

Mark Halkola, Supervisor  
Traci Sleeman Houle, Clerk  
Christa Gardner, Treasurer  
Aaron Janke, Trustee  
Don Warzham, Trustee



Box 437 • 48545 Main Street  
Dollar Bay, MI 49922  
Phone (906) 482-8578  
Fax (906) 482-8596

Osceola Township Water Meeting  
Proposed Agenda  
February 10, 2021 6:00 P.M.

1. Call the meeting to order
2. Roll call/attendance
3. Approval of agenda
4. Approval of Minutes
5. Financial Reports
6. Payment of bills
7. Public comment (3 minutes per person)
8. Reports:
  - a. Water operator's: pumpage, repairs/leaks
  - b. Secretary's report
9. Unfinished Business:
10. New Business:
  - a. FY 20-21 Budget Amendments
  - b. Sensus
11. Adjourn

This meeting is being recorded for the purpose of accurate minutes.

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TDD (800) 649-3777

Osceola Township Water Meeting Minutes  
January 13, 2021 at 6:00 p.m.

The regular meeting of the Osceola Township Water Board was called to order by Supervisor Halkola on January 13, 2021 at 6:06 p.m. Via Zoom. Board members present were Mark Halkola, Traci Sleeman Houle, Christa Gardner, Aaron Janke and Don Wareham.

Motion by Houle supported by Gardner to approve the agenda. AVIF

Motion by Wareham supported by Houle to accept the December meeting minutes. AVIF

Motion by Gardner, supported by Janke to approve the financial reports. AVIF

Motion by Houle supported by Wareham for payment of the bills. AVIF

Public Comment: 6:15 p.m. No Public Comment

Reports:

- a. Operators report's: Written report by Mr. Mattfolk. Mr. Janke reported that Mohawk Technologies has recommended upgrades at the pumphouse, and UPEA is working on overhead beam issues at the storage building.
- b. Secretary's report: Written report submitted.

Unfinished business:

- a. Drinking Water Asset Management Grant, status of. Application was submitted on time and EGLE sent the receipt of Acceptance.

New business:

- a. FY 20-21 budget amendment, status of. February meeting a proposal for the water system and township will be available. MDOT Lease agreement should be finalized prior to finalizing amended budget.

Public Comment: 6:23 p.m. Kristin Lortie requested the Board packet be scanned and sent between meetings. Township responded and made the material available immediately. Ended at 6:24 p.m.

Next Water Board Meeting is Wednesday February 10, 2021 at the Township Boardroom.

Motion by Wareham, supported by Houle to adjourn at 6:25 p.m. AVIF

**Osceola Township-Water Fund**  
**Profit & Loss Budget vs. Actual**  
 April 2020 through January 2021

	Apr '20 - Jan 21	Budget	\$ Over Budget	% of Budget
Ordinary Income/Expense				
Income				
40-601 · Water Service	131,427.88	192,445.00	-61,017.12	68.3%
40-610 · Water Collected on Taxes	0.00	2,450.00	-2,450.00	0.0%
40-627 · Late Fees	2,394.67	3,100.00	-705.33	77.2%
40-629 · Water Shut Off & On	345.30	1,200.00	-854.70	28.8%
40-665 · Interest on Investments	136.21	300.00	-163.79	45.4%
40-684 · Miscellaneous Revenue	1,660.44	4,955.00	-3,294.56	33.5%
40-700 · Wellhead	0.00	150.00	-150.00	0.0%
40-701 · Hydrants	0.00	3,700.00	-3,700.00	0.0%
40-802 · Hookups	2,500.00	7,500.00	-5,000.00	33.3%
<b>Total Income</b>	<b>138,464.50</b>	<b>215,800.00</b>	<b>-77,335.50</b>	<b>64.2%</b>
<b>Gross Profit</b>	<b>138,464.50</b>	<b>215,800.00</b>	<b>-77,335.50</b>	<b>64.2%</b>
Expense				
701 · Treasurer/Clerk Salary	5,360.00	8,100.00	-2,740.00	66.2%
702 · Water Supervisor Salary	10,584.00	13,500.00	-2,916.00	78.4%
704 · Water Board Salary	1,150.00	1,800.00	-650.00	63.9%
705 · Secretary Salary	2,271.42	4,700.00	-2,428.58	48.3%
708 · Labor Expense	1,005.00	3,000.00	-1,995.00	33.5%
709 · Payroll Taxes	1,543.85	2,000.00	-456.15	77.2%
710 · Water Sampling	2,099.00	2,800.00	-701.00	75.0%
711 · Insurance Expense	1,670.00	3,600.00	-1,930.00	46.4%
712 · Bond Insurance Expense	0.00	200.00	-200.00	0.0%
727 · Office Rent	1,000.00	1,500.00	-500.00	66.7%
728 · Telephone	984.35	1,000.00	-15.65	98.4%
730 · Travel Expense	0.00	0.00	0.00	0.0%
731 · Vehicle Expense	897.99	3,000.00	-2,102.01	29.9%
732 · Postage	1,791.44	2,000.00	-208.56	89.6%
740 · Office Supplies	0.00	600.00	-600.00	0.0%
742 · Operating Supplies	964.20	9,000.00	-8,035.80	10.7%
745 · Maintenance & Repair	17,288.04	56,000.00	-38,711.96	30.9%
800 · Audit	1,050.00	1,050.00	0.00	100.0%
801 · Engineering, Attorney Fees	0.00	500.00	-500.00	0.0%
802 · Well Head Protection	0.00	250.00	-250.00	0.0%
803 · Water System Improvements	11,635.65	14,000.00	-2,364.35	83.1%
829 · SNB Bonds - principal	0.00	43,000.00	-43,000.00	0.0%
830 · SNB Bond Interest	24,460.00	28,000.00	-3,540.00	87.4%
919 · Repair & Replacement Mason	0.00	500.00	-500.00	0.0%
921 · Utilities Expense	7,784.95	10,000.00	-2,215.05	77.8%
956 · Miscellaneous Expense	336.70	1,200.00	-863.30	28.1%
957 · Training and Conferences	0.00	500.00	-500.00	0.0%
958 · Dues and Memberships	2,967.86	4,000.00	-1,032.14	74.2%
968 · Depreciation Expense	0.00	0.00	0.00	0.0%
<b>Total Expense</b>	<b>96,844.45</b>	<b>215,800.00</b>	<b>-118,955.55</b>	<b>44.9%</b>
<b>Net Ordinary Income</b>	<b>41,620.05</b>	<b>0.00</b>	<b>41,620.05</b>	<b>100.0%</b>
<b>Net Income</b>	<b>41,620.05</b>	<b>0.00</b>	<b>41,620.05</b>	<b>100.0%</b>

## Osceola Township-Water Fund

## Balance Sheet

As of January 31, 2021

	Jan 31, 21
<b>ASSETS</b>	
Current Assets	
Checking/Savings	
10-19 · SNB NOW Checking	
10-19-1 · SNB-General Checking	104,885.37
10-19-2 · New Truck Fund	10,500.00
10-19 · SNB NOW Checking - Other	-1,062.74
Total 10-19 · SNB NOW Checking	114,322.63
10-22 · Miner's Bank Money Market	
10-22-1 · New Bond Redemption	71,760.00
10-22-2 · Repair and Replacement	1,946.32
10-22 · Miner's Bank Money Market - Other	387.63
Total 10-22 · Miner's Bank Money Market	74,093.95
Total Checking/Savings	188,416.58
Accounts Receivable	
10-36 · Current Accounts Receivable	-0.20
Total Accounts Receivable	-0.20
Other Current Assets	
10-35 · Water Fund A/R	41,235.84
10-37 · Due from TC Water Dept.	528.40
10-40 · Due from Mason Wastewater Fund	175.00
Total Other Current Assets	41,939.24
Total Current Assets	230,355.62
Fixed Assets	
10-130 · Land	15,600.00
10-141 · Buildings	39,424.36
10-142 · Vehicles	29,500.00
10-144 · Equipment & Machinery	-1.00
10-150 · Fixed Assets - Water Lines	2,547,306.35
10-152 · Fixed Assets-Coast Guard Lines	108,795.02
10-153 · Accumulated Depreciation	-1,548,035.53
Total Fixed Assets	1,192,589.20
<b>TOTAL ASSETS</b>	<b>1,422,944.82</b>
<b>LIABILITIES &amp; EQUITY</b>	
Liabilities	
Current Liabilities	
Other Current Liabilities	
20-200 · Accrued interest	12,660.00
20-240 · Due to General Fund	4,669.83
Total Other Current Liabilities	17,329.83
Total Current Liabilities	17,329.83
Long Term Liabilities	
20-300 · Bonds Payable (SNB)	590,000.00
Total Long Term Liabilities	590,000.00
Total Liabilities	607,329.83
Equity	
35-345 · Contributed Capital	432,884.03
35-346 · Contributed Capital-Horner FI	106,400.00
35-390 · Fund Balance	234,710.91
Net Income	41,620.05
Total Equity	815,614.99
<b>TOTAL LIABILITIES &amp; EQUITY</b>	<b>1,422,944.82</b>

## Osceola Township-Water Fund

## Check Detail

January 2021

Type	Num	Date	Name	Item	Account	Paid Amount	Original Amount
Bill Pmt -Check	3856	01/04/2021	MJO Contracti...		10-19-1 · SNB-Ge...		-565.00
Bill		01/04/2021			803 · Water Syste...	-565.00	565.00
TOTAL						-565.00	565.00
Bill Pmt -Check	3857	01/04/2021	RC Mechanical...		10-19-1 · SNB-Ge...		-552.55
Bill		01/04/2021			803 · Water Syste...	-552.55	552.55
TOTAL						-552.55	552.55
Bill Pmt -Check	3858	01/04/2021	Semco Energy		10-19-1 · SNB-Ge...		-59.08
Bill		01/04/2021			921 · Utilities Exp...	-59.08	59.08
TOTAL						-59.08	59.08
Bill Pmt -Check	3859	01/06/2021	Associated Ba...		10-19-1 · SNB-Ge...		-102.93
Bill		01/06/2021			731 · Vehicle Exp...	-37.33	37.33
					742 · Operating S...	-4.54	4.54
					742 · Operating S...	-46.46	46.46
					732 · Postage	-14.50	14.50
TOTAL						-102.93	102.93
Bill Pmt -Check	3860	01/06/2021	UPPCO		10-19-1 · SNB-Ge...		-874.53
Bill		01/06/2021			921 · Utilities Exp...	-874.53	874.53
TOTAL						-874.53	874.53
Bill Pmt -Check	3861	01/06/2021	Range Teleco...		10-19-1 · SNB-Ge...		-199.00
Bill		01/06/2021			745 · Maintenanc...	-199.00	199.00
TOTAL						-199.00	199.00
Bill Pmt -Check	3862	01/06/2021	White Water A...		10-19-1 · SNB-Ge...		-34.00
Bill		01/06/2021			710 · Water Samp...	-34.00	34.00
TOTAL						-34.00	34.00
Bill Pmt -Check	3863	01/06/2021	Wuebben Con...		10-19-1 · SNB-Ge...		-3,500.00
Bill		01/06/2021			803 · Water Syste...	-1,400.00	1,400.00
					803 · Water Syste...	-1,050.00	1,050.00
					803 · Water Syste...	-1,050.00	1,050.00
TOTAL						-3,500.00	3,500.00
Bill Pmt -Check	3864	01/20/2021	Aire Care		10-19-1 · SNB-Ge...		-63.15
Bill		01/20/2021			745 · Maintenanc...	-63.15	63.15
TOTAL						-63.15	63.15
Bill Pmt -Check	3865	01/20/2021	Verizon Wireless		10-19-1 · SNB-Ge...		-50.99
Bill		01/20/2021			728 · Telephone	-50.99	50.99
TOTAL						-50.99	50.99
Bill Pmt -Check	3866	01/20/2021	White Water A...		10-19-1 · SNB-Ge...		-34.00
Bill		01/20/2021			710 · Water Samp...	-34.00	34.00
TOTAL						-34.00	34.00
Bill Pmt -Check	3867	01/25/2021	UPPCO		10-19-1 · SNB-Ge...		-65.13
Bill		01/25/2021			921 · Utilities Exp...	-65.13	65.13
TOTAL						-65.13	65.13

## Water Supervisors Report for January 2021

Meter Reads were done in Tamarack on February 1, 2021.

Reads have not been done in Dollar Bay

New water service installed on Hellman on January 26,27 2021

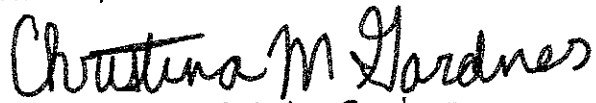
BACTI tests were Negative

## Report from the Water Secretary for February 2021

Monday, February 8, 2021

Due to issues with getting the software that communicates with Bob's handhelds for my new computer, the Dollar Bay reads couldn't be started until 12/08/2021. I am behind where I would normally be in the billing, so I am not going to submit a regular report for February. I will include any information with the March 2021 report.

Thanks, and find a way to enjoy the snow!

A handwritten signature in black ink that reads "Christina M Gardner". The signature is written in a cursive style with a large initial "C".

Submitted by Christina Gardner  
Water Department Secretary

## Mark Halkola

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**From:** Aaron S. Janke [ajanke@upea.com]  
**Sent:** Tuesday, February 2, 2021 11:04 AM  
**To:** supervisor@osceolatwp.com  
**Cc:** Don Wareham; Traci Sleeman Houle; treasurer@osceolatwp.com; Bob Mattfolk  
**Subject:** Township Water Building Overhead Winch  
**Attachments:** Crane Beam Design - Water Building.PDF

All,

We have looked at this quick to come up with a way to add an overhead winch system to the building to help move the pipes out.

The township doesn't own anything that can move these pipe sections around except a trailer. This will allow bob to pick the pipes out of storage from the back and bring them forward to put on a trailer.

A trolley piece much be purchased and match the beam, currently there is no power in the building so a manual chainfall might need to be used for now until power can be brought in.

I had George Kiiskila come down one day just to help out quick and he sized this for about 1500 lbs so only one pipe at a time. No charge really for this.

We can talk more but I am just putting this out there so it can be talked about.

Let me know if we have any questions.

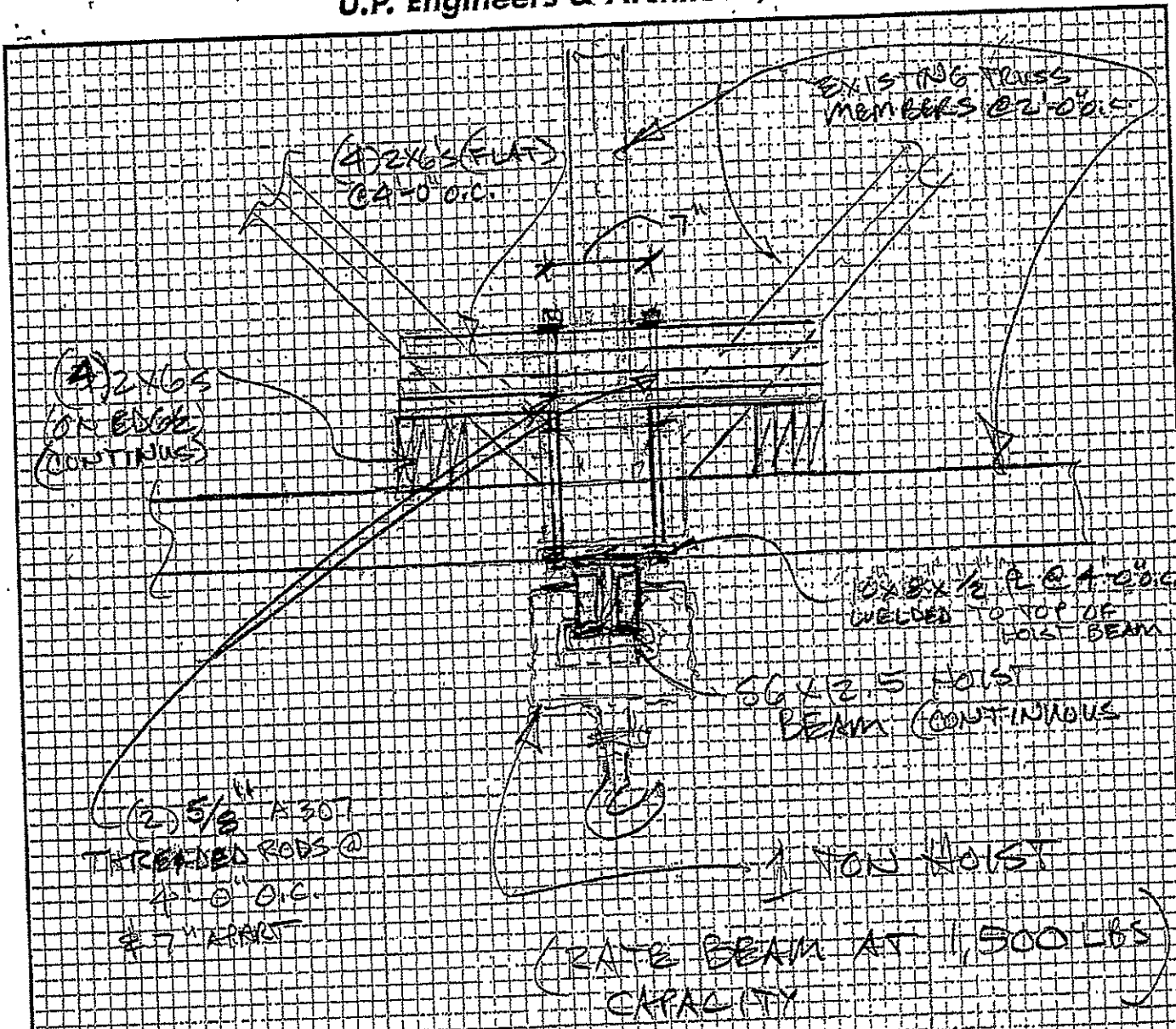
Aaron Janke, P.E.  
(MI, IA, IL, KY, MN, IN, TX, MD, KS, DE)  
Civil Engineer

### **U.P. Engineers and Architects, Inc.**

100 Portage Street  
Houghton, MI 49931

P: (906) 482-4810  
D: (906) 315-1332  
C: (906) 370-7208  
F: (906) 482-9799

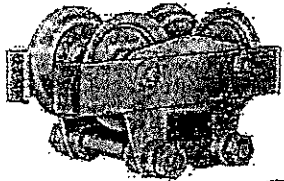
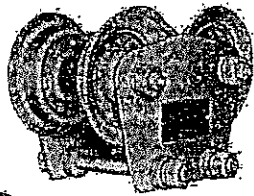




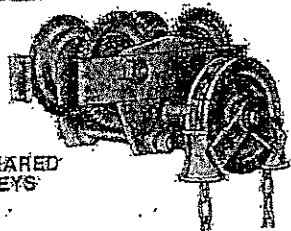
**A** PROPOSED HOIST BEAM SUPPORT  
 SCALE: 1" = 1'-0"

# BUDGET Rigid Mount Trolleys

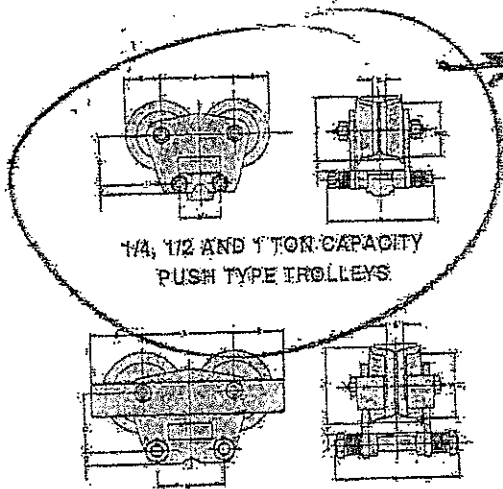
FOR USE WITH LUG MOUNTED HOISTS,  
1/4 THRU 2 TON CAPACITIES



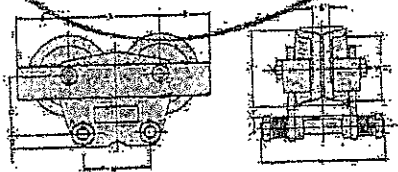
PUSH TYPE TROLLEYS



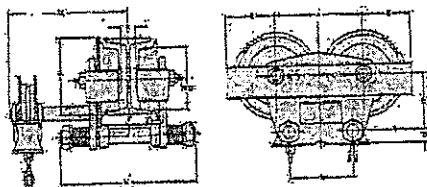
HAND GEARED TROLLEYS



1/4, 1/2 AND 1 TON CAPACITY  
PUSH TYPE TROLLEYS



2 TON CAPACITY  
PUSH TYPE TROLLEYS



1 AND 2 TON CAPACITY  
HAND GEARED TROLLEYS

These rigid mount trolleys are designed especially for use with lug suspended hoists. The trolleys attach directly to lug brackets on hoists, thereby forming integral trolley-hoist combinations, offering close headroom dimensions — making the trolley-hoist ideal for hoisting applications where distance from floor to I-beam is limited.

The trolleys are of all steel construction to provide maximum strength. Wheels have hardened treads, insuring long life, and operation ball bearings for easy travel. Pressure fittings are provided in wheel axles to simplify lubrication.

On hand geared models, the hand chain operated wheel turns a pinion which meshes with wheel gears for ease of operation and accurate spotting. The chain guide keeps the chain aligned with the wheel and helps prevent fouling. The wheel gears and drive pinion have machine cut teeth.

Anti-tilt rollers are provided on hand geared trolleys, as well as the 1-ton push type for extended hand chain wheel hoist, to eliminate tilting of trolley on beam when operating with light load or without load.

## OUTLINE DIMENSIONS

Capacity (tons)	Catalog Number	A	B	C	D	WD	Min. F	H	Max. J	Min. K	Max. M	N
1/4	905401	4 3/4	2 3/4	3 1/2	1 3/4	3 3/4	3/8	3 3/4	3 3/4	3/8	—	3 3/4
1/2	905401	4 3/4	2 3/4	3 3/4	1 3/4	3 3/4	3/8	3 3/4	3 3/4	3/8	—	3 3/4
1/2	905411	5 1/2	3 1/4	3 7/8	1 1/2	4	3/8	3 7/8	4 1/2	3/8	—	3 3/4
1	905409	5 1/2	2 1/4	3 7/8	1 1/2	4	3/8	3 7/8	4 1/2	3/8	—	3 3/4
1	905413	5 1/2	3 1/4	3 7/8	1 1/2	4	3/8	3 7/8	4 1/2	3/8	—	3 3/4
1	905413	5 1/2	3 1/4	3 7/8	1 1/2	4	3/8	3 7/8	4 1/2	3/8	1 1/4	3 3/4
1 1/2	905403	6 1/2	3 1/4	4 1/4	1	4 1/4	3/8	4 1/4	5	3/8	—	5
1 1/2	905408	6 1/2	3 1/4	4 1/4	1	4 1/4	3/8	4 1/4	5	3/8	—	5
1 1/2	905412	6 1/2	3 1/4	4 1/4	1	4 1/4	3/8	4 1/4	5	3/8	1 1/4	5
1 1/2	905414	6 1/2	3 1/4	4 1/4	1	4 1/4	3/8	4 1/4	5	3/8	1 1/4	5
2	905403	6 1/2	3 1/4	4 1/4	1	4 1/4	3/8	4 1/4	5	3/8	—	5
2	905408	6 1/2	3 1/4	4 1/4	1	4 1/4	3/8	4 1/4	5	3/8	—	5
2	905412	6 1/2	3 1/4	4 1/4	1	4 1/4	3/8	4 1/4	5	3/8	1 1/4	5
2	905414	6 1/2	3 1/4	4 1/4	1	4 1/4	3/8	4 1/4	5	3/8	1 1/4	5

All dimensions are shown in inches unless otherwise specified.

\*Dimension "F" is based on largest size beam on which trolley will operate. Dimension increases slightly for each of the smaller size beams.

\*\*This dimension (K) occurs on smallest size beam only. On larger sizes of beams it is increased by the difference in flange width.

## SIZES, CATALOG NUMBERS AND SPECIFICATIONS

Capacity (tons)	Push Trolley		*Hand Geared Trolley		**Min. Beam Depth		Adjustable For Flange Width (Ins.)	Min. Radius of Curva Trolley Will Negotiate
	Catalog No.	Net Wgt. (Lbs.)	Catalog No.	Net Wgt. (Lbs.)	Push	Hand Geared		
1/4	905401	15			4	—	2-5/8 to 4-5/8	2'-0"
1/2	905401	15			4	—	2-5/8 to 4-5/8	2'-0"
1/2	905411	23	905411	40	—	5	3 to 5	3'-0"
1	905409	24	905413	41	—	5	3 to 5	3'-0"
1	905413	24	905413	41	—	5	3 to 5	3'-0"
1-1/2	905403	43	905412	52	5	7	3-3/8 to 6	4'-0"
1-1/2	905408	44	905414	58	5	7	3-3/8 to 6	4'-0"
2	905403	43	905412	52	5	7	3-3/8 to 6	4'-0"
2	905408	44	905414	58	5	7	3-3/8 to 6	4'-0"

\*Hand geared trolleys have standard hand chain drop of 3'-6". Longer chain available.

\*\*When used on smallest beam size, beam must be free of all obstructions, such as clips, suspension bolts, and nuts.

\*\*\*For 1 1/2 and 2 ton applications on wider flange beams, mount on 1-ton trolleys.

MARTIN CUSTOM AND COLLISION  
48844 BANFIELD AVE M-26  
HANCOCK, MI 49930  
TEL: (906) 482-7708 / FAX: (906) 482-3403  
TAX ID # 20-8646392 STATE LICENSE NUMBER: F159865

\*\*\* PRELIMINARY ESTIMATE \*\*\*

07/19/2017 02:58 PM

**Owner**

Owner: Osceola Township  
Contact: Bob Mattfolk  
Address:

Cell: (906)281-5578

**Inspection**

Inspection Date: 02/01/2018 04:26 PM  
Appraiser Name: Kyle Coponen  
Address: 42078 N. Hancock St  
City State Zip: Chassell, MI 49916  
Email: Coponenkyle@gmail.com

Inspection Type:

Appraiser License # :  
Work/Day: (605)881-0770  
FAX:

**Repairer**

Email: mcc@pasty.net

Target Complete Date/Time:

Days To Repair: 3

**Vehicle**

OEM Part Price Quote ID: \*\*\*\*

2013 Ford F-250 Super Duty XL 4 DR Ext Cab Short Bed  
8cyl Gasoline 6.2 FLEX  
6-Speed Automatic

Lic.Plate: 015 X 581  
Lic Expire:  
Prod Date:  
Veh Insp# :  
Condition:  
Ext. Refinish: Two-Stage

Lic State:  
VIN: 1FT7X2B64DEA76977  
Mileage: 61,227  
Mileage Type: Actual  
Code: P8274A  
Int. Refinish: Two-Stage

**Options**

4-Wheel Drive  
Anti-Lock Brakes  
Full Size Spare Tire  
Intermittent Wipers  
Power Steering  
Side Airbags  
Styled Steel Wheels  
Tinted Glass  
Vinyl Seats

AM/FM Stereo  
Camper/Towing Package  
Halogen Headlights.  
Overhead Console  
Rear Bench Seat  
Split Front Bench Seat  
Tachometer  
Traction Control System

Air Conditioning  
Dual Airbags  
Heavy Duty Suspension  
Power Brakes  
Rear Step Bumper  
Stability Cntrl Suspensn  
Tilt & Telescopic Steer  
Trailer Hitch

2013 Ford F-250 Super Duty XL 4 DR Ext Cab Short Bed  
 Claim # 1

Damages						Price	ADJ%	B%	Hours	R
Line	Op	Guide	MC	Description	MFR,Part No.					
<u>Front End Panel And Lamps</u>										
1	RI	41		Headlamp Assy, Halogen LT	R & I Assembly				0.7	SM
<u>Front Body And Windshield</u>										
2	I	103		Fender, Front LT	Repair				3.0*	SM
3	L	103	13	Fender, Front LT	Refinish				3.6	RF
					2.5 Surface					
					0.6 Two-stage setup					
					0.5 Two-stage					
4	RI	74		Nameplate, Fender LT	R & I Assembly				0.2	SM
5	RI	1604		Guard, Fender Mud LT	R & I Assembly				0.2	SM
<u>Front Body Interior Sheetmetal</u>										
6	RI	107		Skirt, Inner Fender LT	R & I Assembly				0.8	SM
<u>Manual Entries</u>										
7	SB			Hazardous Waste Removal	Sublet Repair	\$5.00*				SM
				.7 Items						

MC Message  
 13 INCLUDES 0.6 HOURS FIRST PANEL TWO-STAGE ALLOWANCE

**Estimate Total & Entries**

Paint & Materials 3.6 Hours @ \$38.00 \$136.80 \$136.80  
 Parts & Material Total

Labor	Rate	Replace Hrs	Repair Hrs	Total Hrs	
Sheet Metal (SM)	\$58.00	1.9	3.0	4.9	\$284.20
Mech/Elec (ME)	\$70.00				
Frame (FR)	\$70.00				
Refinish (RF)	\$58.00	3.6		3.6	\$208.80

Labor Total 8.5 Hours \$493.00  
 Sublet Repairs \$5.00  
 Gross Total \$634.80  
 Net Total \$634.80

Alternate Parts No  
 OEM Part Prices DT 01/22/2021 02:01 PM EstimateID 781957813634080768 QuoteID \*\*\*\*  
 Rate Name Default

Audatex Estimating 8.0.911 Update 5 ES 01/22/2021 02:03 PM REL 8.0.911 Update 5 DT 12/01/2020  
 State Disclosure:MI  
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1.1 HRS WERE ADDED TO THIS ESTIMATE BASED ON AUDATEX'S TWO-STAGE REFINISH FORMULA.

Op Codes

* = User-Entered Value	^ = Labor Matches System Assigned Rates	E = Replace OEM
NG = Replace NAGS	EC = Replace Economy	OE = Replace PXN OE Srpls
UE = Replace OE Surplus	ET = Partial Replace Labor	EP = Replace PXN
EU = Replace Recycled	TE = Partial Replace Price	PM = Replace PXN Reman/Rebit
UM = Replace Reman/Rebuilt	L = Refinish	PC = Replace PXN Reconditioned
UC = Replace Reconditioned	TT = Two-Tone	SB = Sublet Repair
N = Additional Labor	BR = Blend Refinish	I = Repair
IT = Partial Repair	CG = Chipguard	RI = R & I Assembly
P = Check	AA = Appearance Allowance	RP = Related Prior Damage

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Solepro

State of Michigan  
Department of Environment, Great Lakes, and Energy  
Drinking Water and Environmental Health Division

# EGLE

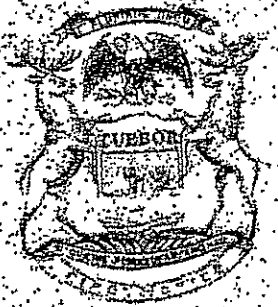
CERTIFIES

**Robert M. Mattfolk**

**WATERWORKS SYSTEM OPERATOR**

Classification(s) Held

**S-3**



Having carefully considered education, professional experience, and established competence,  
this Certificate is hereby granted in accordance with  
the Michigan Safe Drinking Water Act, 1976 PA 399, as amended.

2452  
Operator I.D. Number

01/15/2021  
Issuance Date

01/15/2024  
Expiration Date

Authority: Michigan Safe Drinking Water Act, 1976 PA 399, as amended.



GRETCHEN WHITMER  
GOVERNOR

STATE OF MICHIGAN  
DEPARTMENT OF  
ENVIRONMENT, GREAT LAKES, AND ENERGY  
MARQUETTE DISTRICT OFFICE

**EGLE**

LIESL HICHLER CLARK  
DIRECTOR

**COPY**

January 22, 2021

Osceola Township Board  
P.O. Box 437  
Dollar Bay, Michigan 49922

WSSN: 01840  
County: Houghton  
System: Osceola Township

ATTENTION: Ms. Tracey Houle, Township Clerk

Dear Board Members:

SUBJECT: Osceola Township Water Supply Evaluation

This letter confirms Michigan Department of Environment, Great Lakes, and Energy (EGLE) staff visit on December 10, 2020 with Mr. Bob Mattfolk to conduct a Survey of the Osceola Township (Township) water supply and to present the final findings, discuss areas for improvement, and identify timelines for corrective action where appropriate. The purpose of a Survey is to evaluate the water supply system with respect to the requirements of the Michigan Safe Drinking Water Act, 1976 PA 399, as amended (Act 399). It is also an opportunity to update EGLE's records, provide technical assistance, and identify potential risks that may adversely affect drinking water quality. Enclosed is a summary of our findings and an updated copy of your basic inventory report.

Survey Element	Findings
Source	No Deficiencies/Recommendations
Treatment	No Deficiencies/Recommendations
Distribution System	No Deficiencies/Recommendations
Finished Water Storage	No Deficiencies/Recommendations
Pumps	No Deficiencies/Recommendations
Monitoring & Reporting	No Deficiencies/Recommendations
Management & Operations	No Deficiencies/Recommendations
Operator Compliance	Recommendation
Security	No Deficiencies/Recommendations
Financial	No Deficiencies/Recommendations
Other	No Deficiencies/Recommendations

During the Survey, we noted the following item that must be addressed to maintain compliance with Act 399. The items below must be completed to avoid Act 399 violations:

1. We do not have an updated system map showing the tanks, water main (material and size), hydrants, and valves for the Dollar Bay and Tamarack City systems. Mr. Mattfolk showed the Dollar Bay map prepared by Traverse Engineering that appeared to meet the requirements. Please forward to us the maps for both systems for review and approval.
2. We do not have a Capital Improvement Plan (CIP) on file for the Township. The CIP identifies capital projects over 5-year and 20-year planning periods and includes major water supply infrastructure replacement costs and anticipated life spans. Storage tanks, wells, water main, valves, and hydrants should be included. A comprehensive CIP for water infrastructure can significantly increase funding opportunities for communities seeking low interest state and federal loans and/or grants for water system improvement projects. Please submit a CIP.
3. The Township's Cross Connection Control Program is dated 2006 and must be updated to include EGLE's requirement for certified testers for backflow prevention devices and other current information. We will email EGLE's updated Model Cross Connection Control Program that the Township can use as a template.
4. The Township's Bacteriological Sample Siting Plan should be updated with the new EGLE template with updated EGLE contacts and Township contacts. We will email the template for completion.
5. The Township's Emergency Response Plan (ERP) in our file is dated 2000 and should be updated. We will email an electronic version of the ERP for completion and submission.
6. Water systems are required to complete a Reliability Study to determine the quantity of water needed to reliably supply its customers. The study shall be based on 5-year and 20-year projections of water use. The Township can request a waiver in writing from the Reliability Study requirement. Acceptable reasons for granting a waiver include lack of anticipated growth or demands. Please either submit an updated Reliability Study or a waiver request.
7. The pump to waste pipe at the wellhouse needs a screen or cap on the outlet.  
*Screened 1-27-21*



Recommendations:

Recommendations are suggestions the public water supply should consider, to enhance its operations and services, and to avoid future deficiencies. During the Survey, the one following recommendation was identified:

1. We recommend the Township retain a certified backup water operator to assist Mr. Mattfolk and maintain system when he is not available.

Other Items

- Mr. Mattfolk stated the Township would like to switch from the vertical turbine well pumps to submersible pumps. If the Township decides to switch pumps please submit a Permit Application for the new pumps.
- The chlorinator was running during the visit for a water main repair. Please note the chlorinator cannot operate indefinitely and if it is run continually then Osceola Township will be classified as a D water system and have specific requirements for operator certification and monthly reporting.

Please provide a schedule to address the requirements by February 26, 2021.

If you have any questions, please feel free to contact me at the phone number listed below, or by e-mail at [flaminio@michigan.gov](mailto:flaminio@michigan.gov).

Sincerely,



Tom Flaminio, P.E., District Supervisor  
Field Operations Section  
Drinking Water and Environmental Health  
Division  
Marquette District Office  
906-236-9746

TF:cw

Enclosures: Sanitary Survey Review Summary  
Basic Inventory Reports

cc: Mr. Bob Mattfolk, Water Operator in Charge

File: Osceola Township Water Supply Correspondence

MONTHLY WELL PUMPAGE

WSSN 1840

MONTH/YEAR 1/21

Day of Month	DAILY PUMPAGE — MILLION GALLONS PER DAY										Daily Total MGD							
	Well Number																	
1											.0839							
2											.0827							
3											.0819							
4											.0812							
5											.0817							
6											.1249							
7											.0846							
8											.0843							
9											.0813							
10											.1108							
11											.0970							
12											.0834							
13											.0858							
14											.0828							
15											.1221							
16											.0849							
17											.0837							
18											.0846							
19											.0852							
20											.0826							
21											.0804							
22											.1234							
23											.0862							
24											.0852							
25											.0807							
26											.1250							
27											.0836							
28											.0847							
29											.0854							
30											.0823							
31											.0816							
<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 10%;">Monthly Total</td> <td style="width: 10%;">2.7879</td> </tr> <tr> <td>Monthly Maximum</td> <td>1.250</td> </tr> <tr> <td>Monthly Average</td> <td>.0899</td> </tr> <tr> <td>Monthly Minimum</td> <td>.0804</td> </tr> </table>											Monthly Total	2.7879	Monthly Maximum	1.250	Monthly Average	.0899	Monthly Minimum	.0804
Monthly Total	2.7879																	
Monthly Maximum	1.250																	
Monthly Average	.0899																	
Monthly Minimum	.0804																	

Remarks: