

Charleston Township

1499 South 38th Street

PO Box 336

Galesburg, MI 49053

Phone: (269) 665-7805

Fax: 269-484-8035

charsupervisor@charlestantownship.org

Date: _____

SANITARY SEWER CONNECTION APPLICATION

This is your application to connect to the Municipal Sanitary Sewer lead to serve the property located at:

Owners Name	() _____	
Owners Address	Phone Number	
City	State	Zip
3908- Parcel ID Number	Sewer Identification Name	
Installation Contractor	() _____	
Date to be Installed	Phone Number	
Township Office Agent	Applicants Name (Print)	
	Applicants Signature	

CONTRACTOR'S NOTICE TO HOMEOWNER:
IT IS YOUR RESPONSIBILITY TO EXPOSE THE SANITARY SEWER LEAD AT THE PROPERTY LINE
TO VERIFY DEPTH OF LEAD BEFORE STARTING SERVICE INSTALLATION

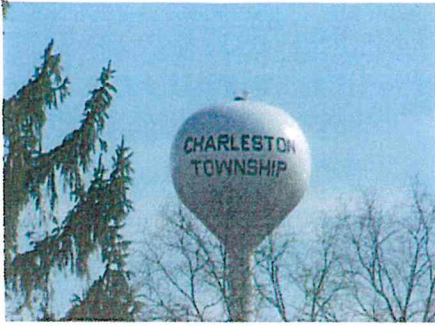
Type of Connection _____ Residential _____ Commercial _____ Multiple Dev. _____
 _____ Other (Specify) _____

Number of Benefits (Refer to Appendix A): _____ "COMMENTS" _____
 Number of Benefits Assessed: _____

Front Footage Charge _____ \$20 per lin.foot X _____ (for the first 165')	= \$ _____
Benefit Balance Due: _____ @ \$ _____ per benefit/parcel	= \$ _____
	Connection Fee = \$ _____
	*Estimated Installation Cost = \$ _____
Estimated Installation Cost of Grinder Pump (Part A + Part B)	= \$ _____
Permits (GLSWA & Road Commission)	= \$ _____
Total	= \$ _____

For office use only: _____ Check _____ Cash
 _____ Financed by Charleston Twp. (placed on winter tax bill at 7% interest for 15 years)

Copies to: _____ GLSWA _____ Clerk _____ Treasurer _____ Assessor
 _____ Service card drawing given to Charleston Twp with inspection/connection date



Charleston Township
 MUNICIPAL WATER & SANITARY SEWER
 FEE SCHEDULE
 Adopted: June 12, 2018

WATER FEES

Water - Front Foot Charge

\$17.75 per foot

For any parcels on a corner lot: The first 132 feet on the longest side is exempt from the front footage charge.

****Charleston Township will offer to help finance the property owner's cost to hook to the sewer system (your choice). We would offer equal payments at 7% interest rate for the 15 year period.**

MUNICIPAL SANITARY SEWER FEES

Front footage charge is \$20 per linear foot for the first 165'

The Township reserves the right to charge over the 165' ff if any additional structure or increase of volume of waste water usage.
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Assessment charge per parcel/benefit \$5,000 (for single family residence)
--

Connection Fee \$1,000 (\$75 will be given to GLSWA for sewer permit)

Connection Fee is included in the \$3,750 when a grinder pump is required.
--

**See Appendix A attached for any usage that is <u>not</u> single family residence

****Charleston Township will offer to help finance the property owner's cost to hook to the sewer system (your choice). We would offer equal payments at 7% interest rate for the 15 year period.**

Check GIS to make sure water and sewer are available!

Gull Lake Sewer & Water Authority

7722 N. 37th Street
Richland, Michigan 49083
Phone: (269) 731-4595
Fax: (269) 731-2596
www.glswwa.org

GUIDELINES AND SPECIFICATIONS FOR CONNECTING GRAVITY SEWERS

1. Authority inspections limited to work days only. Not earlier than 10:00 a.m. and no later than 4:00 p.m. Week-end arrangements may result in additional fees
2. Type of pipe- shall be 4" Schedule 40 P.V.C. (Poly Vinyl Chloride). 6" may be SDR 35. 4" pipe minimum fall 1/8" per foot. 1 1/4" in ten feet, 2% in 100 feet. Any grade less must have written approval of sewer inspector. 6" may be utilized upon Authority approval.
3. When two different materials are joined, a transition fitting shall be used. (Strong Back Fernco only)
4. If 6"x4" connections are made with a Fernco, Strong Back Fernco is required. Riser connection is made with 2 - 45 degree bends, or long sweeping 90 (straight 90' bends not allowed).
5. Clean outs shall be installed at 90 Ft. intervals, and when bends are made at 45 degrees or more. Clean outs must be brought to surface.
6. Clean outs are required within 5' of the building wall either inside or outside. Use wyes, not tees, exterior is preferred.
7. All water discharge must enter sewer line from within.
8. All installers shall be required to furnish the Gull Lake Sewer and Water Authority with proper credentials, at which time a permit may be issued.
9. Each master plumber or installer will supply the G.L.S.W.A. with a current certificate of insurance. Minimum amount of \$100,000-\$300,000. (Underground Hazardous and Job Completion)
10. Sewer line for all houses should be a minimum of 42" deep per state plumbing code.
11. The contractor must call Miss Dig 72 hours before digging to obtain a valid ticket
Phone (1-800-482-7171) or (811).
12. For inspection call Gull Lake Sewer and Water Authority office- 731-4595 during regular hours. Minimum 2 hour notice required.
13. Full trench must remain exposed until Authority inspector approves. Should the excavation require a box, then arrangements can be made for varied inspection visits at no extra cost.
14. It is the intention of the Authority to review the actual installation, including excavation, undercutting, pipe compaction and proper joint connections.

The Owner and Installer acknowledge that:

1. When signed, this is Charleston Township's authorization to proceed with your sewer connection.
2. The Applicant must pay in full or sign an installment agreement with Charleston Township to cover the Benefit and Connection Fees prior to installation.
3. Additional permit and inspection may be necessary and must be obtained from Associated Government Services at 1-800-627-2801 when hooking to plumbing inside the dwelling.
4. The installer will expose the service lead and verify the relative elevations before any installation work begins. The installer will be responsible for matching the elevation of existing sewer lead.
5. The GLSWA must witness the complete installation prior to covering pipe. Call 731-4595 prior to day of installation.
6. The owner and/or installer have read and agree to the conditions and requirement of this application.
No ground water, storm water, or rain water may be connected to the building drain.
7. The permit is valid for 60 days only, after which a new permit must be obtained.
8. The applicant and owner acknowledge that a quarterly user charge will begin upon connection if structure is emitting sewage or 90 days thereafter, regardless of use.
9. If your property is being hooked to a force main sewer line, it will be necessary to fill out the last page titled "Grinder Pump System Connection Application." The GLSWA will prepare an estimate of the extra cost for a grinder pump before signing this agreement. (The grinder pump cost is around \$3,700). There will be an extra cost for installment and cost of maintenance of the grinder pump of \$8 per month or \$24 on your quarterly bill.
10. Please note: The Township does not have a meter reading option within its billing software. Therefore, we use an industry standard calculation for setting our flat rate for a single-family residence. This standard accounts for an average usage of 200 gallons per day, also recognized as 6,000 gallons per month.
11. The property owner will receive a quarterly bill for the cost of sewage treatment from GLSWA.

CHARLESTON TOWNSHIP

AGENT/APPLICANT/OWNER

Cc: Applicant and Owner

Remarks: _____

APPENDIX A

Occupation Use	Units	Unit Factor
1. Single Family Residence	1.0	per residence
2. Auto Dealers-New and/or Used	1.0	per premise per 1,000 sq. ft. of building inc. service area
3. Auto Repair/Collision	1.0	same as above
4. Auto Wash (Coin-Operated Do-it-yourself 10 gallons or less per car)	1.0	per stall
5. Auto Wash (Mechanical-Over 10 gallons per car-Not Recycled)	10.00	per stall or production line including approach and drying area
6. Auto Wash (Mechanical-Over 10 gallons per car- Recycled)	5.0	per stall or production line including approach and drying area
7. Barber Shop 1	1.0	per shop plus 0.per chair after 2
8. Bar	4.0	per 1,000 sq. ft.
9. Beauty Shops	1.0	per shop plus 0.1 per booth
10. Bowling Alleys (no bar)	1.0	per premise plus 0.2 per alley
11. Churches	0.25	per 1,000 sq. ft.—minimum 1 unit
12. Cleaners (pick-up only)	1.0	per shop
13. Cleaners (cleaning & pressing facilities)	0.5	1.0 per premise plus per 500 sq. ft.
14. Clinics (Medical or Dental)	1.0	per premise plus 0.5 per exam room
15. Convalescent or Boarding Homes	1.0	per premise plus 0.25 per bedroom
16. Convents	1.0	per premise plus 0.25 per bedroom
17. Country Clubs and Athletic Clubs	1.5	per 1,000 sq. ft. of club house plus restaurant, bar and pro shop as retail store
18. Drug Stores	1.0	per premise plus snack bar
19. Factories (office and production)	0.75	per 1,000 sq. ft. based on Wet Process metered sewage flow
20. Funeral Home	1.5	per 1,000 sq. ft. plus residence to be computed separately
21. Grocery Stores and Super Market	1.0	per premise plus 0.8 per 1,000 sq. ft.
22. Hospitals	1.1	per bed
23. Hotels and Motels	0.40	per bedroom plus restaurant and bar
24. Laundry (self-serve per)	1.0	premise plus 0.5 per washer
25. Two-Family Residential	1.0	per unit

Occupation Use		Units	Unit Factor
26.	Mobile Homes (free standing)	1.0	per unit
27.	Mobile Homes (park or subdivision)	0.75	per pad or site plus laundry, community buildings, and office to be computed separately per schedule
28.	Marinas—per boat docking	.06 .1	space per space under 25 ft in length per space over 25 ft. in length
29.	Multiple Family Residence Duplex, Row Houses or Townhouses	1.0 .8	plus for each dwelling unit in excess of 1
30.	Apartment Residence-unit including laundry facilities in apartment	1.0 .8	plus for each dwelling unit in excess of 1
31.	Apartment Residence-unit not having laundry facilities in apartment	1.0 .6	plus for each dwelling unit in excess of 1
32.	Fraternity Sorority Houses; Dormitories	1.0 .6	plus for each 2 residents in excess of 4
33.	Parks, Recreation Facilities, Campgrounds, Picnic Facilities-no bathing or overnight accommodations	0.2	per parking space
34.	Picnic Facilities-with bathing privileges or swimming pool	0.35	per parking
35.	Campground Facilities-Recreation vehicles, tents trailers under 12 feet	0.35	per pad or site picnic facilities
36.	Campground Facilities-Trailer parks or trailers in excess of 12 feet	0.50	per pad or site plus picnic facilities
37.	Post Office	1.0	per 1,000 sq. ft.
38.	Professional Office.	0.25	per 500 sq. ft.-minimum 1
39.	Public Institutions	0.75	per 1,000 sq. ft.
40.	Restaurants (meals only)	2.5	per 1,000 sq. ft. excluding restrooms, public areas not in regular use and unfinished areas
41.	Restaurants (meals and drinks)	3.5	per 1,000 sq. ft. excluding restrooms, public areas not in regular use and unfinished areas
42.	Restaurants (public areas, auxiliary dining rooms, dance floors or ballrooms which are not in regular use)	0.5	per 1,000 sq. ft.

Occupation Use	Units	Unit Factor
43. Retail Store (other than listed)	1.0	per premise plus 0.1 per 1,000 sq. ft
44. Schools	1.0	per classroom
45. Service Stations of	1.5	per 1,000 sq. ft. building area
46. Snack Bars, Drive-Ins, etc.	2.5	per 1,000 sq. ft
47. Theaters (drive-in)	0.04	per car space
48. Theaters	0.04	per seat
49. Warehouse and storage	0.2	per 1,000 sq. ft.
50. Veterinary Facility	1.5	per facility
51. Veterinary Facility with Kennel	1.5 0.5	per facility plus per 5 kennels

*The Authority may, in its discretion, require any user of the system, other than single family residences, to install a water or sewage meter to measure sewage use and to determine Residence-Equivalent factors at 200 gallons per unit. In this event, the meter reading shall be averaged for at least a three month period as determined by the Authority and then divided by the number of days metered, which resulting amount shall be divided by 200 gallons per day to determine the Residence Equivalence. The metering of the water or sewage flow for this purpose shall be accomplished by a meter approved by the Authority and all installation, repairs and maintenance expense shall be the responsibility of the owner.

Grinder Pump System Connection, Cost Estimate and Procedure Application
(Attach this document to the Permit for Connection)

Stage
Basin

NAME: ADDRESS: CITY: PHONE #: E-MAIL:

General Procedure:

- 1 Owner agrees to pay Benefit and Connection Fee. for System Capital Costs
 - 2 Owner agrees to provide access to the Authority for installation, maintenance and replacement.
 - 3 Authority provides, at Charleston Twp. cost, the Grinder Basin, Pump, Control Box and components.
 - 4 Authority provides and installs, at Charleston Twp. cost, the Service Lead (tap, shut-off, curb stop + valve box).
 - 5 Authority examines property to prepare "good-faith estimate" (this form).
 - 6 Authority provides good-faith estimate to property owner, owner agrees to pay.
 - 7 Authority retains contractor to install Grinder Pump System on owners property (with owners guidance).
 - 8 Authority retains electrician to perform the exterior electrical requirements from the home to the Grinder.
- Note:** At this point the unit has been installed and is ready to receive power and flow from the home.
- 9 Owner agrees to retain an electrician to make available to the exterior of the home at the control box, a 4-wire, 240 Volt, single phase, 30amp service to the exterior of home with disconnect. (Owner may use Authority electrician at owner's cost)
 - 10 Owner's contractor completes the 4" Building Sewer into the Basin, or has the Authority's contractor make the hook-up (Owner may utilize Authority contractor for the Building Sewer work, at Owner's cost)
 - 11 Owner agrees to pay User Fees at current rate upon connection, billed quarterly (as of 1/1/2019, current rate is \$36 a month).

PART A: Good Faith Estimate of On-Site Installation Cost - Authority installation responsibility

a. add	\$ 9.50	per foot	<input type="text"/>	Feet of pipe from Basin to "curb stop" (street)	Cost	\$ -	Estimated 2017 pricing
b. add	\$ 5.50	per foot	<input type="text"/>	Sleeve 1 1/4 " pipe if within 25 feet of well	Cost	\$ -	
c. add	\$ 550.00			for basin installation with machine access	Cost	\$ -	
d. add	\$ 125.00			per wet installation - ballast may be needed	Cost	\$ -	
e. add	\$ 750.00			for hand dig installation (no machine access)	Cost	\$ -	
f. add	\$ 7.50	per foot	<input type="text"/>	Ft of dig for conduit from Basin to Control Box	Cost	\$ -	
g. add	\$ 150.00			basic restoration (level dirt, rake + dry seed)	Cost	\$ -	\$ -
h. add	\$ 250.00			exterior elect: box, wire, controls + 10 ft conduit	Cost	\$ -	Estimated 2017 pricing
i. add	\$ 175.00			Exterior electrical permit + job set up	Cost	\$ -	
j. add	\$ 75.00	per 10 foot	<input type="text"/>	Conduit: if > 10 feet , enter "1" for 2nd 10 foot run	Cost	\$ -	
k. add	\$ 5.00	per foot	<input type="text"/>	Conduit: greater than 20 feet - enter per foot	Cost	\$ -	
l. add	\$ 120.00			test unit, pressure check, de-bug and start-up	Cost	\$ -	\$ -
m. add	\$ 75.00			Permit-Auth personnel-oversee + document	Cost	\$ -	Authority permit fee \$ -
A. Estimated Sub total (due Authority)					Cost	\$ -	

PART B: Good Faith Estimate of On-Site Installation Cost

s. add	\$ 15.00	per foot	<input type="text"/>	feet of 4" Building Sewer from home to Basin	Cost	\$ -	Owner's or Authority's contractor
n. add	\$ 250.00			Interior wiring by homeowners' or Authority's electrician	Cost	\$ -	Owner's or Authority's electrician- Estimate
o. add	\$ -			Interior plumbing by homeowner or homeowner's contractor	Cost	\$ -	Owner's or Owner's plumber
p. add	\$ -			possible shrub replacement across neighbor's property	Cost	\$ -	
q. add	\$ 250.00	per tank	<input type="text"/>	? tanks -- septic tank abandonment by pump out only	Cost	\$ -	may be needed (Owners' choice)
r. add	\$ 250.00	per drywell	<input type="text"/>	drywell tank abandonment by pump out + filling	Cost	\$ -	may be needed (Owners' choice)
B. Est sub-total (due owner's contractor)					Cost	\$ -	

Parts A + B Grand Total Budget Estimate \$ -

Owner Agrees to the following:

- A. x To pay \$ - to Charleston Twp. as a Benefit and Connection Fee.
- B. x To pay \$ - to Charleston Twp. for the cost of the installation based on actual cost - Part A above is a good-faith estimate.
- C. x To pay \$ - to Charleston - minimum deposit at time of permit (50% deposit) against installation estimate.
- D. x To pay \$ - to owner's contractor(s) upon completion of the work - Part B above (if using Authority's contractor, pay Charleston Twp)
- E. x To accept and abide by all provisions of pertinent Township ordinances + Authority policy.
- F. x To be responsible for the 4" Building Sewer even if installed as part of Authority work.
- G. x To be responsible for providing and paying for adequate electrical power to the Authority Grinder Pump Unit.
- H. x To allow initial installation of the Grinder Pump Unit by Authority contractors on the property.
- I. x To allow for continued access to the unit for on-going maintenance, inspection and replacement as needed.
- J. x That failure to pay Estimated installation costs, User Costs or other fees will result in lien on property.
- K. x That failure to provide access will result in Grinder Pump Unit ownership by property owner.
- L. x To abide by the rules, regulations for grinder pump use (attached) - acknowledging the Authority does not supply electrical power during outages .
- M. x That location of the Basin as selected by owner with assistance from Authority may result in Health Dept requirement to install a new well at owner's cost.

Installation cost due to Charleston Township: \$

Additional installation costs due from owner: \$

payable upon completion

Agreed to: _____ (Owner or Owner's agent)
Printed Signature: _____

Prepared by: _____ Gull Lake Sewer & Water Authority