

Village of Pentwater

DWSRF 2025 Water Connection Information Packet

April 15, 2025



With additional questions or concerns, please email
manager@pentwatervillage.org.



April 1, 2025

Dear Homeowner,

We hope this letter finds you well. We are writing to inform you about an important update regarding the Village's new water well, which will soon be operational. As part of this project, all residents within 300 feet of the water main will be required to connect to the Village's water system within *one year* of it becoming *operational*. We understand that this may require some planning on your part, and we wanted to provide you with all the necessary details.

Water Connection Requirement

In accordance with Ordinance 50.06 (A), the following is required:

"All homes, dwellings, mobile homes, apartments, condominiums, offices, factories, retail establishments, restaurants, hotels, motels, and any other buildings, properties, parcels, lots, or establishments located within the Village that utilize water shall be required to connect to the Water Supply System where the water main is located within 300 feet and there is adequate capacity available in all water distribution piping, wells, and water towers."

This means that if your property is within 300 feet of the water main, you will be required to connect to the system once it is up and running.

Connection Fee

Please note that there will be a \$2,500 connection fee to cover the costs associated with the infrastructure and services provided by the water system. Payment plans are available to spread out the cost of the connection fee. We understand that this is an additional expense, and we wanted to make you aware of it as you plan for the upcoming connection. To set up a payment plan, please contact the Village Offices at (231) 869-8301.

Private Line Installation

Homeowners will need to arrange for the installation of their private water line to the main system. While you are free to choose your own contractor for this, Hallack Contracting Inc. may be able to offer more competitive pricing and convenience during the construction phase while they are mobilized on your street.



Village of Pentwater is an equal opportunity employer.

Next Steps

We ask that you make arrangements to complete the connection within one year after the system is operational to avoid any delays or penalties. At this point, the goal for the system to be operational is the end of 2025, however, it is too early in the construction process to have a definitive date. We will make sure to communicate official dates as soon as we have them. In the meantime, we encourage you to sign up for email or text message alerts through the Village website to receive weekly construction updates.

If you have any questions, concerns, or need assistance with contractors, please don't hesitate to reach out to us. We are here to help and ensure that the transition is as smooth as possible for you.

Thank you for your cooperation as we continue to improve the Village's infrastructure.

Sincerely,

Rachel Witherspoon

Rachel Witherspoon
Village Manager
Village of Pentwater
(231) 869-8301 Ext. 1



Watermain Connection Frequently Asked Questions

1. City water requirements: are they for both home and irrigation? I assume we'll need to connect for our home water use. We intend to keep our individual well for irrigation and other purposes.

Yes, you can maintain your well for irrigation!

2. Water quality: I also have questions about the water source and treatment. Currently, we have a water softener for our well, and I'm not sure what's needed with a new water source. What's the taste like? Will it have similar mineral content? (If I recall correctly, the source is a well.)

It is also a well and a water softener can still be used as it will still have a similar mineral taste. The water quality report is attached.

3. Reason for this investment: I understand why they're requiring a hookup, as it's likely a significant investment. I'm curious about the reason behind this investment. It's clearly something that homeowners will bear, and it may have already affected the tax base.

There are multiple reasons for this project including the need for a well in a separate location from the current 3 wells, additional capacity, and ensuring that there is safe drinking water for residents throughout the community. When a municipality installs a water system, this system is constantly monitored, tested, and in some cases treated to ensure it is safe. Individual wells are not tested as frequently and not maintained within state requirements. Additionally, this project brings fire hydrants to the south side of Pentwater, which is an extremely important safety measure.

4. Contractors: Can they provide a list of qualified resources and companies in the area who could provide the service of connecting to the water source? They need to be aware, depending on their availability, which has been very long, it may impact our ability to meet the year deadline.

Hallack Contracting is currently doing the construction on the watermain and has expressed that if residents can reach out within the next week or two to discuss the hook up, they may be able to save money by ensuring the proper placement of the curb stop and utilizing the already open ground.

The other contractor who may be of assistance would be Gustafson HDD, LLC.

5. I would request a consideration that we be required to hook up to the village system at the time our individual well requires replacement. We have no issues with our existing water. Three or four of us have new wells. Wells are VERY costly! Can you extend the hook up deadline, particularly for those who recently drilled new wells?

This takes an act of council. It was brought up at the council meeting on Monday, April 14th and council declined to take any additional action. It is important to understand that private wells have the potential to compromise the municipal system through contaminating the aquifer if they are drawing from the same aquifer. The Village has a vested interest in making sure residents have safe drinking water.

6. Can you give discounts for immediate hook up? ex. \$2,000 instead of \$2,500?

Everyone throughout the Village is charged the same hook up fee of \$2,500. However, cost savings are possible with Hallack while they are putting the stubs in. If you contact Hallack within the next week or so, you can work with them to determine where your private line will go as they put in the curb stops, saving you money both in unnecessary materials and having to reopen up the ground. The Village can work with individuals on payment plans for the \$2,500 tap fee.

7. Can you extend the timeframe for payment to 3-5 years?

Yes, we can make payment plans extending 3-5 years. We can personalize these payment plans to meet the needs of each individual homeowner.

8. Will the road be completely repaved? Or only the side that was torn up? The east side of Chester now has pot holes, and cracking from the big equipment. At the top of the hill, the guard rail/posts are now leaning toward the lake – looks somewhat unstable!

Unfortunately, the Village has limited funds so a complete replacement of the road is not in the plans. If it was, we would be looking at a much more expensive project and the timeframe for interruptions would be significantly expanded. I will make it a point to keep an eye on the right side of Chester St and ensure we are filling the areas that require it.

9. When is the water line supposed to be hooked up? Is it May or December? Do we have any idea when? It would be nice to have a target for preplanning with contractors and our financial planning.

The water line itself is projected to be hooked into the existing system within the next month. However, because this project includes a new well, I intend on starting the 1 year clock set by council once the new well is connected. At this point, I cannot provide a specific date, but we are aiming for fall.

10. How was the \$2,500 amount determined? Is it per address or per taxpayer household, ie., 2 properties owned by same taxpayers charged \$2,500, \$5k, or somewhere in between? Are future new builds charged at least that amount? How are the funds raised from those one-time fees used? How is maintenance for the water main funded?

Every hook up or connection in the Village with a 3/4 ' meter is charged a \$2,500 "tap fee". This fee varies based on meter size and accounts for the startup costs of bringing a

new water customer online. This includes the cost of the materials, labor, and the installation of the meter. Ongoing maintenance is funded through the “ready to serve” charge on the water bills. This is the fee paid on every water bill regardless of usage and is the same for everyone with the same size meter.

11. Is water from the Village system fluoridated? What other additives are there?

The current water system is treated with ferric chloride and a chlorine additive at the arsenic removal plant.

12. Has the Village water system failed?

No, the Village system has not failed. However, Pentwater’s water supply system currently consists of three wells. Well No.1 and Well No.3 are housed in the same building and piped to a common point prior to discharging. Well No.2 is currently the primary water source. Firm capacity is 600 gallons per minute (gpm) with Well No.3 out of service, which covers the projected maximum day demand for 2040 of 198 gpm. Pentwater operates an 800-gpm arsenic removal plant located at the well site. The treatment system utilizes ferric chloride and chlorine addition followed by pressure filters to treat the water and remove the iron and arsenic. Well No.1 and Well No.3 contain carbon dioxide in the water which is why they’re mainly used as backup. It’s recommended that Pentwater evaluates treatment of the carbon dioxide or evaluate securing land for a second well field in the event that contamination is discovered in this aquifer or carbon dioxide begins showing up in Well No.2. Regular testing is done throughout the system per EGLE requirements, and Pentwater’s water meets the State drinking water standards and is in compliance based on the last round of testing in 2021. Pentwater has one storage tank located on the east side of Hancock Street between Fourth Street and Fifth Street. The storage tank was constructed in 1973 and holds 150,000 gallons. Recommended maintenance has been completed, and the tank was inspected in 2018 and found to be in good condition. Pentwater’s water distribution system is Type I (public) containing over 14 miles of water main that is 2-inches to 12-inches in diameter, with most being 6-inch and 8-inch diameter ductile iron pipe.

The three wells that are in service are currently located on the same site and consolidated within the same aquifer. In addition to the Water Reliability Study submitted in 2020, Pentwater has also completed a Preliminary Evaluation of Potential New Water Well Sites in 2019 to maintain, organize, and optimize performance of the existing water supply, storage, and distribution system. Well No.1 and Well No.3 are used as emergency backup as they contain carbon dioxide, which the existing arsenic and iron removal treat plant does not treat for. EGLE recommends that water systems have redundancy and an alternate water source in the event that water source gets contaminated or water quality changes. Due to the age and size of the current water mains, upsizing and replacement is needed in various areas to improve looping and efficiency.

13. How is water pressure maintained in case of power failure (we have a generator as do many on Chester St)?

The new well will also have a generator and pressure for the Chester St side of the system will still come from the water tower.

14. Will the Village bring the water line east down Manchester? If they want us to hook up, they should not expect us to go all the way from Chester St. (this involves 2 homes). It's a very long way away. It's going to cost more than most!

The ordinance only requires a connection if your *home, property, parcel, or lot* that uses water is within 300 feet of the water main. However, there are no plans to bring the main down Manchester.

15. For those who are seasonal and are gone 4- 6 months/year, why would we be billed a base rate and not just per use? That does not seem fair.

Every customer in the water system is billed the same base rate fee called a "ready to serve charge". This is to ensure that the system has adequate funding to pay for ongoing maintenance. If there are no funds to provide this needed maintenance, the system would fail, thus the name "ready to serve charge".

16. One resident just said he doesn't want to hook up yet. What if he pays the \$2500 and just does the hook up when he wants to? That's a thought outside of the box!
So many of us LOVE our water and are very bummed we are being required to switch.

At its core, this project is not about money, it is about providing safe drinking water to the community. The Village ordinance requires that private wells be disconnected from the distribution system to prevent cross-contamination. This is a common practice meant to ensure everyone is drinking water that has been regularly tested as safe.

17. Another question that IS going to come up is: Does Oceana Beach Association have to hook up? Their property lines are likely within that 300ft. Is the water main big enough to service them as well?

The ordinance specified "all homes, dwellings, mobile homes, apartments, condominiums, offices, factories, retail establishments, restaurants, hotels, motels, and any other buildings, properties, parcels, lots or establishments located within the Village that utilize water shall be required to connect to the Water Supply System where the water main is located within 300 feet". This applies to everyone in the Village.

18. And do all Village residents on the north side also have to pay \$2500 to hook up? Not sure if anyone over there is on a well or if the system is only going to current Village customers with the bad/arsenic water.

Yes, the same ordinance and fee applies to every property in the Village. As part of this project, portions of Sands St and Third Ave. are also being required to hook up to the new system.

19. It seems like it's too late for this complaint, but why couldn't the tearing up of Chester Street itself have been done off season, like last fall (September through November) and early spring this year. Instead, you have just begun to tear it all apart and it will be a mess during the highest use, summer season. Other work, that is at both ends of Chester, could have been done during the summer and been far less disruptive.

Unfortunately, the financing for the project was still coming together last fall so it could not have taken place then. All construction work is weather permitting as well so after the winter we have had, the contractor was unable to start as early as they had wanted to. The contractor is moving very quickly and hoping to have the construction on Chester completed by the end of May, prior to the busy season.

20. How soon will Chester Street be repaved after this construction?

Chester St is scheduled to be repaved prior to the contractor moving on to the next phase of the project.

21. Are Fire Hydrants planned for?

Yes! If you drive down Ridge Rd/Chester St past what has been completed so far, you will see 3 or 4 already in place and covered in red bags.

22. We have heard that excavation for the water project will be from the center of Chester to the west. We wanted to make certain that you are aware that our septic and waste processing system runs under the street to an easement drain field on the west side of the street from our house. This is the case for several of the homeowners on Chester. Are you and/or the construction company aware of the location of our septic and lift pump system? Please confirm what steps are being taken to assure us that our system and house will not be damaged.

Our engineers received copies of plans from the health department that they shared with the contractor. They do not anticipate any problems with any septic tanks or drain fields, however there may be some damage to sewer laterals that go underneath the roads. This was planned for in the budgeting phase of the project and there are funds so the contractor can immediately make the necessary repairs.

23. How is the \$2,500 connection fee calculated and is it the same amount that has been charged for the residences in the other side of the village.

The connection fee is the same connection fee everyone in the Village pays when connecting to the water system. It includes the cost of labor as well as the cost of setting up a new user into our system.

24. Will the water on Chester St. be treated? How will water pressure be maintained given there will be no benefit of a water tower. Will the well pump be on a generator in case of power failure?

Yes, the water will be treated and will be acceptable for potable drinking water. The discussion regarding additional treatment for enhanced water quality is ongoing. Currently, there are no plans for an iron removal plant as it would cost roughly \$3-5 million. However, over the coming months, council will be discussing “chemical sequestration” as a less expensive treatment method. Furthermore, the pump from the well will generate sufficient water pressure along Chester Street. Furthermore, the water main on Chester will still be impacted by the water tower and will receive sufficient water pressure even when the well is not running. There will be a generator for the well in case of a power failure, as is required.

25. I would like to hear what the proposed water usage fee is, and the calculation used. Chester Street residences do not receive sewage services from the village and it's odd that we are in the village zoning as it is. We should have a much lower water usage calculation as we do not burden the village sewage treatment plant. Rates and rate stability: After the hookup, what will the water rates be? What kind of rate stability are they assuring? Will this rate apply to both residents and non-residents? Will it be a fixed rate per quarter, dependent on usage, or have a minimum?

Water and sewer fees are separate for all users specifically for this reason. If you do not have sewer services, you will not pay for it. Every resident and non-resident pay the same rate for water which is made of two components: the ready to serve charge and the usage fee per 1,000 gallons after 10,000 gallons. This means that usage of the first 10,000 gallons is included in the ready to serve charge along with ongoing maintenance and capital improvements. Water bills are billed quarterly and follow the current rate structure:

Ready to serve charge: \$82.75

Usage Fee per 1,000 gallons: \$3.35

A water rate study is currently underway to ensure the stability of the water system and the ability for the Village to provide needed capital improvements.

26. Since this project is primarily being done to improve the water supply to the main village across the channel / lake and was is not intentionally being built with the primary goal to supply water to the houses on Chester Street, I would like to ask that you allow existing

Chester Street residents to apply for and receive a variance to Ordinance 50.06 (A), if we already have in existence a healthy and working private well system.

Part of this project was to provide a water source to homeowners on Chester St. and add new customers to the system. I understand that this is an additional burden, and I apologize as I am unsure of what was or how much was communicated to you during the planning and development of this project. However, a crucial element of this project is that we will be bringing new customers online.

27. The village is confirming the placement, position and existence of the current street location by default. Therefore, I formally request that the village re-Platte the Chester street location from what shows up on the Platte map to the actual street location that has been in use for decades and was confirmed as such by the fact that the village re-surfaced it about 5 years ago and now is confirming its current location again with the location of the water line underneath the existing street location. It is illogical for the residential properties to incorrectly have had renovation and building decisions held to a century old street location just because it exists on a piece of paper. So, I formally request the village of Pentwater to correct this and have the survey done to correct this.

This is something that was just recently brought to my attention and I have been speaking with our Village attorney over the last few days about this. I cannot make any promises, however, please know that this is something I am taking very seriously and looking into.

Official Laboratory Report

Report To: KATIE STROHAUSER
4798 CAMPUS DR
KALAMAZOO MI 49008

Sample ID: **LL27760**
Work Order: **40603198_01**

System Name/Owner: VILLAGE OF PENTWATER
Collection Address: RIDGE RD/HILL RD 864301,PENTWATER
Collected By: ALEK JEND
Township/Well#/Section: /TPW-4/
County: Oceana
Sample Point: SAMPLE PORT
Water System: Other

WSSN/Pool ID: 5260
Source: TYPE I
Site Code:
Collector: Other
Date Collected: 06/28/2024 09:10
Date Received: 06/28/2024 12:09
Purpose: Repair/Construction/New Well

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Arsenic	0.004	mg/L	0.002	07/06/2024	0.010	EPA 200.8	7440-38-2
Barium	0.02	mg/L	0.01	07/06/2024	2	EPA 200.8	7440-39-3
Cadmium	Not detected	mg/L	0.0003	07/06/2024	0.005	EPA 200.8	7440-43-9
Calcium	38	mg/L	0.6	07/02/2024		EPA 200.7	7440-70-2
Chloride	5	mg/L	4	06/28/2024		SM 4500-CI E	7647-14-5
Chromium	Not detected	mg/L	0.01	07/06/2024	0.1	EPA 200.8	7440-47-3
Copper	Not detected	mg/L	0.05	07/06/2024	1.3	EPA 200.8	7440-50-8
Cyanide-Available	Not Detected	mg/L	0.02	06/28/2024	0.2	ASTM D6888-04	57-12-5
Fluoride	Not detected	mg/L	0.1	07/01/2024	4.0	10-109-12-2-A	16984-48-8
Hardness as CaCO3	140	mg/L	2	07/03/2024		SM 2340 C	HARD-00-C
Iron	0.46	mg/L	0.1	07/02/2024		EPA 200.7	7439-89-6
Lead	Not detected	mg/L	0.001	07/06/2024	0.015	EPA 200.8	7439-92-1
Magnesium	11	mg/L	0.1	07/02/2024		EPA 200.7	7439-95-4
Manganese	0.04	mg/L	0.01	07/06/2024		EPA 200.8	7439-96-5
Mercury	Not detected	mg/L	0.0001	07/06/2024	0.002	EPA 200.8	7439-97-6
Nitrate as N	Not Detected	mg/L	0.4	06/28/2024	10	NECi	14797-55-8
Nitrite as N	Not detected	mg/L	0.05	06/28/2024	1	NECi	14797-65-0
Ortho-Phosphate as P	Not detected	mg/L	0.1	06/28/2024		EPA 365.1	7664-38-2
Selenium	Not detected	mg/L	0.001	07/06/2024	0.05	EPA 200.8	7782-49-2
Sodium	4.1	mg/L	0.5	07/02/2024		EPA 200.7	7440-23-5
Specific Conductance (umhos)	291	umhos	1	06/28/2024		EPA 120.1	COND-00-C
Sulfate	Not detected	mg/L	10	06/28/2024		ASTM D516-16	14808-79-8
Total Alkalinity as CaCO3	154	mg/L	50	06/28/2024		EPA 310.2	TALK-00-C

RL: Reporting Limit
MCL: Maximum Contaminant Level
AL: Action Level
Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Sample ID: LL27760

Work Order: 40603198_01

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Trip Blank for Volatiles	Not Tested			07/08/2024		524.2	CXVO-TB
Zinc	Not detected	mg/L	0.01	07/06/2024		EPA 200.8	7440-66-6
Carbamates by HPLC							
3 Hydroxycarbofuran	Not Detected	mg/L	0.001	07/11/2024		EPA 531.2	16655-82-6
Aldicarb	Not Detected	mg/L	0.001	07/11/2024		EPA 531.2	116-06-3
Aldicarb sulfone	Not Detected	mg/L	0.0006	07/11/2024		EPA 531.2	1646-88-4
Aldicarb sulfoxide	Not Detected	mg/L	0.001	07/11/2024		EPA 531.2	1646-87-3
Carbaryl	Not Detected	mg/L	0.001	07/11/2024		EPA 531.2	63-25-2
Carbofuran	Not Detected	mg/L	0.0009	07/11/2024	0.04	EPA 531.2	1563-66-2
Methiocarb	Not Detected	mg/L	0.001	07/11/2024		EPA 531.2	2032-65-7
Methomyl	Not Detected	mg/L	0.001	07/11/2024		EPA 531.2	16752-77-5
Oxamyl	Not Detected	mg/L	0.001	07/11/2024	0.2	EPA 531.2	23135-22-0
Propoxur	Not Detected	mg/L	0.001	07/11/2024		EPA 531.2	114-26-1
Chlorinated Acid Herbicides							
2,4,5-T	Not Detected	mg/L	0.002	07/03/2024		EPA 515.4	93-76-5
2,4,5-TP (silvex)	Not Detected	mg/L	0.0002	07/03/2024	0.05	EPA 515.4	93-72-1
2,4-D	Not Detected	mg/L	0.0002	07/03/2024	0.07	EPA 515.4	94-75-7
Acifluorfen	Not Detected	mg/L	0.004	07/03/2024		EPA 515.4	50594-66-6
Bentazon	Not Detected	mg/L	0.002	07/03/2024		EPA 515.4	25057-89-0
Dicamba	Not Detected	mg/L	0.002	07/03/2024		EPA 515.4	1918-00-9
Dinoseb	Not Detected	mg/L	0.0002	07/03/2024	0.007	EPA 515.4	88-85-7
Pentachlorophenol	Not Detected	mg/L	0.00004	07/03/2024	0.001	EPA 515.4	87-86-5
Picloram	Not Detected	mg/L	0.0002	07/03/2024	0.5	EPA 515.4	1918-02-1
Total DCPA degradates, mono- and di-acid	Not Detected	mg/L	0.001	07/03/2024		EPA 515.4	1861-32-1
Semi-Volatile Organic Compounds							
Alachlor	Not Detected	mg/L	0.0002	07/08/2024	0.002	EPA 525.3	15972-60-8
Atrazine	Not Detected	mg/L	0.0002	07/08/2024	0.003	EPA 525.3	1912-24-9
Benzo(a)pyrene	Not Detected	mg/L	0.00004	07/08/2024	0.0002	EPA 525.3	50-32-8
Chlordane-Technical	Not Detected	mg/L	0.0014	07/08/2024	0.002	EPA 525.3	12789-03-6
di(2-ethylhexyl)adipate	Not Detected	mg/L	0.0013	07/08/2024	0.4	EPA 525.3	103-23-1
di(2-ethylhexyl)phthalate	Not Detected	mg/L	0.0013	07/08/2024	0.006	EPA 525.3	117-81-7
Endrin	Not Detected	mg/L	0.00002	07/08/2024	0.002	EPA 525.3	72-20-8
Heptachlor	Not Detected	mg/L	0.00008	07/08/2024	0.0004	EPA 525.3	76-44-8
Heptachlor epoxide	Not Detected	mg/L	0.00004	07/08/2024	0.0002	EPA 525.3	1024-57-3

RL: Reporting Limit
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AL: Action Level

Not Detected: Not detected at or above the reporting limit (RL)

mg/L: milligrams / Liter (ppm)
ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Sample ID: LL27760

Work Order: 40603198_01

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Semi-Volatile Organic Compounds							
Hexachlorobenzene	Not Detected	mg/L	0.0001	07/08/2024	0.001	EPA 525.3	118-74-1
Hexachlorocyclopentadiene	Not Detected	mg/L	0.0002	07/08/2024	0.05	EPA 525.3	77-47-4
Lindane (gamma-BHC)	Not Detected	mg/L	0.00004	07/08/2024	0.0002	EPA 525.3	58-89-9
Methoxychlor	Not Detected	mg/L	0.0001	07/08/2024	0.04	EPA 525.3	72-43-5
PCB (aroclor)	Not detected	mg/L	0.0001	07/08/2024	0.0005	EPA 525.3	1336-36-3
Simazine	Not Detected	mg/L	0.00014	07/08/2024	0.004	EPA 525.3	122-34-9
Toxaphene	Not Detected	mg/L	0.001	07/08/2024	0.003	EPA 525.3	8001-35-2
Volatile Organic Compounds							
1,1 Dichloroethane	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	75-34-3
1,1 Dichloroethylene	Not Detected	mg/L	0.0005	07/08/2024	0.007	EPA 524.2	75-35-4
1,1 Dichloropropene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	563-58-6
1,1,1 Trichloroethane	Not Detected	mg/L	0.0005	07/08/2024	0.2	EPA 524.2	71-55-6
1,1,1,2 Tetrachloroethane	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	630-20-6
1,1,2 Trichloroethane	Not Detected	mg/L	0.0005	07/08/2024	0.005	EPA 524.2	79-00-5
1,1,2,2 Tetrachloroethane	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	79-34-5
1,2 Dichlorobenzene	Not Detected	mg/L	0.0005	07/08/2024	0.6	EPA 524.2	95-50-1
1,2 Dichloroethane	Not Detected	mg/L	0.0005	07/08/2024	0.005	EPA 524.2	107-06-2
1,2 Dichloropropane	Not Detected	mg/L	0.0005	07/08/2024	0.005	EPA 524.2	78-87-5
1,2,3 Trichlorobenzene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	87-61-6
1,2,3 Trichloropropane	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	96-18-4
1,2,4 Trichlorobenzene	Not Detected	mg/L	0.0005	07/08/2024	0.07	EPA 524.2	120-82-1
1,2,4 Trimethylbenzene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	95-63-6
1,3 Dichlorobenzene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	541-73-1
1,3 Dichloropropane	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	142-28-9
1,3,5 Trimethylbenzene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	108-67-8
1,4 Dichlorobenzene	Not Detected	mg/L	0.0005	07/08/2024	0.075	EPA 524.2	106-46-7
2,2 Dichloropropane	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	594-20-7
Benzene	Not Detected	mg/L	0.0005	07/08/2024	0.005	EPA 524.2	71-43-2
Bromobenzene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	108-86-1
Bromochloromethane	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	74-97-5
Bromodichloromethane	Not Detected	mg/L	0.0005	07/08/2024	0.080	EPA 524.2	75-27-4
Bromoform	Not Detected	mg/L	0.0005	07/08/2024	0.080	EPA 524.2	75-25-2
Bromomethane	Not Detected	mg/L	0.001	07/08/2024		EPA 524.2	74-83-9
Carbon tetrachloride	Not Detected	mg/L	0.0005	07/08/2024	0.005	EPA 524.2	56-23-5
Chlorobenzene	Not Detected	mg/L	0.0005	07/08/2024	0.1	EPA 524.2	108-90-7
Chlorodibromomethane	Not Detected	mg/L	0.0005	07/08/2024	0.080	EPA 524.2	124-48-1

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ng/L: nanograms / Liter (ppt)
MPN: Most Probable Number

CFU: Colony Forming Unit
CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane



MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY

MICHIGAN DEPARTMENT OF ENVIRONMENT, GREAT LAKES, AND ENERGY
DRINKING WATER LABORATORY

USEPA Region V Drinking Water Cert. No. MI00003

P.O. Box 30270
Lansing, MI 48909
TEL: (517) 335-8184
FAX: (517) 335-8562

Sample ID: LL27760

Work Order: 40603198_01

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #
Volatile Organic Compounds							
Chloroethane	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	75-00-3
Chloroform	Not Detected	mg/L	0.0005	07/08/2024	0.080	EPA 524.2	67-66-3
Chloromethane	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	74-87-3
cis-1,2 Dichloroethylene	Not Detected	mg/L	0.0005	07/08/2024	0.07	EPA 524.2	156-59-2
cis-1,3 Dichloropropene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	10061-01-5
Dibromomethane	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	74-95-3
Dichlorodifluoromethane	Not Detected	mg/L	0.001	07/08/2024		EPA 524.2	75-71-8
Dichloromethane	Not Detected	mg/L	0.0005	07/08/2024	0.005	EPA 524.2	75-09-2
Ethylbenzene	Not Detected	mg/L	0.0005	07/08/2024	0.7	EPA 524.2	100-41-4
Fluorotrichloromethane	Not Detected	mg/L	0.001	07/08/2024		EPA 524.2	75-69-4
Hexachlorobutadiene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	87-68-3
Isopropylbenzene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	98-82-8
m & p-Xylene	Not Detected	mg/L	0.0005	07/08/2024	10	EPA 524.2	XYLMP-00-C
Methyl ethyl ketone	Not Detected	mg/L	0.005	07/08/2024		EPA 524.2	78-93-3
Methyl isobutyl ketone	Not Detected	mg/L	0.005	07/08/2024		EPA 524.2	108-10-1
Methyl-tert-butyl ether (MTBE)	Not Detected	mg/L	0.001	07/08/2024		EPA 524.2	1634-04-4
Naphthalene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	91-20-3
n-Butylbenzene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	104-51-8
n-Propylbenzene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	103-65-1
o-Chlorotoluene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	95-49-8
o-Xylene	Not Detected	mg/L	0.0005	07/08/2024	10	EPA 524.2	95-47-6
p-Chlorotoluene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	106-43-4
p-Isopropyltoluene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	99-87-6
sec-Butylbenzene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	135-98-8
Styrene	Not Detected	mg/L	0.0005	07/08/2024	0.1	EPA 524.2	100-42-5
tert-Butylbenzene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	98-06-6
Tetrachloroethylene	Not Detected	mg/L	0.0005	07/08/2024	0.005	EPA 524.2	127-18-4
Tetrahydrofuran	Not Detected	mg/L	0.005	07/08/2024		EPA 524.2	109-99-9
Toluene	Not Detected	mg/L	0.0005	07/08/2024	1	EPA 524.2	108-88-3
Total Trihalomethanes	Not Detected	mg/L	NA	07/08/2024	0.080	EPA 524.2	TTHM-00-C
Total Xylenes	Not Detected	mg/L	NA	07/08/2024	10	EPA 524.2	1330-20-7
trans-1,2 Dichloroethylene	Not Detected	mg/L	0.0005	07/08/2024	0.1	EPA 524.2	156-60-5
trans-1,3 Dichloropropene	Not Detected	mg/L	0.0005	07/08/2024		EPA 524.2	10061-02-6
Trichloroethylene	Not Detected	mg/L	0.0005	07/08/2024	0.005	EPA 524.2	79-01-6
Vinyl chloride	Not Detected	mg/L	0.0005	07/08/2024	0.002	EPA 524.2	75-01-4

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CAS: Chemical Abstract Service
Laboratory Contact: Marlene Kane

Not Detected: Not detected at or above the reporting limit (RL)

Sample ID: LL27760

Work Order: 40603198_01

TESTING INFORMATION					REGULATORY INFORMATION		
Analyte Name	Result	Units	RL	Date Tested	MCL/AL	Method	CAS #

The analyses performed by the EGLE Drinking Water Laboratory were conducted using methods approved by the U.S. Environmental Protection Agency in accordance with the Safe Drinking Water Act, 40 CFR parts 141-143, and other regulatory agencies as appropriate.

Your local health department has detailed information about the quality of drinking water in your area. If you have concerns about the health risks related to the test results of your sample, please contact the Environmental Health Section through the address and telephone number listed below.

**District Health Department #10
 3986 North Oceana Drive
 Hart, MI 49420
 231 873-2193**

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Laboratory Contact: Marlene Kane



To: Residents of Chester St, Sands St, and Third Ave
From: Rachel Witherspoon, Village Manager
Date: April 15, 2025
Subject: Contractor for Water Connection and Payment Plan Details

Hallack Contracting

Hallack Contracting is currently working on the watermain for the Village down Chester St. Residents of Chester St may have the opportunity to save money installing the private line if they contact Hallack in the next week to week and a half. Hallack is about to begin putting in the curb stops and money could be saved by working with homeowners to find the most ideal placement and installing the private line while the ground is open. Because every private line installation will be different, an exact cost could not be provided. The contact details for Hallack are:

Hallack Contracting Inc

4223 W Polk Rd
Hart, Michigan 49420
Tel: 231-873-5081
Fax: 231-873-2889

Homeowners are free to select any contractor or licensed plumber to install their private line.

Payment Plans

The water tap fee for the Village is \$2,500. The Village recognizes that this is a significant expense and is offering interest free payment plans. These plans can be personalized to each homeowner's needs and can extend up to 5 years. This fee is put on the quarterly water bill as a special assessment. To arrange a payment plan, please contact the Village at (231) 869-8301.