18TH ST	▲	Nov 2019										
4008 S 18TH ST	▲	Nov 2019										
4017 S 26TH ST	▲	Nov 2019										

Wells are typically non-detected wells that can be upgradient, sidegradient or downgradient wells. Some of the downgradient wells may be added if sentinel wells indicate sampling.

Well Address	Map Color Code	Date of Previous Sampling Event	2023		2024		2025		2026		2027	
			May	October	May	October	May	October	May	October	May	October
4018 S 21ST ST	▲	Nov 2019										
4019 S 10TH ST	▲	Nov 2019										
4030 S 21ST ST	▲	Nov 2019										
4031 S 18TH ST	▲	Dec 2019										
4120 S 21ST ST	▲	Nov 2019										
4132 S 26TH ST	▲	Nov 2019										
4181 S 21ST ST	▲	Nov 2022										
4201 S 26TH ST	▲	Nov 2019										
4215 S 10TH ST	▲	Nov 2019										
4218 S 10TH ST	▲	Dec 2019										
4219 S 10TH ST	▲	Nov 2019										
4229 S 10TH ST	▲	Nov 2019										
4309 S 10TH ST	▲	Dec 2019										
4316 S 10TH ST	▲	Nov 2019										
4317 S 10TH ST	▲	Nov 2019										
4325 S 10TH ST	▲	Nov 2019										
4403 S 10TH ST	▲	Dec 2019										
4410 S 10TH ST	▲	Nov 2019										
4412/4416/4422/4426/4430/4432/4434/4440 S 10TH ST (Shared Well)	▲	Nov 2019										
4513 S 10TH ST	▲	Nov 2019										
4609 Silver Creek Rd	▲	June 2014										
4620 Silver Creek Rd (two wells)	▲	May 2014										
4752 Silver Creek Rd	▲	June 2014										
4808 Silver Creek Rd	▲	May 2014										
5107 Viebahn St	▲	Dec 2013										
5202 Silver Creek Rd	▲	Dec 2013										
Former Potable Wells Now Connected to City Water												
1511 and 1513 Lone Oak LN (Condo)	○	Jun 2022										
2201 Elm Road	○	Jun 2022										
2322 ELM RD	○	Jun 2022										
2732 S 15TH ST	○	Jun 2022										
2734(2804) CTH CR	○	Oct 2015										
2805 S 19TH ST	○	Jun 2022										
2806 S 15TH ST	○	Jun 2022										
2812 S 15TH ST	○	Jun 2022										
2820 S 15TH ST	○	Jun 2022										
2821 S 19TH ST	○	Jun 2022										
2823 S 15TH ST	○	Jun 2022										
2824, 2828, 2904 S 19TH ST (Shared Well)	○	Jun 2022										
2826 S 15TH ST	○	Jun 2022										
2827 S 15TH ST	○	Jun 2022										
2832 and 2904 CTH CR (Shared Well)	○	Oct 2019										
2834 S 15TH ST	○	Jun 2022										
2908 S 15TH ST	○	Jun 2022										
2911 S 15TH ST	○	Jun 2022										
2912 S 15TH ST	○	Jun 2022										
2916 CTH CR	○	Oct 2015										
2917 CTH CR	○	Oct 2015										
2917 S 19TH ST	○	Jun 2022										
2918 S 19TH ST	○	Jun 2022										
2918 S 26TH St	○	May 2019										
2929 S 19TH ST	○	Jun 2022										
2930 S 19TH ST	○	June 2021										
3003 S 19TH ST	○	Jun 2022										
3006 and 3008 19th ST (Condo)	○	Jun 2022										
3008 S 26TH St	○	Jun 2022										
3011 S 19TH ST	○	Jun 2022										
3019 S 15TH ST	○	Nov 2021										
3019 S 19TH ST	○	Jun 2022										
3020 S 15TH ST	○	Jun 2022										
3027 S 15TH ST	○	Jun 2022										
3028 S 15TH ST	○	Jun 2022										
3107 S 15TH ST	○	Jun 2022										
3109 S 19TH ST	○	Nov 2021										
3123 S 19TH ST	○	Jun 2022										
3125 LONE OAK LN	○	Jun 2022										
3126 S 15TH ST	○	Jun 2022										
3127 S 15TH ST	○	Jun 2022										

Wells are typically non-detected wells that can be upgradient, sidegradient or downgradient wells. Some of the downgradient wells may be added if sentinel wells indicate sampling.

City Water Provided - No Potable Well Sampling Required



TABLE 3
SUMMARY OF THE AREA WIDE VOC FIVE YEAR POTABLE WELL SAMPLING PLAN
FORMER TOWN OF NEWTON GRAVEL PIT
MANITOWOC, WISCONSIN

Well Address	Map Color Code	Date of Previous Sampling Event	2023		2024		2025		2026		2027	
			May	October	May	October	May	October	May	October	May	October
3131 S 15TH ST and 3201 S 15TH ST (Shared Well)	○	Jun 2022										
3202 S 15TH ST	○	Jun 2022										
3205 S 19TH ST	○	Jun 2022										
3206 LONE OAK LN	○	Jun 2022										
3207 and 1520 Lone Oak LN (Condo)	○	Jun 2022										
3208 LONE OAK LN	○	Jun 2022										
3209 S 15TH ST and 3217 S 15TH ST (Shared Well)	○	Jun 2022										
3225 S 26TH ST	○	Jun 2022										
3301 S 15th St	○	Jun 2022										
3318 and 3328 CIMARRON CT (Shared Well)	○	Jun 2022										
3401, 3403 and 3413 CIMARRON CT (Shared Well)	○	Jun 2022										
3617(3621) Viebahn St	○	March 2016										
3618 CTH CR	○	Jun 2022										
3701 Viebahn St	○	Oct 2015										
3815 Viebahn St	○	Oct 2015										
3817 Viebahn St	○	Jun 2022										
3911 Black Hawk Ct	○	Jun 2022										
3921 Black Hawk Ct	○	Nov 2021										
4002 Thunder Ridge Rd	○	Oct 2016										
4005 Thunder Ridge Rd	○	May 2017										
4010 Thunder Ridge Rd	○	May 2017										
4025 Viebahn St	○	Oct 2015										
4027 Thunder Ridge Rd	○	Jun 2022										
4101 Thunder Ridge Rd	○	Jun 2022										
4101 Viebahn St	○	Oct 2015										
4111 Thunder Ridge Rd	○	Jun 2022										
4127 Thunder Ridge Rd	○	Jun 2022										
4141 Viebahn St. / 2717 CTH CR (non-Potable Well & City water)	○	May 2020										
Wells Sampled Per Event			79	14	81	14	76	14	74	14	63	14

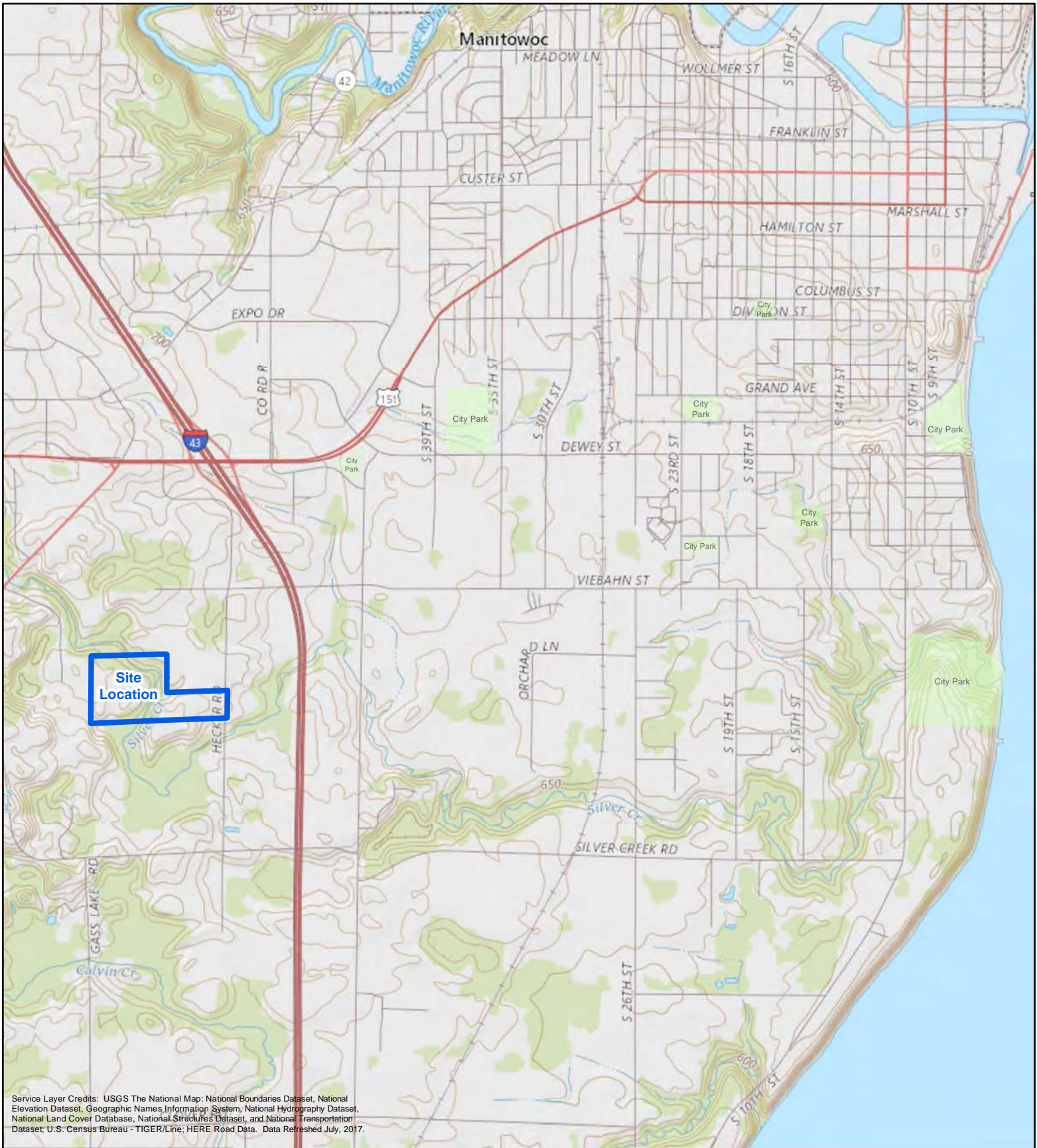
City Water Provided - No Potable Well Sampling Required

Figures

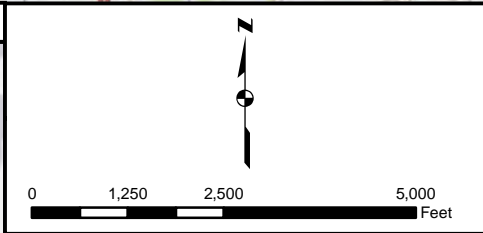
Figure 1; Site Location Map

Figure 2; June 2023 VOC Potable Well Sampling Results

Figure 2A; June 2023 VOC Potable Well Sampling Results



Service Layer Credits: USGS The National Map: National Boundaries Dataset, National Elevation Dataset, Geographic Names Information System, National Hydrography Dataset, National Land Cover Database, National Structures Dataset, and National Transportation Dataset; U.S. Census Bureau - TIGER/Line; HERE Road Data. Data Refreshed July, 2017.



FORMER NEWTON GRAVEL PIT

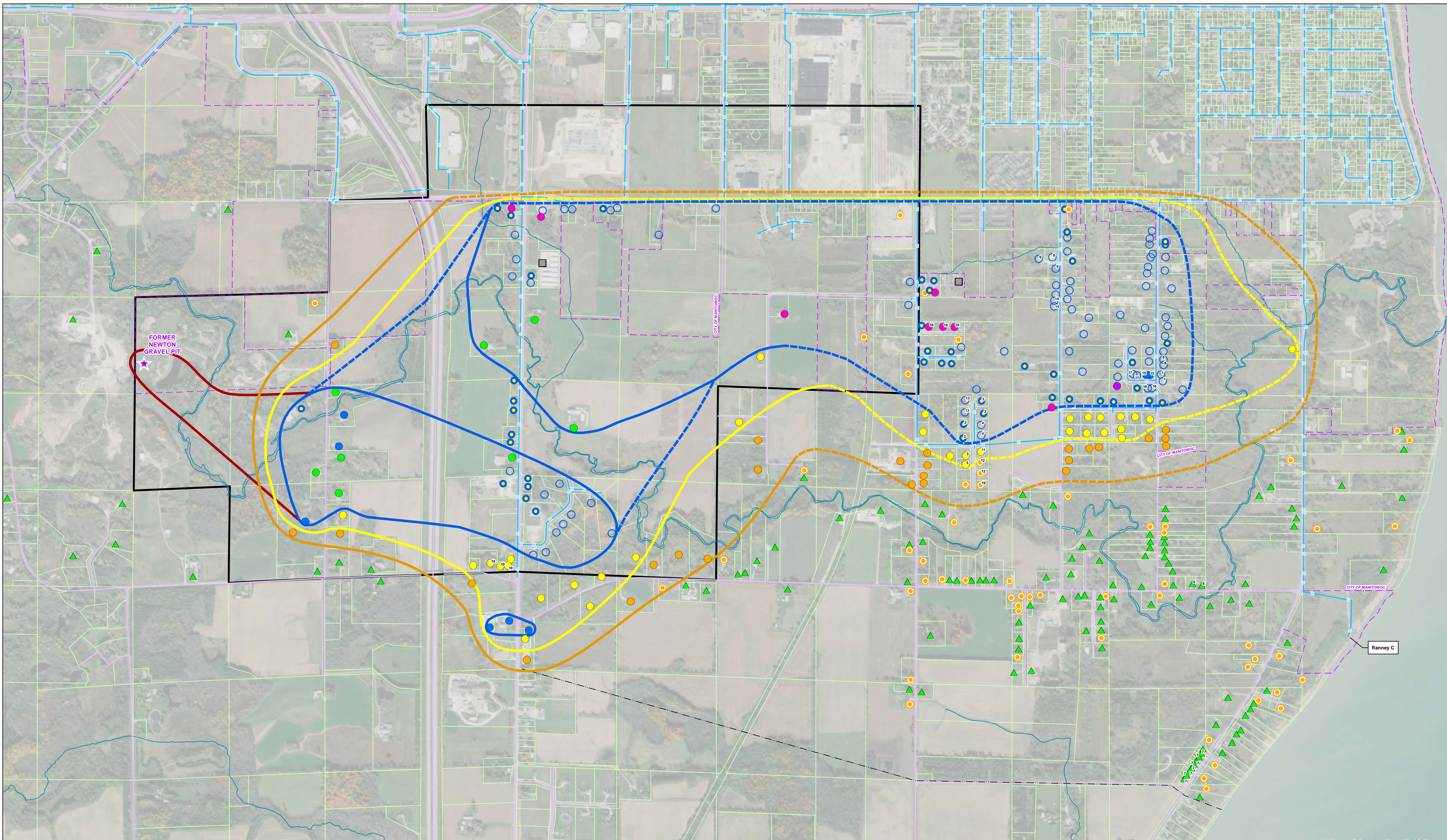
SITE LOCATION MAP

AECOM - Milwaukee Office
1555 River Center Dr
Milwaukee WI



Project No. 60135471 Drawn By: RW Date: June 2018

Figure 1



Legend			
● (Pink)	Target Zone Well - Vinyl Chloride ES Exceedance	● (Green)	Replacement Well Within Target Zone, With No Detects
● (Purple)	Target Zone Well - VOC PAL Exceedance	▲ (Green)	Historically Sampled Wells, With No Detects
● (Blue)	Target Zone Well - VOC Detection	○ (Orange)	Never Been Sampled
○ (Blue)	Target Zone Well on City Water	★ (Purple)	Site Location
● (Blue)	Target Zone Sentinel Wells, No Detects or Not Sampled	■ (Grey)	Well Out Of Service
● (Yellow)	Sentinel Zone Well - 3 Year, No Detects or Not Sampled	— (Blue)	Target Zone
● (Orange)	Sentinel Zone Well - 5 Year, No Detects or Not Sampled	— (Red)	Former Gravel Pit Zone
— (Blue Dashed)	Inferred Target Zone	— (Black Dashed)	DNR Special Well Casing Depth Area
— (Yellow Dashed)	3 Year Sentinel Zone	— (Blue)	Utility Water Lines
— (Yellow Dashed)	Inferred 3 Year Sentinel Zone	— (Purple)	Road Centerlines
— (Orange Dashed)	5 Year Sentinel Zone	— (Blue)	Streams
— (Orange Dashed)	Inferred 5 Year Sentinel Zone	— (Purple Dashed)	City of Manitowoc Boundary
— (Red)	Former Gravel Pit Zone	— (Black)	Parcels
— (Black Dashed)	Expanded Sampling Limits		

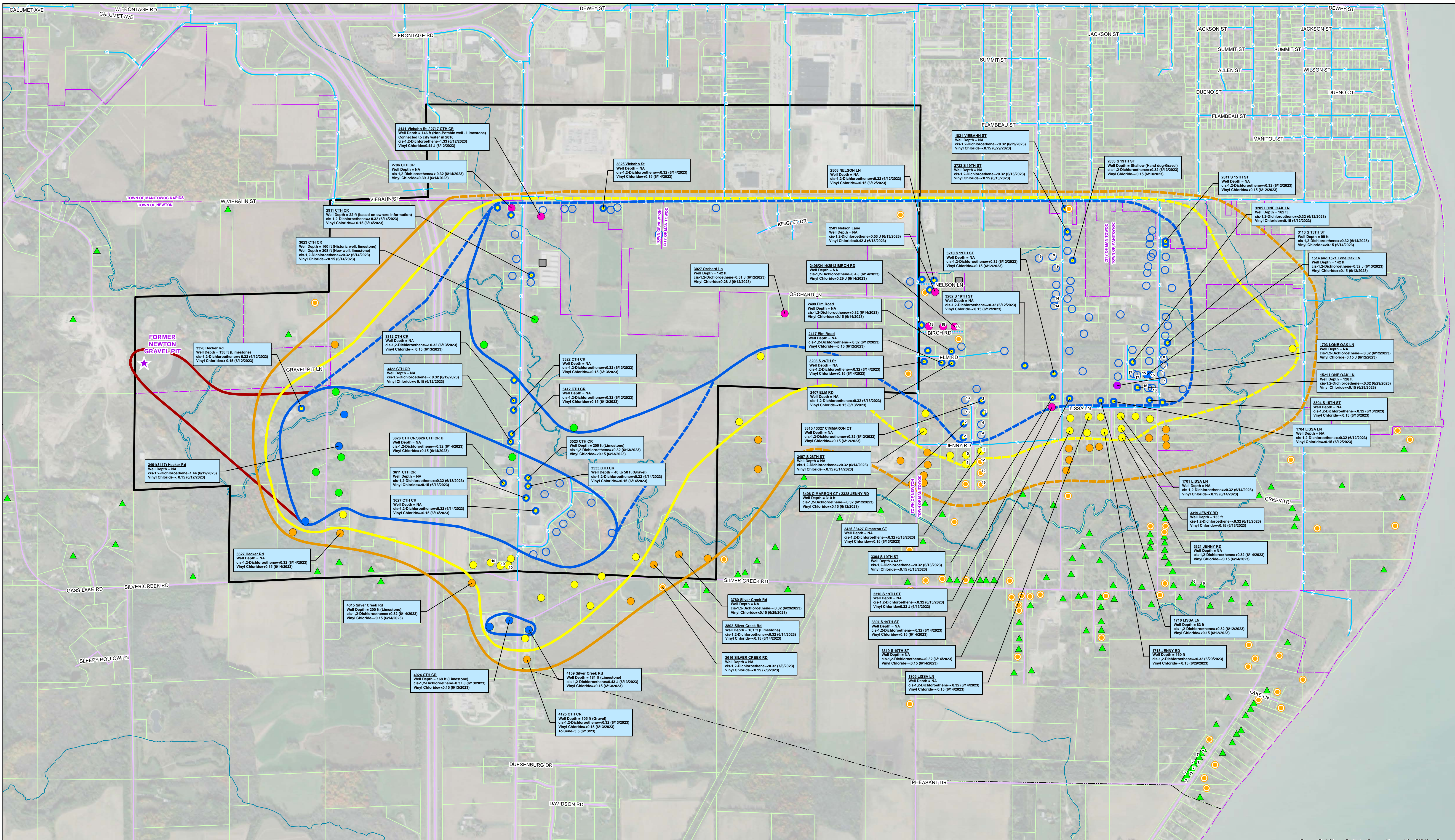
NOTES:
 1. Potable well Volatile Organic Compounds (VOCs) of Concern for the Former Newton Gravel Pit Project are shown. All VOCs are identified in the report.



AECOM
 Milwaukee Office
 1555 River Center Dr
 Milwaukee WI

FORMER NEWTON GRAVEL PIT	
JUNE 2023	
VOC POTABLE WELL SAMPLING RESULTS	
Project No. 60135471	Date: September 2023
FIGURE 2	

Source: Esri, Maxar, Earthstar Geographics, and the GIS User Community



Legend

- Target Zone Well - Vinyl Chloride ES Exceedance
- Target Zone Well - VOC PAL Exceedance
- Target Zone Well - COC of VOC Detection
- Target Zone Well on City Water
- Target Zone Sentinel Wells, No Detects or Not Sampled
- Sentinel Zone Well - 3 Year, No Detects or Not Sampled
- Sentinel Zone Well - 5 Year, No Detects or Not Sampled
- Replacement Well Within Target Zone, With No Detects
- Historically Sampled Wells, With No Detects
- Never Been Sampled
- Site Location
- Well Out Of Service
- Target Zone
- Inferred Target Zone
- 3 Year Sentinel Zone
- Inferred 3 Year Sentinel Zone
- 5 Year Sentinel Zone
- Inferred 5 Year Sentinel Zone
- Former Gravel Pit Zone
- Expanded Sampling Limits
- Utility Water Line
- Proposed Utility Water Line
- DNR Special Well Casing Depth Area
- Streams
- Municipality Boundaries
- Parcels

AECOM
 Milwaukee Office
 1555 River Center Dr
 Milwaukee WI

AECOM

FORMER NEWTON GRAVEL PIT

JUNE 2023

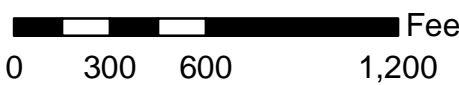
VOC POTABLE WELL SAMPLING RESULTS

Project No. 60135471

Date: September 2023

FIGURE 2A

NOTES:
 1. Units are presented in micrograms per Liter (ug/L).
 2. Well Depth is unknown if not included in Label.
 3. Potable well Volatile Organic Compounds (VOCs) of Concern for the Former Newton Gravel Pit Project are shown. All VOCs are identified in the report.



Appendix A - VOC Laboratory Reports

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

DAVE HENDERSON
AECOM
1555 N RIVERCENTER DRIVE
MILWAUKEE, WI 53212

Report Date 22-Jun-23

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545A
Sample ID 3027 ORCHARD
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	3
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	0.51 "J"	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545A
Sample ID 3027 ORCHARD
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	3
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	3
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	3
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	3
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	0.28 "J"	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	86	REC %			1	8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	86	REC %			1	8260B		6/16/2023	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545B
Sample ID 2717 CTH CR/4141 VIEBA
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	1.33	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545B
Sample ID 2717 CTH CR/4141 VIEBA
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/16/2023	6/16/2023	CJR	1
Vinyl Chloride	0.44 "J"	ug/l	0.15	0.61	1	8260B	6/16/2023	6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/16/2023	6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - Toluene-d8	96	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - Dibromofluoromethane	83	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	86	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545C
 Sample ID 3461 HECKER
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	1.44	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545C
Sample ID 3461 HECKER
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/16/2023	6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/16/2023	6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/16/2023	6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	91	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - Dibromofluoromethane	86	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - Toluene-d8	102	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545D
Sample ID 3205 LONE OAK
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	6/16/2023	6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	6/16/2023	6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	6/16/2023	6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	6/16/2023	6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	6/16/2023	6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	6/16/2023	6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	6/16/2023	6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B	6/16/2023	6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B	6/16/2023	6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B	6/16/2023	6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B	6/16/2023	6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B	6/16/2023	6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545D
Sample ID 3205 LONE OAK
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/16/2023	6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/16/2023	6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/16/2023	6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	88	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	86	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - Dibromofluoromethane	85	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545E
 Sample ID 2508 NELSON
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	6/16/2023	6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	6/16/2023	6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	6/16/2023	6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	6/16/2023	6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	6/16/2023	6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	6/16/2023	6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	6/16/2023	6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B	6/16/2023	6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B	6/16/2023	6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B	6/16/2023	6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B	6/16/2023	6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B	6/16/2023	6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545E
Sample ID 2508 NELSON
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	88	REC %				1 8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	84	REC %				1 8260B		6/16/2023	CJR	1
SUR - Toluene-d8	98	REC %				1 8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %				1 8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545F
 Sample ID 3406 CIMARRON
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	6/16/2023	6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	6/16/2023	6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	6/16/2023	6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	6/16/2023	6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	6/16/2023	6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	6/16/2023	6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	6/16/2023	6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B	6/16/2023	6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B	6/16/2023	6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B	6/16/2023	6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B	6/16/2023	6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B	6/16/2023	6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545F
Sample ID 3406 CIMARRON
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/16/2023	6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/16/2023	6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/16/2023	6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	90	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - Dibromofluoromethane	81	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545G
Sample ID 3412 CTH CR
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	6/16/2023	6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	6/16/2023	6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	6/16/2023	6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	6/16/2023	6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	6/16/2023	6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	6/16/2023	6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	6/16/2023	6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B	6/16/2023	6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B	6/16/2023	6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B	6/16/2023	6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B	6/16/2023	6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B	6/16/2023	6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545G
Sample ID 3412 CTH CR
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	88	REC %				1 8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	85	REC %				1 8260B		6/16/2023	CJR	1
SUR - Toluene-d8	97	REC %				1 8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %				1 8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545H
 Sample ID 2417 ELM
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	6/16/2023	6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	6/16/2023	6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	6/16/2023	6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	6/16/2023	6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	6/16/2023	6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	6/16/2023	6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	6/16/2023	6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B	6/16/2023	6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B	6/16/2023	6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B	6/16/2023	6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B	6/16/2023	6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B	6/16/2023	6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545H
Sample ID 2417 ELM
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	84	REC %			1	8260B		6/16/2023	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	86	REC %			1	8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545I
 Sample ID 3315 CIMARRON
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	6/16/2023	6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	6/16/2023	6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	6/16/2023	6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	6/16/2023	6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	6/16/2023	6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	6/16/2023	6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	6/16/2023	6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B	6/16/2023	6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B	6/16/2023	6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B	6/16/2023	6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B	6/16/2023	6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B	6/16/2023	6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545I
Sample ID 3315 CIMARRON
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/16/2023	6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/16/2023	6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/16/2023	6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	88	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	91	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - Dibromofluoromethane	85	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545J
Sample ID 1710 LISSA
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	6/16/2023	6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	6/16/2023	6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	6/16/2023	6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	6/16/2023	6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	6/16/2023	6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	6/16/2023	6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	6/16/2023	6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B	6/16/2023	6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B	6/16/2023	6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B	6/16/2023	6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B	6/16/2023	6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B	6/16/2023	6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545J
Sample ID 1710 LISSA
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/16/2023	6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/16/2023	6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/16/2023	6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - Dibromofluoromethane	88	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	85	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545K
 Sample ID 1704 LISSA
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	6/16/2023	6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	6/16/2023	6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	6/16/2023	6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	6/16/2023	6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	6/16/2023	6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	6/16/2023	6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	6/16/2023	6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B	6/16/2023	6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B	6/16/2023	6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B	6/16/2023	6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B	6/16/2023	6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B	6/16/2023	6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545K
Sample ID 1704 LISSA
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %				1 8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	86	REC %				1 8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	89	REC %				1 8260B		6/16/2023	CJR	1
SUR - Toluene-d8	98	REC %				1 8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545L
Sample ID 2811 S 15TH
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	6/16/2023	6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	6/16/2023	6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	6/16/2023	6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	6/16/2023	6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	6/16/2023	6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	6/16/2023	6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	6/16/2023	6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	6/16/2023	6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	6/16/2023	6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	6/16/2023	6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/16/2023	6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B	6/16/2023	6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B	6/16/2023	6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B	6/16/2023	6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B	6/16/2023	6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B	6/16/2023	6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B	6/16/2023	6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B	6/16/2023	6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B	6/16/2023	6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B	6/16/2023	6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B	6/16/2023	6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B	6/16/2023	6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B	6/16/2023	6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545L
Sample ID 2811 S 15TH
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/16/2023	6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/16/2023	6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/16/2023	6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - Dibromofluoromethane	83	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B	6/16/2023	6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545M
Sample ID 3202 S 19TH
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/17/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/17/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/17/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/17/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/17/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/17/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/17/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/17/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/17/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/17/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/17/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/17/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/17/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/17/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/17/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/17/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/17/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/17/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/17/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/17/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/17/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/17/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/17/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/17/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/17/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/17/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/17/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/17/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/17/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/17/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/17/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/17/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/17/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545M
Sample ID 3202 S 19TH
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/17/2023	6/17/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/17/2023	6/17/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/17/2023	6/17/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - 4-Bromofluorobenzene	88	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - Dibromofluoromethane	88	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545N
Sample ID 3422 CTH CR
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/17/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/17/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/17/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/17/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/17/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/17/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/17/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/17/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/17/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/17/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/17/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/17/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/17/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/17/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/17/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/17/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/17/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/17/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/17/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/17/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/17/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/17/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/17/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/17/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/17/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/17/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/17/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/17/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/17/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/17/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/17/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/17/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/17/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545N
Sample ID 3422 CTH CR
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/17/2023	6/17/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/17/2023	6/17/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/17/2023	6/17/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	109	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - 4-Bromofluorobenzene	88	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 50425450
Sample ID 1703 LONE OAK
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/17/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/17/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/17/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/17/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/17/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/17/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/17/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/17/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/17/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/17/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/17/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/17/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/17/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/17/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/17/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/17/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/17/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/17/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/17/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/17/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/17/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/17/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/17/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/17/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/17/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/17/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/17/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/17/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/17/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/17/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/17/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/17/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/17/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 50425450
Sample ID 1703 LONE OAK
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/17/2023	6/17/2023	CJR	1
Vinyl Chloride	0.15 "J"	ug/l	0.15	0.61	1	8260B	6/17/2023	6/17/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/17/2023	6/17/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - Dibromofluoromethane	91	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - 4-Bromofluorobenzene	91	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545P
 Sample ID 3210 S 19TH
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/17/2023	6/17/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/17/2023	6/17/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	6/17/2023	6/17/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	6/17/2023	6/17/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	6/17/2023	6/17/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	6/17/2023	6/17/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	6/17/2023	6/17/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	6/17/2023	6/17/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	6/17/2023	6/17/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	6/17/2023	6/17/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	6/17/2023	6/17/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	6/17/2023	6/17/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	6/17/2023	6/17/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	6/17/2023	6/17/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	6/17/2023	6/17/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	6/17/2023	6/17/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	6/17/2023	6/17/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/17/2023	6/17/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	6/17/2023	6/17/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	6/17/2023	6/17/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	6/17/2023	6/17/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	6/17/2023	6/17/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	6/17/2023	6/17/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	6/17/2023	6/17/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	6/17/2023	6/17/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	6/17/2023	6/17/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	6/17/2023	6/17/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/17/2023	6/17/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/17/2023	6/17/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B	6/17/2023	6/17/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B	6/17/2023	6/17/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B	6/17/2023	6/17/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B	6/17/2023	6/17/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B	6/17/2023	6/17/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B	6/17/2023	6/17/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B	6/17/2023	6/17/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B	6/17/2023	6/17/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B	6/17/2023	6/17/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B	6/17/2023	6/17/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B	6/17/2023	6/17/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B	6/17/2023	6/17/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B	6/17/2023	6/17/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B	6/17/2023	6/17/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B	6/17/2023	6/17/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B	6/17/2023	6/17/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B	6/17/2023	6/17/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B	6/17/2023	6/17/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B	6/17/2023	6/17/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B	6/17/2023	6/17/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/17/2023	6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545P
Sample ID 3210 S 19TH
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/17/2023	6/17/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/17/2023	6/17/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/17/2023	6/17/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - Dibromofluoromethane	87	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	89	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545Q
Sample ID 3320 HECKER
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/17/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/17/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/17/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/17/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/17/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/17/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/17/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/17/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/17/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/17/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/17/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/17/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/17/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/17/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/17/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/17/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/17/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/17/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/17/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/17/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/17/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/17/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/17/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/17/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/17/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/17/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/17/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/17/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/17/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/17/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/17/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/17/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/17/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545Q
Sample ID 3320 HECKER
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/17/2023	6/17/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/17/2023	6/17/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/17/2023	6/17/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - 4-Bromofluorobenzene	86	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - Dibromofluoromethane	90	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545R
 Sample ID TB061223
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	0.34 "J"	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545R
Sample ID TB061223
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %			1	8260B		6/16/2023	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	90	REC %			1	8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	83	REC %			1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545S
 Sample ID 1514 LONE OAK
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/17/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/17/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/17/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/17/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/17/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/17/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/17/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/17/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/17/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/17/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/17/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/17/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/17/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/17/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/17/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/17/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/17/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/17/2023	CJR	1
cis-1,2-Dichloroethene	0.32 "J"	ug/l	0.32	1.29	1	8260B		6/17/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/17/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/17/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/17/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/17/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/17/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/17/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/17/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/17/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/17/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/17/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/17/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/17/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/17/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/17/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545S
Sample ID 1514 LONE OAK
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/17/2023	6/17/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/17/2023	6/17/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/17/2023	6/17/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - Dibromofluoromethane	90	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545T
Sample ID 3523 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/17/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/17/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/17/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/17/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/17/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/17/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/17/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/17/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/17/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/17/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/17/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/17/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/17/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/17/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/17/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/17/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/17/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/17/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/17/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/17/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/17/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/17/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/17/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/17/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/17/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/17/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/17/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/17/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/17/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/17/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/17/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/17/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/17/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545T
Sample ID 3523 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/17/2023	6/17/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/17/2023	6/17/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/17/2023	6/17/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	90	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - 4-Bromofluorobenzene	95	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - Dibromofluoromethane	89	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B	6/17/2023	6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545U
Sample ID 3304 S 15TH
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545U
Sample ID 3304 S 15TH
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	91	REC %				1 8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	87	REC %				1 8260B		6/19/2023	CJR	1
SUR - Toluene-d8	99	REC %				1 8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %				1 8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545V
Sample ID 3611 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545V
Sample ID 3611 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %				1 8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %				1 8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	86	REC %				1 8260B		6/19/2023	CJR	1
SUR - Toluene-d8	98	REC %				1 8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545W
Sample ID 3310 S. 19TH
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545W
Sample ID 3310 S. 19TH
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/19/2023	6/19/2023	CJR	1
Vinyl Chloride	0.22 "J"	ug/l	0.15	0.61	1	8260B	6/19/2023	6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/19/2023	6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - Dibromofluoromethane	85	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	93	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545X
Sample ID 3304 S 19TH
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/19/2023	6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/19/2023	6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	6/19/2023	6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	6/19/2023	6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	6/19/2023	6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	6/19/2023	6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	6/19/2023	6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	6/19/2023	6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	6/19/2023	6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	6/19/2023	6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	6/19/2023	6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	6/19/2023	6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	6/19/2023	6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	6/19/2023	6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	6/19/2023	6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	6/19/2023	6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	6/19/2023	6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/19/2023	6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	6/19/2023	6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	6/19/2023	6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	6/19/2023	6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	6/19/2023	6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	6/19/2023	6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	6/19/2023	6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	6/19/2023	6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	6/19/2023	6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	6/19/2023	6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/19/2023	6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/19/2023	6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B	6/19/2023	6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B	6/19/2023	6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B	6/19/2023	6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B	6/19/2023	6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B	6/19/2023	6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B	6/19/2023	6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B	6/19/2023	6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B	6/19/2023	6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B	6/19/2023	6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B	6/19/2023	6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B	6/19/2023	6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B	6/19/2023	6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B	6/19/2023	6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B	6/19/2023	6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B	6/19/2023	6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B	6/19/2023	6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B	6/19/2023	6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B	6/19/2023	6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B	6/19/2023	6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B	6/19/2023	6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/19/2023	6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545X
Sample ID 3304 S 19TH
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/19/2023	6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/19/2023	6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/19/2023	6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - Dibromofluoromethane	86	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545Y
Sample ID 2733 S 19TH
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545Y
Sample ID 2733 S 19TH
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %				1 8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %				1 8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	88	REC %				1 8260B		6/19/2023	CJR	1
SUR - Toluene-d8	99	REC %				1 8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545Z
Sample ID 3312 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545Z
Sample ID 3312 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/19/2023	6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/19/2023	6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/19/2023	6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - Dibromofluoromethane	86	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	89	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 52545AAA
 Sample ID 2406 BIRCH
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/21/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/21/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/21/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/21/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/21/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/21/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/21/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/21/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/21/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/21/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/21/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/21/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/21/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/21/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/21/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/21/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/21/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/21/2023	CJR	1
cis-1,2-Dichloroethene	0.40 "J"	ug/l	0.32	1.29	1	8260B		6/21/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/21/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/21/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/21/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/21/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/21/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/21/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/21/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/21/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/21/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/21/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/21/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/21/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/21/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/21/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 52545AAA
Sample ID 2406 BIRCH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/21/2023	6/21/2023	CJR	1
Vinyl Chloride	0.29 "J"	ug/l	0.15	0.61	1	8260B	6/21/2023	6/21/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/21/2023	6/21/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/21/2023	6/21/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %			1	8260B	6/21/2023	6/21/2023	CJR	1
SUR - 4-Bromofluorobenzene	93	REC %			1	8260B	6/21/2023	6/21/2023	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B	6/21/2023	6/21/2023	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B	6/21/2023	6/21/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 52545BBB
 Sample ID 3203 S. 26TH
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/21/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/21/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/21/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/21/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/21/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/21/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/21/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/21/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/21/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/21/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/21/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/21/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/21/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/21/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/21/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/21/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/21/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/21/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/21/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/21/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/21/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/21/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/21/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/21/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/21/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/21/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/21/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/21/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/21/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/21/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/21/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/21/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/21/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 52545BBB
Sample ID 3203 S. 26TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/21/2023	6/21/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/21/2023	6/21/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/21/2023	6/21/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/21/2023	6/21/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			1	8260B	6/21/2023	6/21/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %			1	8260B	6/21/2023	6/21/2023	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B	6/21/2023	6/21/2023	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B	6/21/2023	6/21/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 52545CCC
Sample ID 3627 HECKER
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/21/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/21/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/21/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/21/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/21/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/21/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/21/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/21/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/21/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/21/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/21/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/21/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/21/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/21/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/21/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/21/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/21/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/21/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/21/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/21/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/21/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/21/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/21/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/21/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/21/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/21/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/21/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/21/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/21/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/21/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/21/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/21/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/21/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 52545CCC
Sample ID 3627 HECKER
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/21/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/21/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/21/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/21/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %				1 8260B		6/21/2023	CJR	1
SUR - Dibromofluoromethane	98	REC %				1 8260B		6/21/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %				1 8260B		6/21/2023	CJR	1
SUR - Toluene-d8	99	REC %				1 8260B		6/21/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545AA
Sample ID 3427 CIMARRON
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545AA
Sample ID 3427 CIMARRON
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %				1 8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %				1 8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	91	REC %				1 8260B		6/19/2023	CJR	1
SUR - Toluene-d8	96	REC %				1 8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545BB
Sample ID 3319 JENNY
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545BB
Sample ID 3319 JENNY
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	91	REC %			1	8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	87	REC %			1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545CC
 Sample ID 4125 CTH CR
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	3.5	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545CC
Sample ID 4125 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %			1	8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %			1	8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	87	REC %			1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545DD
 Sample ID 2501 NELSON
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	0.53 "J"	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545DD
Sample ID 2501 NELSON
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/19/2023	6/19/2023	CJR	1
Vinyl Chloride	0.42 "J"	ug/l	0.15	0.61	1	8260B	6/19/2023	6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/19/2023	6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - Dibromofluoromethane	89	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545EE
 Sample ID 2833 S. 19TH
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/19/2023	6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/19/2023	6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	6/19/2023	6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	6/19/2023	6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	6/19/2023	6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	6/19/2023	6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	6/19/2023	6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	6/19/2023	6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	6/19/2023	6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	6/19/2023	6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	6/19/2023	6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	6/19/2023	6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	6/19/2023	6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	6/19/2023	6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	6/19/2023	6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	6/19/2023	6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	6/19/2023	6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/19/2023	6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	6/19/2023	6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	6/19/2023	6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	6/19/2023	6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	6/19/2023	6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	6/19/2023	6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	6/19/2023	6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	6/19/2023	6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	6/19/2023	6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	6/19/2023	6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/19/2023	6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/19/2023	6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B	6/19/2023	6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B	6/19/2023	6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B	6/19/2023	6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B	6/19/2023	6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B	6/19/2023	6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B	6/19/2023	6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B	6/19/2023	6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B	6/19/2023	6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B	6/19/2023	6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B	6/19/2023	6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B	6/19/2023	6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B	6/19/2023	6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B	6/19/2023	6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B	6/19/2023	6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B	6/19/2023	6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B	6/19/2023	6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B	6/19/2023	6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B	6/19/2023	6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B	6/19/2023	6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B	6/19/2023	6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/19/2023	6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545EE
Sample ID 2833 S. 19TH
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	93	REC %			1	8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	88	REC %			1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %			1	8260B		6/19/2023	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545FF
 Sample ID 4159 SILVER CREEK
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	0.43 "J"	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545FF
Sample ID 4159 SILVER CREEK
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	88	REC %			1	8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	91	REC %			1	8260B		6/19/2023	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545GG
Sample ID 2407 ELM
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545GG
Sample ID 2407 ELM
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	86	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	91	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	95	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	98	REC %				1 8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545HH
 Sample ID 4024 CTH CR
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	0.37 "J"	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545HH
Sample ID 4024 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	89	REC %			1	8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	93	REC %			1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545II
Sample ID 3322 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545II
Sample ID 3322 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/20/2023	6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/20/2023	6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/20/2023	6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	86	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - Dibromofluoromethane	95	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - Toluene-d8	104	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545JJ
 Sample ID 3627 CTH CR
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545JJ
Sample ID 3627 CTH CR
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	92	REC %			1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %			1	8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %			1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545KK
 Sample ID 1701 LISSA
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545KK
Sample ID 1701 LISSA
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %			1	8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %			1	8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545LL
 Sample ID 1805 LISSA
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545LL
Sample ID 1805 LISSA
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	89	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	103	REC %				1 8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545MM
 Sample ID 3802 SILVER CREEK
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545MM
Sample ID 3802 SILVER CREEK
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	90	REC %			1	8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	92	REC %			1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	102	REC %			1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545NN
Sample ID 3533 CTH CR
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	3
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	3
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	3
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	3
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	3
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	3
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	3
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	3

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545NN
Sample ID 3533 CTH CR
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	93	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	92	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	103	REC %				1 8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 54254500
Sample ID 2408 ELM
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 54254500
Sample ID 2408 ELM
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	92	REC %			1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	104	REC %			1	8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	85	REC %			1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545PP
 Sample ID 2706 CTH CR
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545PP
Sample ID 2706 CTH CR
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/20/2023	6/20/2023	CJR	1
Vinyl Chloride	0.39 "J"	ug/l	0.15	0.61	1	8260B	6/20/2023	6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/20/2023	6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - Dibromofluoromethane	94	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545QQ
Sample ID 3307 S. 19TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545QQ
Sample ID 3307 S. 19TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	91	REC %			1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545RR
 Sample ID 3321 JENNY
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545RR
Sample ID 3321 JENNY
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %			1	8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	96	REC %			1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545SS
Sample ID 3319 S. 19TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545SS
Sample ID 3319 S. 19TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	90	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	91	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	100	REC %				1 8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545TT
Sample ID 2911 CTH CR
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545TT
Sample ID 2911 CTH CR
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	90	REC %			1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %			1	8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545UU
Sample ID 3407 S. 26TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/20/2023	6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/20/2023	6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	6/20/2023	6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	6/20/2023	6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	6/20/2023	6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	6/20/2023	6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	6/20/2023	6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	6/20/2023	6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	6/20/2023	6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	6/20/2023	6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	6/20/2023	6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	6/20/2023	6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	6/20/2023	6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	6/20/2023	6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	6/20/2023	6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	6/20/2023	6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	6/20/2023	6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/20/2023	6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	6/20/2023	6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	6/20/2023	6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	6/20/2023	6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	6/20/2023	6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	6/20/2023	6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	6/20/2023	6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	6/20/2023	6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	6/20/2023	6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	6/20/2023	6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/20/2023	6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/20/2023	6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B	6/20/2023	6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B	6/20/2023	6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B	6/20/2023	6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B	6/20/2023	6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B	6/20/2023	6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B	6/20/2023	6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B	6/20/2023	6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B	6/20/2023	6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B	6/20/2023	6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B	6/20/2023	6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B	6/20/2023	6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B	6/20/2023	6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B	6/20/2023	6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B	6/20/2023	6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B	6/20/2023	6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B	6/20/2023	6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B	6/20/2023	6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B	6/20/2023	6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B	6/20/2023	6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B	6/20/2023	6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/20/2023	6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545UU
Sample ID 3407 S. 26TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	91	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	100	REC %				1 8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %				1 8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545VV
Sample ID 4315 SILVER CREEK
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545VV
Sample ID 4315 SILVER CREEK
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	97	REC %				1 8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	85	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	90	REC %				1 8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545WW
Sample ID 3626 CTH CR
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545WW
Sample ID 3626 CTH CR
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %			1	8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	95	REC %			1	8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	93	REC %			1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545XX
Sample ID 3113 S. 15TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545XX
Sample ID 3113 S. 15TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/20/2023	6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/20/2023	6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/20/2023	6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - Toluene-d8	102	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - Dibromofluoromethane	94	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545YY
Sample ID 3825 VIEBAHN
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545YY
Sample ID 3825 VIEBAHN
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/20/2023	6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/20/2023	6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/20/2023	6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	87	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - Toluene-d8	102	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1
SUR - Dibromofluoromethane	90	REC %			1	8260B	6/20/2023	6/20/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545ZZ
 Sample ID 3023 CTH CR
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/21/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/21/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/21/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/21/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/21/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/21/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/21/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/21/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/21/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/21/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/21/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/21/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/21/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/21/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/21/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/21/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/21/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/21/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/21/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/21/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/21/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/21/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/21/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/21/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/21/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/21/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/21/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/21/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/21/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/21/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/21/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/21/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/21/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	3
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545ZZ
Sample ID 3023 CTH CR
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/21/2023	6/21/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/21/2023	6/21/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/21/2023	6/21/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/21/2023	6/21/2023	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B	6/21/2023	6/21/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	87	REC %			1	8260B	6/21/2023	6/21/2023	CJR	1
SUR - 4-Bromofluorobenzene	95	REC %			1	8260B	6/21/2023	6/21/2023	CJR	1
SUR - Dibromofluoromethane	94	REC %			1	8260B	6/21/2023	6/21/2023	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

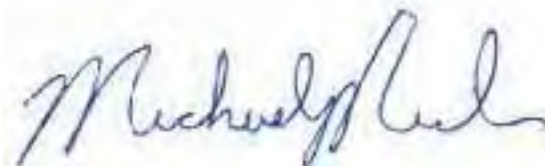
LOQ Limit of Quantitation

Code ***Comment***

- 1 Laboratory QC within limits.
- 3 The matrix spike not within established limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature



Environmental Lab, Inc.

www.synergy-lab.net
1990 Prospect Ct. • Appleton, WI 54914
920-830-2455 • mrsynergy@wi.twcbc.com

Sample Handling Request
 Rush Analysis Date Required: _____
 (Rushes accepted only with prior authorization)
 Normal Turn Around

Lab I.D. # _____
 QUOTE #: _____
 Project #: 60135471
 Sampler: (signature) *Robert M. ...*

Project (Name/Location): Newton, WI
 Reports To: Dave Henderson
 Company: Aecom
 Address: 1555 N River Center Drive
 City State Zip: Milwaukee WI 53212
 Phone: 414-944-6080
 Email: Dave.Henderson@aecom.com

Invoice To: same
 Company: _____
 Address: _____
 City State Zip: _____
 Phone: _____
 Email: _____

Analysis Requested		Other Analysis	
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	PID/ FID	
LEAD	NITRATE/NITRITE		
OIL & GREASE	PAH (EPA 8270)		
PCB	PVOC (EPA 8021)		
PVOC + NAPHTHALENE	SULFATE		
TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)		
VOC (EPA 8260)	VOC AIR (TO - 15)		
8-PCRA METALS	VOC		

Lab I.D.	Sample I.D.	Collection Date	Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
QUSUSA	3029 Orchard	6/15/23	8:15	N	3	GW	HCL
B	2717 CTH CR / 4141 W. ...		8:45				
C	3461 Hecker		9:15				
D	3205 Lane Oak		9:45				
E	2508 Nelson		10:15				
F	3406 Cimarron		10:45				
G	3412 CTH CR		11:15				
H	2417 Elm		11:45				
I	3315 Cimarron		12:45				
J	1710 Lissa		13:45				
K	1704 Lissa		14:15				
L	2811 S 15th		15:15				

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

Sample Integrity - To be completed by receiving lab.
 Method of Shipment: Client
 Temp. of Temp. Blank: _____ °C On Ice:
 Cooler seal intact upon receipt: Yes No

Relinquished By: (signature) *Robert M. ...* Time: 12:25 Date: 6/15/23
 Received By: (signature) _____ Time: _____ Date: _____
 Received in Laboratory By: *3/2/23* Time: 12:25 Date: 06-15-23

Sample Handling Request

Rush Analysis Date Required: _____
 (Rushes accepted only with prior authorization)
 Normal Turn Around

Lab I.D. #

QUOTE #:

Project #: 60135471

Sampler: (signature) *Dave Henderson*

Project (Name / Location): Newton, WI

www.synergy-lab.net
 1990 Prospect Ct. • Appleton, WI 54914
 920-830-2455 • mrsynergy@wi.twcbc.com

Reports To: Dave Henderson

Invoice To: same

Company Aecom

Company

Address 1555 N. RiverCenter Drive

Address

City State Zip Milwaukee, WI 53212

City State Zip

Phone 414-944-6080

Phone

Email Dave.Henderson@aecom.com

Email

Analysis Requested

Other Analysis

Lab I.D.	Sample I.D.	Collection		Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PID/ FID	
		Date	Time																					
S04045M	3202 S 19th	6/12/22	16:15	N	3	GW	HCL																	
M	3422 CTI CR		16:45																					
O	1703 Lone Oak		17:15																					
L	3305 S 15th		17:45																					
P	3702 Hecken																							
P	3210 S 19th		13:15																					
Q	3320 Hecken		15:45																					
R	7B 0612 23		7:45	N	3	GW	HCL																	

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)
 3305 S. 15th asked to reschedule
 3702 Hecken water not turned on

Sample Integrity - To be completed by receiving lab.
 Method of Shipment: Client
 Temp. of Temp. Blank: _____ °C On Ice: X
 Cooler seal intact upon receipt: X Yes ___ No

Relinquished By: (sign) *[Signature]* Time 12:25 Date 6/15/23
 Received By: (sign) _____ Time _____ Date _____
 Received in Laboratory By: *[Signature]* Time: 12:25p Date: 06-15-23

CHAIN OF CUSTODY RECORD



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Chain # 42606

Page 3 of 6

Sample Handling Request

Rush Analysis Date Required:
(Rushes accepted only with prior authorization)

Normal Turn Around

Lab I.D. #
QUOTE # :
Project #: 601354 71
Sampler: (signature) *[Signature]*

Project (Name / Location): Newtown, WI
Reports To: Dave Henderson
Company: Aecom
Address: 1555 N. Rivercenter Drive
City State Zip: Milwaukee, WI 53212
Phone: 414-944-6080
Email: Dave.Henderson@aecom.com

Invoice To: Same
Company:
Address:
City State Zip:
Phone:
Email:

Analysis Requested		Other Analysis													
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PID/FID
														X	
														X	
														X	
														X	
														X	
														X	
														X	
														X	
														X	
														X	
														X	
														X	
														X	
														X	
														X	
														X	
														X	

Lab I.D.	Sample I.D.	Collection Date	Time	Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
SB425455	1514 Lone Oak	6/13/23	8:15	N	3	GW	HCL
T	3523 CTH CR		8:45				
V	3304 S. 15th		9:15				
V	3611 CTH CR		9:45				
W	3310 S. 19th		10:15				
X	3304 S 19th		10:45				
Y	2733 S 19th		11:15				
Z	3312 CTH CR		11:45				
AA	3427 Cinatron		12:45				
BB	3319 Jenny		13:15				
CC	4125 CTH CR		13:45				
DD	3501 Nelson		14:15				

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

13:45

Sample Integrity - To be completed by receiving lab.

Method of Shipment: Client

Temp. of Temp. Blank: _____ °C On Ice:

Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *[Signature]*

Time: 12:25 Date: 6/15/23

Received By: (sign)

Time Date

Received in Laboratory By: *[Signature]*

Time: 1225

Date: 06.15.23

Sample Handling Request

Rush Analysis Date Required:
 (Rushes accepted only with prior authorization)

Normal Turn Around

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Lab I.D. #
 QUOTE # :
 Project #: 60135471
 Sampler: (signature) *[Signature]*

Project (Name / Location): *Newton, WI*

Reports To: <i>Pave Henderson</i>	Invoice To: <i>Same</i>
Company: <i>Aecom</i>	Company:
Address: <i>1555 N. RiverCenter Drive</i>	Address:
City State Zip: <i>Milwaukee, WI 53212</i>	City State Zip:
Phone: <i>414-944-6080</i>	Phone:
Email: <i>Pave.Henderson@aecom.com</i>	Email:

Analysis Requested											Other Analysis				
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PID/ FID

Lab I.D.	Sample I.D.	Collection		Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
		Date	Time				
547545EE	2833 S. 19th	6/13/23	14:45	N	3	GW	HCL
FF	4159 Silver Creek		15:15				
GG	2409 Elm		15:45				
HH	4024 CTH CR		16:15				
II	3322 CTH CR		16:45				

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

Sample Integrity - To be completed by receiving lab.
 Method of Shipment: Crew
 Temp. of Temp. Blank: _____ °C On Ice:
 Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) <i>[Signature]</i>	Time: 12:25	Date: 6/15/23	Received By: (sign) _____	Time: _____	Date: _____
Received in Laboratory By: <i>[Signature]</i>	Time: 12:25	Date: 06-15-23			

Synergy

Environmental Lab, Inc.

Chain # 42609

Page 5 of 6

Sample Handling Request

Rush Analysis Date Required: _____

(Rushes accepted only with prior authorization)

Normal Turn Around

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Lab I.D. #

QUOTE #:

Project #: 60135471

Sampler: (signature) Robert Westfall

Project (Name / Location): Newtown, WI

Reports To: Dave Henderson

Invoice To: Same

Company: Aecom

Company

Address: 1555 N. RiverCenter Drive

Address

City State Zip: Milwaukee, WI 53212

City State Zip

Phone: 414-944-6080

Phone

Email: Dave.Henderson@aecom.com

Email

Analysis Requested

Other Analysis

Lab I.D.	Sample I.D.	Collection		Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation	Analysis Requested													Other Analysis					
		Date	Time					DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PID/ FID			
542545JJ	3627 CTHCR	6/17/23	8:15	N	3	GW	HCL																		X	
	YIC 1701 Lissa		8:45																							X
	LL 1805 Lissa		9:15																							X
	MM 3802 Silver Creek		9:45																							X
	NN 3500 33 CTHCR		10:15																							X
	OO 2408 Elm		10:45																							X
	PP 2706 CTH CR		11:15																							X
	QQ 3307 S. 19th		11:45																							X
	RR 3321 Jenny		12:15																							X
	SS 3319 S. 19th		13:15																							X
	TT 2911 CTH CR		13:45																							X
	UU 3407 S. 26th		14:15																							X

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

Sample Integrity - To be completed by receiving lab.

Method of Shipment: Air

Temp. of Temp. Blank: _____ °C On Ice:

Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) *[Signature]*

Time: 12:25 Date: 6/15/23

Received By: (sign) _____ Time: _____ Date: _____

Received in Laboratory By: *[Signature]*

Time: 1225 Date: 06.15.23

Environmental Lab, Inc.

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Sample Handling Request

Rush Analysis Date Required: _____
(Rushes accepted only with prior authorization)
 Normal Turn Around

Lab I.D. # _____

QUOTE # : _____

Project #: 60135471

Sampler: (signature) Robert Weisell

Project (Name / Location): Newton, WI

Reports To: Dave Henderson

Company: Aecom

Address: 1555 N. Rivercenter Drive

City State Zip: Milwaukee, WI 53212

Phone: 414-944-6080

Email: Dave.Henderson@aecom.com

Invoice To: Same

Company: _____

Address: _____

City State Zip: _____

Phone: _____

Email: _____

Analysis Requested		Other Analysis	
DRO (Mod DRO Sep 95)			
GRO (Mod GRO Sep 95)			
LEAD			
NITRATE/NITRITE			
OIL & GREASE			
PAH (EPA 8270)			
PCB			
PVOC (EPA 8021)			
PVOC + NAPHTHALENE			
SULFATE			
TOTAL SUSPENDED SOLIDS			
VOC DW (EPA 524.2)			
VOC (EPA 8260)			
VOC AIR (TO - 15)			
8-PCRA METALS			
			PID/ FID

Lab I.D.	Sample I.D.	Collection		Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
		Date	Time				
512SUSW	4315 S. Iron Creek	6/14/23	14:45	N	3	GW	HCL
W10	3626 CTH CR		7:45				
XX	3113 S. 15th		15:45				
YY	3825 Viebahn		16:15				
ZZ	3023 CTH CR		16:45				
52SUS AAA	2406 Birch		17:15				
BBB	3203 S. 26th		15:15				
CCC	3627 Hecken		17:45				

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

Sample Integrity - To be completed by receiving lab.

Method of Shipment: air

Temp. of Temp. Blank: _____ °C On Ice:

Cooler seal intact upon receipt: Yes No

Relinquished By: (sign) Robert Weisell Time: 12:25 Date: 6/15/23

Received By: (sign) _____ Time: _____ Date: _____

Received in Laboratory By: [Signature] Time: 1225 Date: 06/15/23

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

DAVE HENDERSON
AECOM
1555 N RIVERCENTER DRIVE
MILWAUKEE, WI 53212

Report Date 06-Jul-23

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612A
Sample ID 1521 LONE OAK
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/29/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/29/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/29/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/29/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/29/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/29/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/29/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/29/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/29/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/29/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/29/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/29/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/29/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/29/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/29/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/29/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/29/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/29/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/29/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/29/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/29/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612A
Sample ID 1521 LONE OAK
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/29/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/29/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/29/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/29/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/29/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/29/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/29/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/29/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/29/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/29/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/29/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/29/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/29/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/29/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/29/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/29/2023	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		6/29/2023	CJR	1
SUR - Dibromofluoromethane	96	REC %			1	8260B		6/29/2023	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		6/29/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			1	8260B		6/29/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612B
Sample ID 1718 JENNY
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/29/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/29/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/29/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/29/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/29/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/29/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/29/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/29/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/29/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/29/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/29/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/29/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/29/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/29/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/29/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/29/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/29/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/29/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/29/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/29/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/29/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/29/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/29/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/29/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/29/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/29/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/29/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/29/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/29/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/29/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/29/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/29/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/29/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612B
Sample ID 1718 JENNY
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/29/2023	6/29/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/29/2023	6/29/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/29/2023	6/29/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - Dibromofluoromethane	97	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - Toluene-d8	96	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612C
Sample ID 3780 SILVER CREEK
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/29/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/29/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/29/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/29/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/29/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/29/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/29/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/29/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/29/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/29/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/29/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/29/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/29/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/29/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/29/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/29/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/29/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/29/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/29/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/29/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/29/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/29/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/29/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/29/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/29/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/29/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/29/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/29/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/29/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/29/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/29/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/29/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/29/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612C
Sample ID 3780 SILVER CREEK
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/29/2023	6/29/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/29/2023	6/29/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/29/2023	6/29/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - Dibromofluoromethane	98	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - Toluene-d8	93	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612D
Sample ID 1821 VIEBAHN
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/29/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/29/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/29/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/29/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/29/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/29/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/29/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/29/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/29/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/29/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/29/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/29/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/29/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/29/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/29/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/29/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/29/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/29/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/29/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/29/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/29/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/29/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/29/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/29/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/29/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/29/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/29/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/29/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/29/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/29/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/29/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/29/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/29/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612D
Sample ID 1821 VIEBAHN
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/29/2023	6/29/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/29/2023	6/29/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/29/2023	6/29/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - Dibromofluoromethane	99	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - Toluene-d8	96	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42612

Lab Code 5042612E
 Sample ID TB062923
 Sample Matrix Water
 Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/29/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/29/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/29/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/29/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/29/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/29/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/29/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/29/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/29/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/29/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/29/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/29/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/29/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/29/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/29/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/29/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/29/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/29/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/29/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/29/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/29/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/29/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/29/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/29/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/29/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/29/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/29/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/29/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/29/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/29/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/29/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Toluene	0.38 "J"	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/29/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/29/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612E
Sample ID TB062923
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/29/2023	6/29/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	6/29/2023	6/29/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/29/2023	6/29/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1
SUR - Dibromofluoromethane	94	REC %			1	8260B	6/29/2023	6/29/2023	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

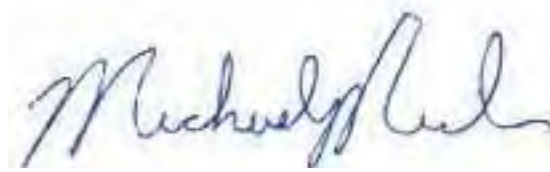
LOQ Limit of Quantitation

Code ***Comment***

1 Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature



Synergy

Environmental Lab, Inc.

www.synergy-lab.net
 1990 Prospect Ct. • Appleton, WI 54914
 920-830-2455 • mrsynergy@wi.twcabc.com

Sample Handling Request

Rush Analysis Date Required: _____
 (Rushes accepted only with prior authorization)
 Normal Turn Around

Lab I.D. #
 QUOTE # :
 Project #: 60135471
 Sampler: (signature) Adert Wesefal

Project (Name / Location): Newton, WI
 Reports To: Dave Henderson
 Company: Aecom
 Address: 1555 N. RiverCenter Dr
 City State Zip: Milwaukee, WI 53212
 Phone: 414-944-6080
 Email: Dave.Henderson@aecom.com

Invoice To: Same
 Company:
 Address:
 City State Zip:
 Phone:
 Email:

Analysis Requested												Other Analysis			
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-PCRA METALS	PID/FID

Lab I.D.	Sample I.D.	Collection		Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
		Date	Time				
<u>5042612A</u>	<u>1521 Lone Oak</u>	<u>6/29/23</u>	<u>7:45</u>	<u>N</u>	<u>3</u>	<u>GW</u>	<u>HCL</u>
<u>B</u>	<u>1718 Jenny</u>	<u>↓</u>	<u>8:15</u>	<u>↓</u>	<u>3</u>	<u>↓</u>	<u>↓</u>
<u>C</u>	<u>3780 Silver Creek</u>	<u>↓</u>	<u>8:45</u>	<u>↓</u>	<u>3</u>	<u>↓</u>	<u>↓</u>
<u>D</u>	<u>1821 Viebahn</u>	<u>↓</u>	<u>9:15</u>	<u>↓</u>	<u>3</u>	<u>↓</u>	<u>↓</u>
<u>E</u>	<u>TB062923</u>	<u>↓</u>	<u>-</u>	<u>↓</u>	<u>3</u>	<u>↓</u>	<u>↓</u>

XXXXX VOC

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)

Sample Integrity - To be completed by receiving lab.
 Method of Shipment: air
 Temp. of Temp. Blank: _____ °C On Ice:
 Cooler seal intact upon receipt: Yes ___ No

Relinquished By: (sign) Adert Wesefal Time 10:30 Date 6/29/23
 Received By: (sign) _____ Time _____ Date _____
 Received in Laboratory By: 39 jin Time: 1030 Date: 06-29-23

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

DAVE HENDERSON
AECOM
1555 N RIVERCENTER DRIVE
MILWAUKEE, WI 53212

Report Date 10-Jul-23

Project Name NEWTON, WI
Project # 60135471

Invoice # E42633

Lab Code 5042633A
Sample ID 3616 SILVER CREEK
Sample Matrix Water
Sample Date 7/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	7/7/2023	7/7/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	7/7/2023	7/7/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	7/7/2023	7/7/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	7/7/2023	7/7/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	7/7/2023	7/7/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	7/7/2023	7/7/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	7/7/2023	7/7/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	7/7/2023	7/7/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	7/7/2023	7/7/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	7/7/2023	7/7/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	7/7/2023	7/7/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	7/7/2023	7/7/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	7/7/2023	7/7/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	7/7/2023	7/7/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	7/7/2023	7/7/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	7/7/2023	7/7/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	7/7/2023	7/7/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	7/7/2023	7/7/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	7/7/2023	7/7/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	7/7/2023	7/7/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	7/7/2023	7/7/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	7/7/2023	7/7/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	7/7/2023	7/7/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	7/7/2023	7/7/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	7/7/2023	7/7/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	7/7/2023	7/7/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	7/7/2023	7/7/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	7/7/2023	7/7/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	7/7/2023	7/7/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42633

Lab Code 5042633A
Sample ID 3616 SILVER CREEK
Sample Matrix Water
Sample Date 7/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		7/7/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		7/7/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		7/7/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		7/7/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		7/7/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		7/7/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		7/7/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		7/7/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		7/7/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		7/7/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		7/7/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		7/7/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		7/7/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		7/7/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		7/7/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		7/7/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		7/7/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		7/7/2023	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		7/7/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		7/7/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		7/7/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		7/7/2023	CJR	1
SUR - Toluene-d8	92	REC %			1	8260B		7/7/2023	CJR	1
SUR - Dibromofluoromethane	110	REC %			1	8260B		7/7/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	90	REC %			1	8260B		7/7/2023	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		7/7/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42633

Lab Code 5042633B
Sample ID 3310 S. 19TH ST.
Sample Matrix Water
Sample Date 7/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		7/7/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		7/7/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		7/7/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		7/7/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		7/7/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		7/7/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		7/7/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		7/7/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		7/7/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		7/7/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		7/7/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		7/7/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		7/7/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		7/7/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		7/7/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		7/7/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		7/7/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		7/7/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		7/7/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		7/7/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		7/7/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		7/7/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		7/7/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		7/7/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		7/7/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		7/7/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		7/7/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		7/7/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		7/7/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		7/7/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		7/7/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		7/7/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		7/7/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		7/7/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		7/7/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		7/7/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		7/7/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		7/7/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		7/7/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		7/7/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		7/7/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		7/7/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		7/7/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		7/7/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		7/7/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		7/7/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		7/7/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42633

Lab Code 5042633B
Sample ID 3310 S. 19TH ST.
Sample Matrix Water
Sample Date 7/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	7/7/2023	7/7/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B	7/7/2023	7/7/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	7/7/2023	7/7/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	7/7/2023	7/7/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B	7/7/2023	7/7/2023	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B	7/7/2023	7/7/2023	CJR	1
SUR - Dibromofluoromethane	110	REC %			1	8260B	7/7/2023	7/7/2023	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B	7/7/2023	7/7/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42633

Lab Code 5042633C
 Sample ID TB070623
 Sample Matrix Water
 Sample Date 7/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		7/7/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		7/7/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		7/7/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		7/7/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		7/7/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		7/7/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		7/7/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		7/7/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		7/7/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		7/7/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		7/7/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		7/7/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		7/7/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		7/7/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		7/7/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		7/7/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		7/7/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		7/7/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		7/7/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		7/7/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		7/7/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		7/7/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		7/7/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		7/7/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		7/7/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		7/7/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		7/7/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		7/7/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		7/7/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		7/7/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		7/7/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		7/7/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		7/7/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		7/7/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		7/7/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		7/7/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		7/7/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		7/7/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		7/7/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Toluene	0.54 "J"	ug/l	0.33	1.35	1	8260B		7/7/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		7/7/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		7/7/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		7/7/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		7/7/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		7/7/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		7/7/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		7/7/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42633

Lab Code 5042633C
Sample ID TB070623
Sample Matrix Water
Sample Date 7/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		7/7/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		7/7/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		7/7/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		7/7/2023	CJR	1
SUR - Toluene-d8	95	REC %			1	8260B		7/7/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %			1	8260B		7/7/2023	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		7/7/2023	CJR	1
SUR - Dibromofluoromethane	103	REC %			1	8260B		7/7/2023	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

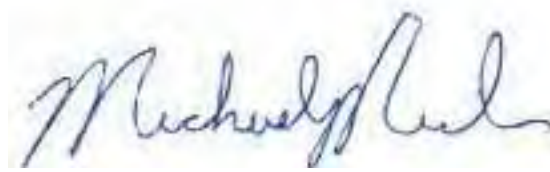
LOQ Limit of Quantitation

Code ***Comment***

1 Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature



Environmental Lab, Inc.

www.synergy-lab.net
 1990 Prospect Ct. • Appleton, WI 54914
 920-830-2455 • mrsynergy@wi.twcbc.com

Sample Handling Request

Rush Analysis Date Required: _____
 (Rushes accepted only with prior authorization)
 Normal Turn Around

Lab I.D. #
 QUOTE #:
 Project #: 60135471
 Sampler: (signature) *[Signature]*

Project (Name / Location): *Newton, WI*

Reports To: *Dave Henderson*
 Company: *Aecom*
 Address: *1555 N. River Center Dr.*
 City State Zip: *Milwaukee, WI 53212*
 Phone: *414-944-6080*
 Email: *Dave.Henderson@aecom.com*

Invoice To: *same*
 Company:
 Address:
 City State Zip:
 Phone:
 Email:

Analysis Requested														Other Analysis	
DRO (Mod DRO Sep 95)	GRO (Mod GRO Sep 95)	LEAD	NITRATE/NITRITE	OIL & GREASE	PAH (EPA 8270)	PCB	PVOC (EPA 8021)	PVOC + NAPHTHALENE	SULFATE	TOTAL SUSPENDED SOLIDS	VOC DW (EPA 524.2)	VOC (EPA 8260)	VOC AIR (TO - 15)	8-RCRA METALS	PID/FID

Lab I.D.	Sample I.D.	Collection		Filtered Y/N	No. of Containers	Sample Type (Matrix)*	Preservation
		Date	Time				
<i>5042133A</i>	<i>3616 Silver Creek</i>	<i>7/6/23</i>	<i>8:15</i>	<i>N</i>	<i>3</i>	<i>GW</i>	<i>HCL</i>
	<i>B 3310 S. 19th St</i>	<i>7/6/23</i>	<i>8:45</i>	<i>N</i>	<i>3</i>	<i>GW</i>	<i>HCL</i>
	<i>C TBO70623</i>	<i>7/6/23</i>	<i>-</i>	<i>N</i>	<i>2</i>	<i>-</i>	<i>HCL</i>

Comments/Special Instructions (*Specify groundwater "GW", Drinking Water "DW", Waste Water "WW", Soil "S", Air "A", Oil, Sludge, etc.)
3310 S. 19th - confirmation

Sample Integrity - To be completed by receiving lab.
 Method of Shipment: *drive*
 Temp. of Temp. Blank: _____ °C On Ice: *X*
 Cooler seal intact upon receipt: Yes _____ No

Relinquished By: (sign) *[Signature]* Time: *10:00* Date: *7/6/23*
 Received By: (sign) _____ Time: _____ Date: _____
 Received in Laboratory By: *alt* *cll* Time: *1000* Date: *7/6/23*

Appendix B - Homeowner Results Letters



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Ms. Tonya Koeppe
1514 Lone Oak Lane
Manitowoc, WI 54220

RE: 1512 – 1514 Lone Oak Lane – Shared Well

COPY

Dear Tonya:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 13, 2023.

The City is in receipt of the sample results for your property. The results indicate the presence of cis-1,2-Dichloroethene, detected by the laboratory at levels below the drinking water standard of 70 micrograms per liter (ug/l). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. Since your drinking water well has a detect of cis-1,2-Dichloroethene your property is eligible to be hooked up to water main. In the next few weeks we will be contacting you with information on next steps. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR and WHDS contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney
1512 Lone Oak Lane

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545S
 Sample ID 1514 LONE OAK
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/17/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/17/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/17/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/17/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/17/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/17/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/17/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/17/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/17/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/17/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/17/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/17/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/17/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/17/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/17/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/17/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/17/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/17/2023	CJR	1
cis-1,2-Dichloroethene	0.32 "J"	ug/l	0.32	1.29	1	8260B		6/17/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/17/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/17/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/17/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/17/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/17/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/17/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/17/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/17/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/17/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/17/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/17/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/17/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/17/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/17/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545S
Sample ID 1514 LONE OAK
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/17/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/17/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/17/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/17/2023	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B		6/17/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		6/17/2023	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %			1	8260B		6/17/2023	CJR	1
SUR - Dibromofluoromethane	90	REC %			1	8260B		6/17/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Kevin Herrmann
1521 Lone Oak Rd.
Manitowoc, WI 54220

COPY

Dear Kevin & Darcie:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 29, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

DAVE HENDERSON
AECOM
1555 N RIVERCENTER DRIVE
MILWAUKEE, WI 53212

Report Date 06-Jul-23

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612A
Sample ID 1521 LONE OAK
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B	6/29/2023	6/29/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B	6/29/2023	6/29/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B	6/29/2023	6/29/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B	6/29/2023	6/29/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B	6/29/2023	6/29/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B	6/29/2023	6/29/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B	6/29/2023	6/29/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B	6/29/2023	6/29/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B	6/29/2023	6/29/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B	6/29/2023	6/29/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B	6/29/2023	6/29/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B	6/29/2023	6/29/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B	6/29/2023	6/29/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B	6/29/2023	6/29/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B	6/29/2023	6/29/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B	6/29/2023	6/29/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B	6/29/2023	6/29/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B	6/29/2023	6/29/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B	6/29/2023	6/29/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B	6/29/2023	6/29/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B	6/29/2023	6/29/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B	6/29/2023	6/29/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B	6/29/2023	6/29/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B	6/29/2023	6/29/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B	6/29/2023	6/29/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B	6/29/2023	6/29/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B	6/29/2023	6/29/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/29/2023	6/29/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B	6/29/2023	6/29/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612A
Sample ID 1521 LONE OAK
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/29/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/29/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/29/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/29/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/29/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/29/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/29/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/29/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/29/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/29/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/29/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/29/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/29/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/29/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/29/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/29/2023	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		6/29/2023	CJR	1
SUR - Dibromofluoromethane	96	REC %			1	8260B		6/29/2023	CJR	1
SUR - 4-Bromofluorobenzene	98	REC %			1	8260B		6/29/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			1	8260B		6/29/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Tom Dernlan
1701 Lissa Lane
Manitowoc, WI 54220

COPY

Dear Mr. & Mrs. Dernlan:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545KK
 Sample ID 1701 LISSA
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545KK
Sample ID 1701 LISSA
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	103	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	97	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	98	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

COPY

Mr. & Mrs. Robert Buck
1703 Lone Oak Lane
Manitowoc, WI 54220

Dear Robert & Melissa:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 12, 2023.

The City is in receipt of the sample results for your property. The results show a detect of vinyl chloride at 0.15 ug/l which is below the drinking water standard of 0.20 ug/l. According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. Since your drinking water well has a detect of vinyl chloride your property is eligible to be hooked up to water main. In the next few weeks we will be contacting you with information on next steps. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 50425450
 Sample ID 1703 LONE OAK
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/17/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/17/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/17/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/17/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/17/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/17/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/17/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/17/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/17/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/17/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/17/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/17/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/17/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/17/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/17/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/17/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/17/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/17/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/17/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/17/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/17/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/17/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/17/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/17/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/17/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/17/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/17/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/17/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/17/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/17/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/17/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/17/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/17/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 50425450
Sample ID 1703 LONE OAK
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/17/2023	CJR	1
Vinyl Chloride	0.15 "J"	ug/l	0.15	0.61	1	8260B		6/17/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/17/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/17/2023	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B		6/17/2023	CJR	1
SUR - Dibromofluoromethane	91	REC %			1	8260B		6/17/2023	CJR	1
SUR - 4-Bromofluorobenzene	91	REC %			1	8260B		6/17/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B		6/17/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Leslie Alexander and Debra Sieracki
1704 Lissa Lane
Manitowoc, WI 54220

COPY

Dear Leslie and Debra:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 12, 2022.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545K
 Sample ID 1704 LISSA
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545K
Sample ID 1704 LISSA
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil.	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %				1 8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	86	REC %				1 8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	89	REC %				1 8260B		6/16/2023	CJR	1
SUR - Toluene-d8	98	REC %				1 8260B		6/16/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Alan Szymczyk
1710 Lissa Ln
Manitowoc, WI 54220

COPY

Dear Al & Kathy:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 12, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545J
 Sample ID 1710 LISSA
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545J
Sample ID 1710 LISSA
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %				1 8260B		6/16/2023	CJR	1
SUR - Toluene-d8	99	REC %				1 8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	88	REC %				1 8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	85	REC %				1 8260B		6/16/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. David Doerner
1718 Jenny Rd.
Manitowoc, WI 54220

COPY

Dear Dave & Laura:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 29, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42612

Lab Code 5042612B
 Sample ID 1718 JENNY
 Sample Matrix Water
 Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/29/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/29/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/29/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/29/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/29/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/29/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/29/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/29/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/29/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/29/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/29/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/29/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/29/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/29/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/29/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/29/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/29/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/29/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/29/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/29/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/29/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/29/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/29/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/29/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/29/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/29/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/29/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/29/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/29/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/29/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/29/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/29/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/29/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612B
Sample ID 1718 JENNY
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/29/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/29/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/29/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/29/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %				1 8260B		6/29/2023	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %				1 8260B		6/29/2023	CJR	1
SUR - Dibromofluoromethane	97	REC %				1 8260B		6/29/2023	CJR	1
SUR - Toluene-d8	96	REC %				1 8260B		6/29/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Michael Gilbert
1805 Lissa Lane
Manitowoc, WI 54220

COPY

Dear Mr. & Mrs. Gilbert:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545LL
 Sample ID 1805 LISSA
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545LL
Sample ID 1805 LISSA
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	89	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	103	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Rick Salta
4726 Hessel Ct.
Manitowoc, WI 54220

COPY

Re: 1821 Viebahn St.

Dear Rick:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 29, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

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WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney
1821 Viebahn St.

Attachment: Laboratory Data

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612D
Sample ID 1821 VIEBAHN
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/29/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/29/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/29/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/29/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/29/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/29/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/29/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/29/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/29/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/29/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/29/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/29/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/29/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/29/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/29/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/29/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/29/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/29/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/29/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/29/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/29/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/29/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/29/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/29/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/29/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/29/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/29/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/29/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/29/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/29/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/29/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/29/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/29/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612D
Sample ID 1821 VIEBAHN
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/29/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/29/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/29/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/29/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %				1 8260B		6/29/2023	CJR	1
SUR - 4-Bromofluorobenzene	97	REC %				1 8260B		6/29/2023	CJR	1
SUR - Dibromofluoromethane	99	REC %				1 8260B		6/29/2023	CJR	1
SUR - Toluene-d8	96	REC %				1 8260B		6/29/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Edward Rivet
2406 Birch Road
Manitowoc, WI 54220

COPY

RE: 2406 and 2512 Birch Road Shared Well

Dear Ed & Debra:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 14, 2023.

The City is in receipt of the sample results for your property. The results indicate the presence of cis-1-2-Dichloroethene, detected by the laboratory at levels below the drinking water standard of 70 micrograms per liter (ug/l). The results also indicate the presence of VOCs above Enforcement Standards. We recommend that you use the bottled water the City has provided to you for drinking, cooking and brushing teeth. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 52545AAA
 Sample ID 2406 BIRCH
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/21/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/21/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/21/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/21/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/21/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/21/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/21/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/21/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/21/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/21/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/21/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/21/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/21/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/21/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/21/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/21/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/21/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/21/2023	CJR	1
cis-1,2-Dichloroethene	0.40 "J"	ug/l	0.32	1.29	1	8260B		6/21/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/21/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/21/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/21/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/21/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/21/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/21/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/21/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/21/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/21/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/21/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/21/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/21/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/21/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/21/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 52545AAA
Sample ID 2406 BIRCH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/21/2023	CJR	1
Vinyl Chloride	0.29 "J"	ug/l	0.15	0.61	1	8260B		6/21/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/21/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/21/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %				1 8260B		6/21/2023	CJR	1
SUR - 4-Bromofluorobenzene	93	REC %				1 8260B		6/21/2023	CJR	1
SUR - Dibromofluoromethane	97	REC %				1 8260B		6/21/2023	CJR	1
SUR - Toluene-d8	100	REC %				1 8260B		6/21/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Troy Stockinger
2407 Elm Road
Manitowoc, WI 54220

COPY

Dear Mr. & Mrs. Stockinger:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 13, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dah Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545GG
 Sample ID 2407 ELM
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545GG
Sample ID 2407 ELM
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	86	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	91	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	95	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	98	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Nicholas Sieracki
2408 Elm Road
Manitowoc, WI 54220

COPY

Dear Nick:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 54254500
 Sample ID 2408 ELM
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 54254500
Sample ID 2408 ELM
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	97	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	92	REC %				1 8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	104	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	85	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Larry Sonnenburg
2417 Elm Road
Manitowoc, WI 54220

COPI

Dear Larry:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 12, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545H
 Sample ID 2417 ELM
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545H
Sample ID 2417 ELM
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	84	REC %				1 8260B		6/16/2023	CJR	1
SUR - Toluene-d8	95	REC %				1 8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	86	REC %				1 8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %				1 8260B		6/16/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Kaeovongphet
2501 Nelson Lane
Manitowoc, WI 54220

COPY

Dear Mr. & Mrs. Kaeovongphet:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 13, 2023.

The City is in receipt of the sample results for your property. The results indicate the presence of cis-1-2-Dichloroethene, detected by the laboratory at levels below the drinking water standard of 70 micrograms per liter (ug/l). The results also indicate the presence of VOCs above Enforcement Standards. We recommend that you use the bottled water the City has provided to you for drinking, cooking and brushing teeth. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545DD
 Sample ID 2501 NELSON
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	0.53 "J"	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545DD
Sample ID 2501 NELSON
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	0.42 "J"	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %			1	8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %			1	8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	89	REC %			1	8260B		6/19/2023	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B		6/19/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Ms. Lisa Green
1517 A S 10th St.
Manitowoc, WI 54220

COPY

RE: 2508 Nelson Lane

Dear Lisa:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 12, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney
2508 Nelson Lane

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545E
 Sample ID 2508 NELSON
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545E
Sample ID 2508 NELSON
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	88	REC %				1 8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	84	REC %				1 8260B		6/16/2023	CJR	1
SUR - Toluene-d8	98	REC %				1 8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %				1 8260B		6/16/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Thomas Vogel
2706 CTH CR
Manitowoc, WI 54220

COPY

Dear Tom:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 14, 2023.

The City is in receipt of the sample results for your property. The results indicate the presence of VOCs above Enforcement Standards. We recommend that you continue to use bottled water being provided to you for drinking, cooking and brushing teeth. Since your drinking water well has a detect of vinyl chloride your property is eligible to be hooked up to water main. In the next few weeks we will be contacting you with information on next steps. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545PP
 Sample ID 2706 CTH CR
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545PP
Sample ID 2706 CTH CR
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	0.39 "J"	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %			1	8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	94	REC %			1	8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

COPY

Ms. Victoria Jurk
2811 S. 15th St.
Manitowoc, WI 54220

Dear Vickie:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 12, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545L
 Sample ID 2811 S 15TH
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545L
Sample ID 2811 S 15TH
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %				1 8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %				1 8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	83	REC %				1 8260B		6/16/2023	CJR	1
SUR - Toluene-d8	99	REC %				1 8260B		6/16/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Roger Noskowiak
2821 S. 19th St.
Manitowoc, WI 54220

RE: 2833 S. 19th St.

Dear Roger:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 13, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney
2833 S. 19th St.

Attachment: Laboratory Data

COPY

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545EE
 Sample ID 2833 S. 19TH
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545EE
Sample ID 2833 S. 19TH
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	93	REC %			1	8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	88	REC %			1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %			1	8260B		6/19/2023	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		6/19/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. James Eberhardt
2911 CTH CR
Manitowoc, WI 54220

COPY

Dear Jim & Carol:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 14, 2023.

The City is in receipt of the sample results for your property. The results do not indicate the presence of Volatile Organic Compounds (VOCs). Since your private well showed the presence of PFAS above proposed WDNR standards in a previous test, out of an abundance of caution we recommend that you continue to use bottled water being provided for drinking, cooking and brushing teeth. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545TT
 Sample ID 2911 CTH CR
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545TT
Sample ID 2911 CTH CR
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	100	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	90	REC %				1 8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Ronald Eberhardt
3023 CTH CR
Manitowoc, WI 54220

COPY

Dear Ron & Corinna:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545ZZ
 Sample ID 3023 CTH CR
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/21/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/21/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/21/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/21/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/21/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/21/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/21/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/21/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/21/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/21/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/21/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/21/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/21/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/21/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/21/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/21/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/21/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/21/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/21/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/21/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/21/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/21/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/21/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/21/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/21/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/21/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/21/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/21/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/21/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/21/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/21/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/21/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/21/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	3
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545ZZ
 Sample ID 3023 CTH CR
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/21/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/21/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/21/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/21/2023	CJR	1
SUR - Toluene-d8	101	REC %			1	8260B		6/21/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	87	REC %			1	8260B		6/21/2023	CJR	1
SUR - 4-Bromofluorobenzene	95	REC %			1	8260B		6/21/2023	CJR	1
SUR - Dibromofluoromethane	94	REC %			1	8260B		6/21/2023	CJR	1

"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

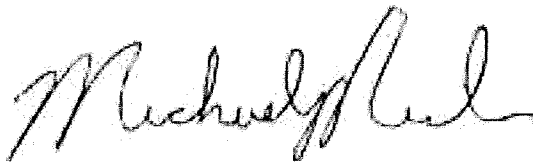
LOQ Limit of Quantitation

Code **Comment**

- 1 Laboratory QC within limits.
- 3 The matrix spike not within established limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature





CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Ms. Brenda Birringer
3027 Orchard Lane
Manitowoc, WI 54220

COPY

Dear Brenda:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 12, 2023.

The City is in receipt of the sample results for your property. The results indicate the presence of cis-1-2-Dichloroethene, detected by the laboratory at levels below the drinking water standard of 70 micrograms per liter (ug/l). The results also indicate the presence of VOCs above Enforcement Standards. We recommend that you continue to use bottled water being provided to you for drinking, cooking and brushing teeth. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR and WHDS contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 662-5178
WDNR, Remediation & Redevelopment
- Health Questions: Curtis Hedman, Ph.D. (608) 266-6677
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

DAVE HENDERSON
 AECOM
 1555 N RIVERCENTER DRIVE
 MILWAUKEE, WI 53212

Report Date 22-Jun-23

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545A
 Sample ID 3027 ORCHARD
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	3
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	0.51 "J"	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545A
 Sample ID 3027 ORCHARD
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	3
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	3
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	3
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	3
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	0.28 "J"	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %			1	8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	86	REC %			1	8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	86	REC %			1	8260B		6/16/2023	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		6/16/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

COPY

Mr. & Mrs. Jack Wetenkamp
3113 S. 15th St.
Manitowoc, WI 54220

Dear Jack & Julie:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545XX
 Sample ID 3113 S. 15TH
 Sample Matrix Water
 Sample Date 6/14/2023

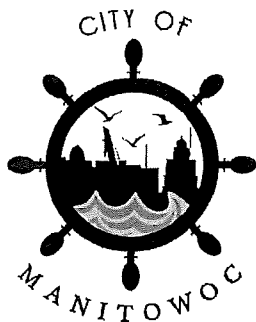
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545XX
Sample ID 3113 S. 15TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	102	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	94	REC %				1 8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Travis Ouradnik
3202 S. 19th St.
Manitowoc, WI 54220

COPY

Dear Mr. Ouradnik:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 12, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545M
 Sample ID 3202 S 19TH
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/17/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/17/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/17/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/17/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/17/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/17/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/17/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/17/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/17/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/17/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/17/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/17/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/17/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/17/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/17/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/17/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/17/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/17/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/17/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/17/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/17/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/17/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/17/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/17/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/17/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/17/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/17/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/17/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/17/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/17/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/17/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/17/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/17/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545M
Sample ID 3202 S 19TH
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/17/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/17/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/17/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/17/2023	CJR	1
SUR - 4-Bromofluorobenzene	88	REC %				1 8260B		6/17/2023	CJR	1
SUR - Dibromofluoromethane	88	REC %				1 8260B		6/17/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %				1 8260B		6/17/2023	CJR	1
SUR - Toluene-d8	98	REC %				1 8260B		6/17/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. David Meyer
3203 S. 26th St.
Manitowoc, WI 54220

COPY

Dear David & Nancy:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 52545BBB
 Sample ID 3203 S. 26TH
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/21/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/21/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/21/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/21/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/21/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/21/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/21/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/21/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/21/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/21/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/21/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/21/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/21/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/21/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/21/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/21/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/21/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/21/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/21/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/21/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/21/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/21/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/21/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/21/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/21/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/21/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/21/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/21/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/21/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/21/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/21/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/21/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/21/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 52545BBB
Sample ID 3203 S. 26TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/21/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/21/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/21/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/21/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %				1 8260B		6/21/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %				1 8260B		6/21/2023	CJR	1
SUR - Dibromofluoromethane	97	REC %				1 8260B		6/21/2023	CJR	1
SUR - Toluene-d8	100	REC %				1 8260B		6/21/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

COPY

Ms. Diane Thiers
3205 Lone Oak Ln.
Manitowoc, WI 54220

Dear Ms. Thiers:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 12, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545D
 Sample ID 3205 LONE OAK
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545D
Sample ID 3205 LONE OAK
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	88	REC %			1	8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	86	REC %			1	8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	85	REC %			1	8260B		6/16/2023	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		6/16/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Scott Wetenkamp
3210 S 19th St.
Manitowoc, WI 54220

COPY

Dear Scott & Lisa:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 12, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545P
 Sample ID 3210 S 19TH
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/17/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/17/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/17/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/17/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/17/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/17/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/17/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/17/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/17/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/17/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/17/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/17/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/17/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/17/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/17/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/17/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/17/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/17/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/17/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/17/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/17/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/17/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/17/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/17/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/17/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/17/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/17/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/17/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/17/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/17/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/17/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/17/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/17/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545P
Sample ID 3210 S 19TH
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/17/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/17/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/17/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/17/2023	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B		6/17/2023	CJR	1
SUR - Dibromofluoromethane	87	REC %			1	8260B		6/17/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %			1	8260B		6/17/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	89	REC %			1	8260B		6/17/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Tim Flegal
3304 S 15th St.
Manitowoc, WI 54220

COPY

Dear Mr. & Mrs. Flegal:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 13, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545U
 Sample ID 3304 S 15TH
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545U
Sample ID 3304 S 15TH
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	91	REC %			1	8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	87	REC %			1	8260B		6/19/2023	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B		6/19/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. William Gamble
3304 S. 19th St.
Manitowoc, WI 54220

COPY

Dear Bill & JoAnn:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 13, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545X
 Sample ID 3304 S 19TH
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545X
Sample ID 3304 S 19TH
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	86	REC %				1 8260B		6/19/2023	CJR	1
SUR - Toluene-d8	101	REC %				1 8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %				1 8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %				1 8260B		6/19/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Randall Vogel
3307 S. 19th St.
Manitowoc, WI 54220

COPY

Dear Randy & Vera:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545QQ
 Sample ID 3307 S. 19TH
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545QQ
Sample ID 3307 S. 19TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	91	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	98	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %				1 8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Mark Krejcarek
3310 S. 19th St.
Manitowoc, WI 54220

COPY

Dear Mark & Joanne:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 13, 2023 and a confirmation test was done on July 6, 2023.

The City is in receipt of the sample results for your property. The well test performed on June 13, 2023 indicated the presence of volatile organic compounds (VOCs) above enforcement standards. The city contacted Kaat's Culligan to arrange bottled water for you to use for drinking, cooking and brushing teeth and you chose to decline the offer and wait for the confirmation test.

The confirmation results show that water from your well does not indicate the presence of volatile organic compounds (VOCs). Since your well had an exceedance of VOCs in the June 13 test, we recommend that you accept our offer of Kaat's Culligan bottled water to use for drinking, cooking and brushing teeth. Since your drinking water well has a detect of vinyl chloride your property is eligible to be hooked up to water main. In the next few weeks we will be contacting you with information on next steps. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42633

Lab Code 5042633B
 Sample ID 3310 S. 19TH ST.
 Sample Matrix Water
 Sample Date 7/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		7/7/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		7/7/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		7/7/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		7/7/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		7/7/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		7/7/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		7/7/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		7/7/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		7/7/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		7/7/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		7/7/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		7/7/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		7/7/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		7/7/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		7/7/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		7/7/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		7/7/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		7/7/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		7/7/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		7/7/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		7/7/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		7/7/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		7/7/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		7/7/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		7/7/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		7/7/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		7/7/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		7/7/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		7/7/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		7/7/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		7/7/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		7/7/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		7/7/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		7/7/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		7/7/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		7/7/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		7/7/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		7/7/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		7/7/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		7/7/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		7/7/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		7/7/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		7/7/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		7/7/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		7/7/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		7/7/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		7/7/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42633

Lab Code 5042633B
Sample ID 3310 S. 19TH ST.
Sample Matrix Water
Sample Date 7/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		7/7/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		7/7/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		7/7/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		7/7/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %			1	8260B		7/7/2023	CJR	1
SUR - 4-Bromofluorobenzene	100	REC %			1	8260B		7/7/2023	CJR	1
SUR - Dibromofluoromethane	110	REC %			1	8260B		7/7/2023	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		7/7/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545W
 Sample ID 3310 S. 19TH
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545W
Sample ID 3310 S. 19TH
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B	6/19/2023	6/19/2023	CJR	1
Vinyl Chloride	0.22 "J"	ug/l	0.15	0.61	1	8260B	6/19/2023	6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B	6/19/2023	6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - Dibromofluoromethane	85	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	93	REC %			1	8260B	6/19/2023	6/19/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Glen Guetschow
3312 CTH CR
Manitowoc, WI 54220

COPY

Dear Mr. Glen & Kris:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 13, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545Z
 Sample ID 3312 CTH CR
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545Z
Sample ID 3312 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %				1 8260B		6/19/2023	CJR	1
SUR - Toluene-d8	99	REC %				1 8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	86	REC %				1 8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	89	REC %				1 8260B		6/19/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

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COPY

Mr. & Mrs. Travis Peterson
3315 Cimarron Ct.
Manitowoc, WI 54220

RE: 3315 Cimarron – 3327 Cimarron – Shared Well

Dear Travis & Sarah:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 12, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney
3327 Cimarron Ct.

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545I
 Sample ID 3315 CIMARRON
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545I
Sample ID 3315 CIMARRON
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	88	REC %				1 8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	91	REC %				1 8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	85	REC %				1 8260B		6/16/2023	CJR	1
SUR - Toluene-d8	95	REC %				1 8260B		6/16/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

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July 24, 2023

Mr. & Mrs. Dennis Karbon
3319 Jenny Road
Manitowoc, WI 54220

COPY

Dear Mr. & Mrs. Karbon:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 13, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545BB
 Sample ID 3319 JENNY
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545BB
Sample ID 3319 JENNY
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - Toluene-d8	97	REC %				1 8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	91	REC %				1 8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	87	REC %				1 8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %				1 8260B		6/19/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Ms. Mary Koch
3319 S 19th St.
Manitowoc, WI 54220

COPY

Dear Mary:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545SS
Sample ID 3319 S. 19TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545SS
Sample ID 3319 S. 19TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	90	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	91	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	100	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Joseph Mancheski
3320 Hecker Rd
Manitowoc, WI 54220

COPY

Dear Mr. Joseph Mancheski:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 12, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545Q
 Sample ID 3320 HECKER
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/17/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/17/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/17/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/17/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/17/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/17/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/17/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/17/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/17/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/17/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/17/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/17/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/17/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/17/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/17/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/17/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/17/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/17/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/17/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/17/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/17/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/17/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/17/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/17/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/17/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/17/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/17/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/17/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/17/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/17/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/17/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/17/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/17/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545Q
Sample ID 3320 HECKER
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/17/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/17/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/17/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/17/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %			1	8260B		6/17/2023	CJR	1
SUR - 4-Bromofluorobenzene	86	REC %			1	8260B		6/17/2023	CJR	1
SUR - Dibromofluoromethane	90	REC %			1	8260B		6/17/2023	CJR	1
SUR - Toluene-d8	98	REC %			1	8260B		6/17/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

COPY

Mr. Jason Koenig
3321 Jenny Road
Manitowoc, WI 54220

Dear Jason:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545RR
 Sample ID 3321 JENNY
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545RR
Sample ID 3321 JENNY
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	96	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	100	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Scott A. Hyde
3322 CTH CR
Manitowoc, WI 54220

COPY

Dear Scott:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 13, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545II
 Sample ID 3322 CTH CR
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545II
Sample ID 3322 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	86	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	95	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	104	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Richard Brey
3406 Cimarron Ct.
Manitowoc, WI 54220

COPI

RE: 3406 Cimarron Ct. – 2328 Jenny Rd. – Shared Well

Dear Mr. & Mrs. Brey:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 12, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to WDNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Kathleen McDaniel (920) 686-6990
City of Manitowoc, City Attorney

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: 2328 Jenny Road
City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545F
 Sample ID 3406 CIMARRON
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545F
Sample ID 3406 CIMARRON
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %				1 8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	90	REC %				1 8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	81	REC %				1 8260B		6/16/2023	CJR	1
SUR - Toluene-d8	98	REC %				1 8260B		6/16/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

COPY

Mr. Paul Pritzl
3407 S. 26th St.
Manitowoc, WI 54220

Dear Paul:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545UU
 Sample ID 3407 S. 26TH
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545UU
Sample ID 3407 S. 26TH
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	91	REC %			1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	100	REC %			1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	101	REC %			1	8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Ms. Louise E. Ropp
3412 CTH CR
Manitowoc, WI 54220

COPY

Dear Louise:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 12, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to WDNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR and WHDS contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545G
Sample ID 3412 CTH CR
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545G
Sample ID 3412 CTH CR
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	88	REC %			1	8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	85	REC %			1	8260B		6/16/2023	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %			1	8260B		6/16/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Nicholas Derenne
3422 CTH CR
Manitowoc, WI 54220

COPY

Dear Nick:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 12, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to WDNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR and WHDS contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545N
 Sample ID 3422 CTH CR
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/17/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/17/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/17/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/17/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/17/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/17/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/17/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/17/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/17/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/17/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/17/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/17/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/17/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/17/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/17/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/17/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/17/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/17/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/17/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/17/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/17/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/17/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/17/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/17/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/17/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/17/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/17/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/17/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/17/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/17/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/17/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/17/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/17/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545N
Sample ID 3422 CTH CR
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/17/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/17/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/17/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/17/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	109	REC %				1 8260B		6/17/2023	CJR	1
SUR - 4-Bromofluorobenzene	88	REC %				1 8260B		6/17/2023	CJR	1
SUR - Dibromofluoromethane	98	REC %				1 8260B		6/17/2023	CJR	1
SUR - Toluene-d8	99	REC %				1 8260B		6/17/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Allen Braun
414 Magnolia Ave.
Manitowoc, WI 54220

COPY

RE: 3461(3417) Hecker Road

Dear Mr. Braun:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 12, 2023.

The City is in receipt of the sample results for your property. The results indicate the presence of cis-1-2-Dichloroethene, detected by the laboratory at levels below the drinking water standard of 70 micrograms per liter (ug/l). Since a previous result showed an exceedance of the proposed PFAS standards, while the proposed WDHS PFAS standards are not law, out of an abundance of caution we recommend that you continue to use bottled water for drinking, cooking and brushing teeth. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545C
 Sample ID 3461 HECKER
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	1.44	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545C
Sample ID 3461 HECKER
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	92	REC %				1 8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	91	REC %				1 8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	86	REC %				1 8260B		6/16/2023	CJR	1
SUR - Toluene-d8	102	REC %				1 8260B		6/16/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Michael Hardow & Mr. & Mrs. John Monka
3523 CTH CR
Manitowoc, WI 54220

COPY

Dear Mr. Hardow & Mr. & Mrs. Monka:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 13, 2023.

The City is in receipt of the sample results for your property. The results show no detects of Volatile Organic Compounds (VOCs). Since a previous result showed an exceedance of the proposed PFAS standards, while the proposed WDHS PFAS standards are not law, out of an abundance of caution we recommend that you continue to use bottled water for drinking, cooking and brushing teeth. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545T
 Sample ID 3523 CTH CR
 Sample Matrix Water
 Sample Date 6/13/2023

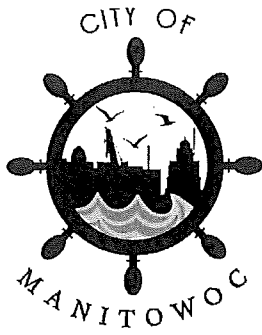
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/17/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/17/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/17/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/17/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/17/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/17/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/17/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/17/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/17/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/17/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/17/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/17/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/17/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/17/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/17/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/17/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/17/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/17/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/17/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/17/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/17/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/17/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/17/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/17/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/17/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/17/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/17/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/17/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/17/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/17/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/17/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/17/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/17/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/17/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/17/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/17/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/17/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/17/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/17/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/17/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/17/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545T
Sample ID 3523 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/17/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/17/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/17/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/17/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	90	REC %			1	8260B		6/17/2023	CJR	1
SUR - 4-Bromofluorobenzene	95	REC %			1	8260B		6/17/2023	CJR	1
SUR - Dibromofluoromethane	89	REC %			1	8260B		6/17/2023	CJR	1
SUR - Toluene-d8	94	REC %			1	8260B		6/17/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Michael Hardow
3533 CTH CR
Manitowoc, WI 54220

COPY

Dear Mike and Kelly:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 14, 2023.

The City is in receipt of the sample results for your property. The results show no detects of Volatile Organic Compounds (VOCs). Since a previous result showed an exceedance of the proposed PFAS standards, while the proposed WDHS PFAS standards are not law, out of an abundance of caution we recommend that you continue to use bottled water for drinking, cooking and brushing teeth. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545NN
 Sample ID 3533 CTH CR
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	3
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	3
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	3
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	3
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	3
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	3
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	3
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	3

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545NN
Sample ID 3533 CTH CR
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	94	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	93	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	92	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	103	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Steven Gadzinski
3611 CTH CR
Manitowoc, WI 54220

COPY

Dear Steven:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 13, 2023.

The City is in receipt of the sample results for your property. The results show no detects of Volatile Organic Compounds (VOCs). Since a previous result showed an exceedance of the proposed PFAS standards, while the proposed WDHS PFAS standards are not law, out of an abundance of caution we recommend that you continue to use bottled water for drinking, cooking and brushing teeth. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545V
 Sample ID 3611 CTH CR
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545V
Sample ID 3611 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	93	REC %				1 8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %				1 8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	86	REC %				1 8260B		6/19/2023	CJR	1
SUR - Toluene-d8	98	REC %				1 8260B		6/19/2023	CJR	1



CITY OF MANITOWOC

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July 24, 2023

COPY

Mr. & Mrs. Andy Hainzinger
3616 Silver Creek Road
Manitowoc, WI 54220

Dear Andy & Emma:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on July 6, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Synergy Environmental Lab, INC.

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

DAVE HENDERSON
AECOM
1555 N RIVERCENTER DRIVE
MILWAUKEE, WI 53212

Report Date 10-Jul-23

Project Name NEWTON, WI
Project # 60135471

Invoice # E42633

Lab Code 5042633A
Sample ID 3616 SILVER CREEK
Sample Matrix Water
Sample Date 7/6/2023

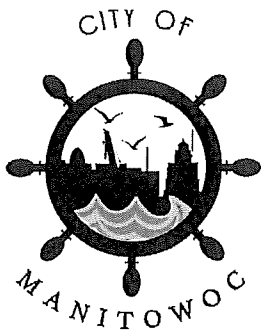
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		7/7/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		7/7/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		7/7/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		7/7/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		7/7/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		7/7/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		7/7/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		7/7/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		7/7/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		7/7/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		7/7/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		7/7/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		7/7/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		7/7/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		7/7/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		7/7/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		7/7/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		7/7/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		7/7/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		7/7/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		7/7/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		7/7/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		7/7/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		7/7/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		7/7/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		7/7/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		7/7/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		7/7/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		7/7/2023	CJR	1

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42633

Lab Code 5042633A
 Sample ID 3616 SILVER CREEK
 Sample Matrix Water
 Sample Date 7/6/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		7/7/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		7/7/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		7/7/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		7/7/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		7/7/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		7/7/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		7/7/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		7/7/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		7/7/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		7/7/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		7/7/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		7/7/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		7/7/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		7/7/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		7/7/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		7/7/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		7/7/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		7/7/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		7/7/2023	CJR	1
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		7/7/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		7/7/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		7/7/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		7/7/2023	CJR	1
SUR - Toluene-d8	92	REC %			1	8260B		7/7/2023	CJR	1
SUR - Dibromofluoromethane	110	REC %			1	8260B		7/7/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	90	REC %			1	8260B		7/7/2023	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %			1	8260B		7/7/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Al Rady
3626 CTH CR
Manitowoc, WI 54220

COPY

Dear Al:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545WW
 Sample ID 3626 CTH CR
 Sample Matrix Water
 Sample Date 6/14/2023

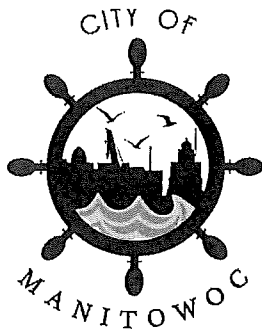
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545WW
Sample ID 3626 CTH CR
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	95	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	93	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	100	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Guy LeClair
3429 S. 19th St.
Manitowoc, WI 54220

COPY

RE: 3627 CTH CR

Dear Guy:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to WDNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR and WHDS contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545JJ
 Sample ID 3627 CTH CR
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545JJ
Sample ID 3627 CTH CR
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	99	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	92	REC %				1 8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	95	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Randy Rohr
3627 Hecker Road
Manitowoc, WI 54220

COPY

Dear Randy:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

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WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 52545CCC
 Sample ID 3627 HECKER
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/21/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/21/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/21/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/21/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/21/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/21/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/21/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/21/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/21/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/21/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/21/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/21/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/21/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/21/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/21/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/21/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/21/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/21/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/21/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/21/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/21/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/21/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/21/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/21/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/21/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/21/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/21/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/21/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/21/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/21/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/21/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/21/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/21/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/21/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/21/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/21/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/21/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/21/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/21/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/21/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/21/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 52545CCC
Sample ID 3627 HECKER
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/21/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/21/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/21/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/21/2023	CJR	1
SUR - 4-Bromofluorobenzene	94	REC %				1 8260B		6/21/2023	CJR	1
SUR - Dibromofluoromethane	98	REC %				1 8260B		6/21/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %				1 8260B		6/21/2023	CJR	1
SUR - Toluene-d8	99	REC %				1 8260B		6/21/2023	CJR	1



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July 24, 2023

COPY

Mr. & Mrs. Charles Kauth
3780 Silver Creek Rd.
Manitowoc, WI 54220

Dear Mr. & Mrs. Kauth:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 29, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42612

Lab Code 5042612C
 Sample ID 3780 SILVER CREEK
 Sample Matrix Water
 Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/29/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/29/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/29/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/29/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/29/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/29/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/29/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/29/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/29/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/29/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/29/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/29/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/29/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/29/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/29/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/29/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/29/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/29/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/29/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/29/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/29/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/29/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/29/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/29/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/29/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/29/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/29/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/29/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/29/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/29/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/29/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/29/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/29/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/29/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/29/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/29/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/29/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/29/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/29/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/29/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/29/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42612

Lab Code 5042612C
Sample ID 3780 SILVER CREEK
Sample Matrix Water
Sample Date 6/29/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/29/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/29/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/29/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/29/2023	CJR	1
SUR - 4-Bromofluorobenzene	99	REC %				1 8260B		6/29/2023	CJR	1
SUR - Dibromofluoromethane	98	REC %				1 8260B		6/29/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	99	REC %				1 8260B		6/29/2023	CJR	1
SUR - Toluene-d8	93	REC %				1 8260B		6/29/2023	CJR	1



CITY OF MANITOWOC

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July 24, 2023

COPY

Mr. & Mrs. Richard Aukamp
3802 Silver Creek Rd.
Manitowoc, WI 54220

Dear Mr. & Mrs. Aukamp:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545MM
 Sample ID 3802 SILVER CREEK
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545MM
Sample ID 3802 SILVER CREEK
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	90	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	92	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	102	REC %				1 8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	98	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Lawrence Kakatsch, Jr.
3825 Viebahn
Manitowoc, WI 54220

COPY

Dear Debra & Lawrence:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to WDNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR and WHDS contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545YY
 Sample ID 3825 VIEBAHN
 Sample Matrix Water
 Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545YY
Sample ID 3825 VIEBAHN
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	87	REC %				1 8260B		6/20/2023	CJR	1
SUR - Toluene-d8	102	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	90	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. Ryan Norton
4024 CTH CR
Manitowoc, WI 54220

COPY

Dear Ryan:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 13, 2023.

The City is in receipt of the sample results for your property. The results indicate the presence of cis-1-2-Dichloroethene, detected by the laboratory at levels below the drinking water standard of 70 micrograms per liter (ug/l). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545HH
 Sample ID 4024 CTH CR
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	0.37 "J"	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545HH
Sample ID 4024 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	98	REC %				1 8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	89	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	93	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Mr. & Mrs. Kevin Kapla
14730 Devils River Dr.
Maribel, WI 54227

COPY

RE: 4125 CTH CR

Dear Mr. & Mrs. Kapla:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 13, 2023.

The City is in receipt of the sample results for your property. The results indicate no presence of cis-1-2-Dichloroethene or vinyl chloride at or above drinking water standards. There is a detected contaminant unrelated to the Former Newton Gravel Pit that we wanted to point out to you. Results indicated the presence of Toluene, detected by the laboratory at levels below the drinking water standard of 800 ug/l. Since a previous result showed an exceedance of the proposed PFAS standards, while the proposed WDHS PFAS standards are not law, out of an abundance of caution we recommend that you continue to use bottled water for drinking, cooking and brushing teeth.

A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545CC
 Sample ID 4125 CTH CR
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	3.5	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545CC
Sample ID 4125 CTH CR
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - Toluene-d8	97	REC %			1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	91	REC %			1	8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %			1	8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	87	REC %			1	8260B		6/19/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Lakeland Landscape Inc.
Attn: Tim Krueger
4141 Viebahn St.
Manitowoc, WI 54220

COPY

Dear Tim:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private non-potable well was included in the sampling that took place on June 12, 2023.

The City is in receipt of the sample results for your property. The results continue to indicate the presence of VOC's above Enforcement Standards. The results also show the presence of cis-1,2-dichloroethene, detected by the laboratory at levels below the drinking water standard of 70 micrograms per liter (ug/l). This well is for your landscape business only to be used for watering purposes and all faucets must be marked as non-potable. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545B
 Sample ID 2717 CTH CR/4141 VIEBA
 Sample Matrix Water
 Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/16/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/16/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/16/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/16/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/16/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/16/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/16/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/16/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/16/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/16/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/16/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/16/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/16/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/16/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/16/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/16/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/16/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/16/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/16/2023	CJR	1
cis-1,2-Dichloroethene	1.33	ug/l	0.32	1.29	1	8260B		6/16/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/16/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/16/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/16/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/16/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/16/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/16/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/16/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/16/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/16/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/16/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/16/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/16/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/16/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/16/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/16/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/16/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/16/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/16/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/16/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/16/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/16/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545B
Sample ID 2717 CTH CR/4141 VIEBA
Sample Matrix Water
Sample Date 6/12/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/16/2023	CJR	1
Vinyl Chloride	0.44 "J"	ug/l	0.15	0.61	1	8260B		6/16/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/16/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/16/2023	CJR	1
SUR - Toluene-d8	96	REC %				1 8260B		6/16/2023	CJR	1
SUR - Dibromofluoromethane	83	REC %				1 8260B		6/16/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	100	REC %				1 8260B		6/16/2023	CJR	1
SUR - 4-Bromofluorobenzene	86	REC %				1 8260B		6/16/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

COPY

Mr. & Mrs. James Schramm
4159 Silver Creek Rd.
Manitowoc, WI 54220

Dear Mr. & Mrs. Schramm:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was tested on June 13, 2023.

The City is in receipt of the sample results for your property. The results indicate the presence of cis-1-2-Dichloroethene, detected by the laboratory at levels below the drinking water standard of 70 micrograms per liter (ug/l). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545FF
 Sample ID 4159 SILVER CREEK
 Sample Matrix Water
 Sample Date 6/13/2023

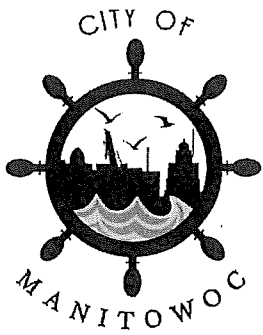
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	0.43 "J"	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545FF
Sample ID 4159 SILVER CREEK
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	96	REC %				1 8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	88	REC %				1 8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	91	REC %				1 8260B		6/19/2023	CJR	1
SUR - Toluene-d8	101	REC %				1 8260B		6/19/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Ms. Lynn Dzuba
4315 Silver Creek Rd.
Manitowoc, WI 54220

COPY

Dear Lynn:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 14, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 542545VV
 Sample ID 4315 SILVER CREEK
 Sample Matrix Water
 Sample Date 6/14/2023

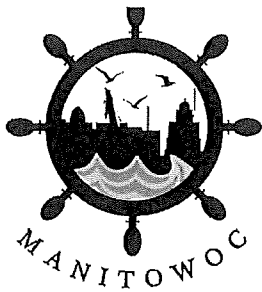
	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/20/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/20/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/20/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/20/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/20/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/20/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/20/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/20/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/20/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/20/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/20/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/20/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/20/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/20/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/20/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/20/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/20/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/20/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/20/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/20/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/20/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/20/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/20/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/20/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/20/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/20/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/20/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/20/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/20/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/20/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/20/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/20/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/20/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/20/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/20/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/20/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/20/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/20/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/20/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/20/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/20/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 542545VV
Sample ID 4315 SILVER CREEK
Sample Matrix Water
Sample Date 6/14/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/20/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/20/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/20/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/20/2023	CJR	1
SUR - Toluene-d8	97	REC %				1 8260B		6/20/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	85	REC %				1 8260B		6/20/2023	CJR	1
SUR - 4-Bromofluorobenzene	96	REC %				1 8260B		6/20/2023	CJR	1
SUR - Dibromofluoromethane	90	REC %				1 8260B		6/20/2023	CJR	1



CITY OF MANITOWOC

WISCONSIN, USA

www.manitowoc.org

July 24, 2023

Ms. Kim Barnard
7135 Long Lake Rd.
Brillion, WI 54110

COPY

RE: 2733 S. 19th St.

Dear Ms. Barnard:

Thank you for participating in the private drinking water well sampling done by the City of Manitowoc as part of an ongoing environmental groundwater investigation associated with the Former Town of Newton Gravel Pit. Your private well was included in the sampling that took place on June 13, 2023.

The City is in receipt of the sample results for your property. The results confirm that water from your well does not indicate the presence of volatile organic compounds (VOCs). According to DNR guidelines the well water remains fit for consumption, and you can continue using it with no limitations. A copy of your laboratory analytical results is attached.

If you have any questions please feel free to call us or the WDNR contacts listed below:

- Well water/sample results: Jim Kasdorf (920) 387-7872
WDNR, Drinking & Groundwater
- Investigation/future activities: Tauren Beggs (920) 510-3472
WDNR, Remediation & Redevelopment
- Health Questions: Nathan Kloczko (608) 867-4448
Wisconsin Department of Health Services
- General Questions: Karen Dorow (920) 686-6514
City of Manitowoc, Business Manager for Department of Public Infrastructure

Sincerely,

Dan Koski, P.E.
Director of Public Infrastructure
City of Manitowoc

Cc: 2733 S. 19th Street
City Attorney

Attachment: Laboratory Data

Project Name NEWTON, WI
 Project # 60135471

Invoice # E42545

Lab Code 5042545Y
 Sample ID 2733 S 19TH
 Sample Matrix Water
 Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic										
VOC's										
Benzene	< 0.3	ug/l	0.3	1.25	1	8260B		6/19/2023	CJR	1
Bromobenzene	< 0.34	ug/l	0.34	1.4	1	8260B		6/19/2023	CJR	1
Bromodichloromethane	< 0.36	ug/l	0.36	1.47	1	8260B		6/19/2023	CJR	1
Bromoform	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
tert-Butylbenzene	< 0.37	ug/l	0.37	1.49	1	8260B		6/19/2023	CJR	1
sec-Butylbenzene	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
n-Butylbenzene	< 0.71	ug/l	0.71	2.9	1	8260B		6/19/2023	CJR	1
Carbon Tetrachloride	< 0.34	ug/l	0.34	1.39	1	8260B		6/19/2023	CJR	1
Chlorobenzene	< 0.29	ug/l	0.29	1.19	1	8260B		6/19/2023	CJR	1
Chloroethane	< 0.62	ug/l	0.62	2.54	1	8260B		6/19/2023	CJR	1
Chloroform	< 0.33	ug/l	0.33	1.33	1	8260B		6/19/2023	CJR	1
Chloromethane	< 0.74	ug/l	0.74	3.03	1	8260B		6/19/2023	CJR	1
2-Chlorotoluene	< 0.34	ug/l	0.34	1.37	1	8260B		6/19/2023	CJR	1
4-Chlorotoluene	< 0.4	ug/l	0.4	1.63	1	8260B		6/19/2023	CJR	1
1,2-Dibromo-3-chloropropane	< 0.74	ug/l	0.74	3.01	1	8260B		6/19/2023	CJR	1
Dibromochloromethane	< 0.36	ug/l	0.36	1.46	1	8260B		6/19/2023	CJR	1
1,4-Dichlorobenzene	< 0.49	ug/l	0.49	2.01	1	8260B		6/19/2023	CJR	1
1,3-Dichlorobenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1
1,2-Dichlorobenzene	< 0.4	ug/l	0.4	1.65	1	8260B		6/19/2023	CJR	1
Dichlorodifluoromethane	< 0.3	ug/l	0.3	1.23	1	8260B		6/19/2023	CJR	1
1,2-Dichloroethane	< 0.43	ug/l	0.43	1.75	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethane	< 0.43	ug/l	0.43	1.74	1	8260B		6/19/2023	CJR	1
1,1-Dichloroethene	< 0.43	ug/l	0.43	1.76	1	8260B		6/19/2023	CJR	1
cis-1,2-Dichloroethene	< 0.32	ug/l	0.32	1.29	1	8260B		6/19/2023	CJR	1
trans-1,2-Dichloroethene	< 0.5	ug/l	0.5	2.02	1	8260B		6/19/2023	CJR	1
1,2-Dichloropropane	< 0.39	ug/l	0.39	1.58	1	8260B		6/19/2023	CJR	1
1,3-Dichloropropane	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
trans-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
cis-1,3-Dichloropropene	< 0.41	ug/l	0.41	1.67	1	8260B		6/19/2023	CJR	1
Di-isopropyl ether	< 0.48	ug/l	0.48	1.96	1	8260B		6/19/2023	CJR	1
EDB (1,2-Dibromoethane)	< 0.39	ug/l	0.39	1.59	1	8260B		6/19/2023	CJR	1
Ethylbenzene	< 0.33	ug/l	0.33	1.37	1	8260B		6/19/2023	CJR	1
Hexachlorobutadiene	< 0.81	ug/l	0.81	3.44	1	8260B		6/19/2023	CJR	1
Isopropylbenzene	< 0.34	ug/l	0.34	1.38	1	8260B		6/19/2023	CJR	1
p-Isopropyltoluene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Methylene chloride	< 0.79	ug/l	0.79	3.23	1	8260B		6/19/2023	CJR	1
Methyl tert-butyl ether (MTBE)	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Naphthalene	< 1.4	ug/l	1.4	5.56	1	8260B		6/19/2023	CJR	1
n-Propylbenzene	< 0.39	ug/l	0.39	1.6	1	8260B		6/19/2023	CJR	1
1,1,2,2-Tetrachloroethane	< 0.43	ug/l	0.43	1.77	1	8260B		6/19/2023	CJR	1
1,1,1,2-Tetrachloroethane	< 0.55	ug/l	0.55	2.25	1	8260B		6/19/2023	CJR	1
Tetrachloroethene	< 0.47	ug/l	0.47	1.91	1	8260B		6/19/2023	CJR	1
Toluene	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trichlorobenzene	< 0.63	ug/l	0.63	2.57	1	8260B		6/19/2023	CJR	1
1,2,3-Trichlorobenzene	< 1.4	ug/l	1.4	5.94	1	8260B		6/19/2023	CJR	1
1,1,1-Trichloroethane	< 0.33	ug/l	0.33	1.34	1	8260B		6/19/2023	CJR	1
1,1,2-Trichloroethane	< 0.42	ug/l	0.42	1.72	1	8260B		6/19/2023	CJR	1
Trichloroethene (TCE)	< 0.38	ug/l	0.38	1.55	1	8260B		6/19/2023	CJR	1
Trichlorofluoromethane	< 0.33	ug/l	0.33	1.35	1	8260B		6/19/2023	CJR	1
1,2,4-Trimethylbenzene	< 0.35	ug/l	0.35	1.44	1	8260B		6/19/2023	CJR	1

Project Name NEWTON, WI
Project # 60135471

Invoice # E42545

Lab Code 5042545Y
Sample ID 2733 S 19TH
Sample Matrix Water
Sample Date 6/13/2023

	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
1,3,5-Trimethylbenzene	< 0.41	ug/l	0.41	1.66	1	8260B		6/19/2023	CJR	1
Vinyl Chloride	< 0.15	ug/l	0.15	0.61	1	8260B		6/19/2023	CJR	1
m&p-Xylene	< 0.64	ug/l	0.64	2.63	1	8260B		6/19/2023	CJR	1
o-Xylene	< 0.37	ug/l	0.37	1.51	1	8260B		6/19/2023	CJR	1
SUR - 1,2-Dichloroethane-d4	97	REC %			1	8260B		6/19/2023	CJR	1
SUR - 4-Bromofluorobenzene	92	REC %			1	8260B		6/19/2023	CJR	1
SUR - Dibromofluoromethane	88	REC %			1	8260B		6/19/2023	CJR	1
SUR - Toluene-d8	99	REC %			1	8260B		6/19/2023	CJR	1