



Memorandum

Office of the Village Manager

TO: Honorable President Howlett and Village Council
FROM: Darwin D. P. McClary, Village Manager
DATE: October 3, 2022

RE: **VILLAGE MANAGER'S REPORT**

PUBLIC WORKS EMPLOYEE UNION

The village and union held the first collective bargaining session on September 22. Council will be convening into closed session on October 3 to discuss bargaining strategy.

SKATE RAMP REPLACEMENT PROJECT

The new skate ramp equipment has been installed at Veterans Memorial Park and has been inspected and approved by the village's building inspector.

BANK ACCOUNTS

I have met with The State Bank in Stockbridge and have determined that the bank is able to provide all of the financial products, including sweep accounts, that the village would require to be able to move our checking account from Independent Bank in Pleasant Lake back to Stockbridge. The State Bank can also provide credit cards for designated village staff.

Eaton Community Bank expects to be able to offer sweep accounts early next year but currently does not provide this product.

This matter will be on the agenda for council's November 7 meeting, and I will be recommending that council authorize the transfer of accounts from Independent Bank to The State Bank.

EGLE RECONNAISSANCE INSPECTION – STABILIZATION LAGOONS

The Michigan Department of Environment, Great Lakes, and Energy performed an unannounced inspection of the village's stabilization lagoon system on August 18. The results of the surprise inspection were very positive, and **the report is attached** for the information of council. Administration will be following up with EGLE regarding the ferric chloride storage building.

I wish to commend IAI Waste Water Operator In Charge Matt Thomas and our outstanding DPW laborers, Josh Fletcher and Brian Craft, for the incredible work they do to keep our sanitary sewer collection and treatment systems operating properly. We appreciate them so much!

ENGINEERING SERVICES PROPOSALS UPDATE

The Engineering Services Review Committee met and reviewed proposals from eight (8) firms for engineering consulting services. Two of the firms focus on architectural services rather than engineering and were eliminated from consideration. The committee has selected four firms (IMEG of Saline, Jones & Henry of Kalamazoo, Williams & Works of Grand Rapids, and Wolverine Engineering of Mason) as finalists for consideration. The committee has prepared interview questions and will be interviewing each of these firms over two days on October 11 and October 12. The committee will then consider a recommendation to the village council on award of a contract.

CHICKEN ORDINANCE UPDATE

A draft chicken ordinance was prepared by the Village Attorney and reviewed by the Chicken Ordinance Committee. No further action on this matter has been taken.

DEER CULL PROGRAM UPDATE

The Deer Cull Committee has met and discussed steps needed to formulate a recommendation to council on whether to move forward with a deer cull program and, if so, the details of the program. The committee is considering a program similar to that that was implemented previously by the City of East Lansing. A citizen opinion questionnaire will be distributed with the October utility bills seeking input from the public on attitudes toward a deer cull program. The survey will include a question gauging interest in a backyard chicken ordinance as well.

FY 2023-24 BUDGET PREPARATION

I will be presenting a proposed FY 2023-24 Budget Preparation Calendar to council for review and approval at your November 7 meeting. The calendar will outline all of the steps and deadlines in the budget preparation process.

UPCOMING EVENTS

The following activities and events are coming up over the next few weeks:

- OPEN AIR MARKET – Fridays from 4:00 PM to 7:00 PM through October 28 in the township square
- PLANNING COMMISSION MEETING – Thursday, October 6, 2022, 6:30 PM
- SAESA BOARD MEETING – Wednesday, October 12, 2022, 7:00 PM
- STOCKBRIDGE DDA BOARD MEETING – Thursday, October 27, 2022, 6:15 PM
- VILLAGE COUNCIL REGULAR MEETING – Monday, November 7, 2022, 7:00 PM



GRETCHEN WHITMER
GOVERNOR

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



LIESL EICHLER CLARK
DIRECTOR

September 27, 2022

Compliance Communication No. CC-004291

VIA E-MAIL

Darwin McClary, Village Manager
Village of Stockbridge
305 West Elizabeth Street
P.O. Box 155
Stockbridge, Michigan 49285

Dear Darwin:

SUBJECT: National Pollutant Discharge Elimination System (NPDES)
NPDES Permit No. MI0057208
Designated Name: Stockbridge WWSL
Reconnaissance Inspection
Compliance Communication

On August 18, 2022, staff of the Department of Environment, Great Lakes, and Energy (EGLE), Water Resources Division (WRD), conducted an evaluation of the Stockbridge Wastewater Stabilization Lagoon (WWSL), located at 611 South Williams Street, Stockbridge, Ingham County, Michigan (Facility), to evaluate the Facility's compliance with Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (NREPA); and NPDES Permit No. MI0057208, issued May 28, 2019, effective June 1, 2019.

The inspection was unannounced and upon arrival, there were no personnel at the Facility; therefore, I made my observations unaccompanied. Following the inspection, Matt Thomas called me, and we discussed the Facility's operations and my evaluation, which included a records review and site inspection.

The Stockbridge stabilization lagoons are a four-cell treatment facility with aeration and the ability to add chlorine for disinfection, if necessary. Treated wastewater is pumped via forcemain for discharge through Outfall 001 to the Thornapple Creek. The Facility also holds a permit that allows treated effluent to be discharged to groundwater via spray irrigation.

The following items were identified and/or discussed during my evaluation.

1. Before inspecting the Stockbridge WWSL, I drove to the wastewater irrigation fields at the request of Kevin Bott, EGLE, WRD. Kevin advised me the previous week that the Facility would be discharging treated effluent via the irrigation system. He asked me to walk the field and observe its operation. The irrigation system was functioning as designed and there was no ponding of water, resulting from the discharge, observed in

the fields. I then proceeded to the Stockbridge WWSL. In the office, I noted that the laboratory area and analytical equipment were clean, well ordered, and appeared ready for daily use.

2. At the lagoons, aerators were running in Cell 1, which is divided by a curtain wall into two regions for primary treatment. There was some floating material in the other cells, but operators were proactively using booms to sweep the cells and remove the vegetative material.
3. Water in Cell 4 (the discharge cell) appeared clear and there was no discernable odor.
4. There was no surface water (NPDES) discharge at the time of the inspection.
5. Bennett spoke briefly with staff, who were working at the lagoon to sweep duckweed and noted that they were doing a good job of keeping the berms mowed and the ponds clear of duckweed. They advised that Infrastructure Alternatives were still the operators in charge.
6. The Facility uses Ferric Chloride for phosphorus removal. There were several drums of Ferric Chloride positioned near the outfall of Cell 4, one of which was being pumped into the lagoon for treatment. There was no secondary containment under the drums. Perhaps the chlorine feed building, which is only being used for equipment storage, could be cleaned and repurposed so that the ferric drums could be moved into that building. This would provide secondary containment and safer storage than being outside exposed to the weather. The electrical source for the chemical feed pump would also be more accessible.
7. The Facility appeared to be maintaining compliance with the NPDES Permit. It is a positive operational improvement to see that the irrigation system (under the Groundwater Permit) had been rehabilitated and put into operation. This should reduce the urgency for surface water discharge (under the NPDES Permit) in the late fall.

Thank you for your cooperation in these matters. Please respond to Item 6, above, by **October 31, 2022**.

Should you require further information, please contact me at bennettc4@michigan.gov; 517-290-4095; or EGLE, WRD, Lansing District Office, 525 West Allegan Street, Constitution Hall, 1st Floor South, P.O. Box 30242, Lansing, Michigan 48909-7742.

Sincerely,



Charles Bennett
Lansing District Office
Water Resources Division

Stockbridge WWSL
NPDES Permit No. MI0057208
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Enclosure: Inspection Report
cc: Matt Thomas, Infrastructure Alternatives (electronic)
Cheri Meyer, EGLE, WRD
Kevin Bott, EGLE, WRD

Stockbridge WWSL: 18553

NPDES – Reconnaissance Inspection

Inspector: Charles Bennett

Start Date: August 17, 2022

NPDES – Reconnaissance Inspection				
<i>1. Date of Inspection:</i>		August 18, 2022		
<i>2. Approximate Start Time:</i>		12:30 PM		
<i>3. Permit Number:</i>		MI0057208		
<i>4. Facility Designated Name:</i>		Stockbridge WWSL		
<i>5. Inspection Purpose/Description:</i>		Scheduled		
<i>6. Inspection Participant Information:</i>				
Participant Name	Title	Affiliation	Phone Number	Email Address
Charles Bennett	Sr Env Engineer	EGLE-WRD-Lansing District Office	517-290-4095	bennettc4@michigan.gov
Matt Thomas (by phone)	Operator	Infrastructure Alternatives	517-416-5511	mthomas@iaiwater.com
<i>7. Opening Conference Notes:</i>				
Conducted unannounced Reconnaissance inspection. Kevin Bott, EGLE-WRD, advised Bennett that the facility was currently discharging via the irrigation system and to please observe the irrigation system operation. Walked through the field and observed the irrigation system functioning normally. No ponding of water was observed. Went to the office at the lagoons. No operators were there at the time, but the laboratory area appeared clean and well ordered.				
<i>8. Observation and Discussion Notes:</i>				
Aerators were running in Cell 1, which is divided by a curtain into two regions for primary treatment. There was some floating material in the other cells, but operators were proactively using booms to sweep the cells and remove the vegetative material. Water in Cell 4 (the discharge cell) appeared clear and there was no discernable odor. There was no surface water (NPDES) discharge at the time of the inspection. Bennett spoke briefly with staff who were working at the lagoon to sweep duckweed and noted that they were doing a good job of keeping the berms mowed and ponds clear of duckweed. They advised that Infrastructure Alternatives (IA) were still the operators in charge.				
<i>9. Closing Conference Notes:</i>				
The facility uses Ferric Chloride for phosphorus removal. There were several drums of Ferric Chloride positioned near the outfall of Cell 4, one of which was being pumped into the lagoon for treatment. It is suggested the chlorine feed building, which is only being used for storage, be cleaned and the drums moved into that building. This would provide safer storage than being outside exposed to the weather, as well as provide a close electrical source for the chemical feed pump. Following the inspection, Matt Thomas, IA, called me to discuss my visit. I advised Matt that the facility appeared to be maintaining compliance with the NPDES Permit, and that it was good to see the irrigation system (under the GW Permit) had been rehabilitated and put into operation. This should reduce the urgency for surface water discharge (under the NPDES Permit) in the late fall.				
<i>10. Were photographs taken?</i>				<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
ppt of photos uploaded to MiWaters				
<i>11. Completed By:</i>				Charles Bennett