

Stormwater Controls Inspection, Maintenance and Effectiveness August 1, 2019 to December 31, 2020

See attached inspections.
Successful EGLE audit conducted in 2020.

Illicit Discharge Elimination Plan (IDEP)

Regional IDEP Activities

A detailed description of the IDEP activities undertaken on an individual basis is included below. The IDEP activities include dry-weather screening of stormwater outfalls, locating possible sources of contamination, responding to reported incidents, correcting the problems, and preventing new illicit connections.

The IDEP is being implemented under a cooperative program administered by GVMC and involving the county agencies and municipal units. The IDEP was approved by EGLE in August of 2013. GVMC conducted outfall screening during the summer of 2018 on behalf of the MS4 communities in the Lower Grand River Watershed.

Please describe any dry-weather screening conducted during the reporting period and the findings of that screening.
Dry weather screening was performed in 2018 and is due again in 2023.
<p>Please list any other known and/or resolved illicit discharges identified during the reporting period and status of elimination. For significant discharges, also list the pollutants involved with an estimate of the volume and loading. Please describe enforcement action, if any.</p> <p>Examples of illicit discharges include: malfunctioning septic systems; sanitary sewer leaks, overflows, or cross-connections; laundry water discharges; leaking fluids from vehicles, barrels, dumpsters, or tanks; concrete truck wash water; polluted runoff from temporary or permanent storage areas; improper fire hydrant flushing; spills from auto accidents; power washing wastewater; industrial/commercial wastewater, dumping; and any other violation of the IDEP ordinance.</p>
<p>9/8/2020</p> <p>Reported illicit discharge from resident on the Lowing Comstock Drain. Contacted J. Bush about blue cloudy color discharging into drain. Rain all night after discharge reported. Assumed to be a resident</p>

using anti algae products due to the proximity of Cedar Lake East. Address of reportee: 8904 Cedar Lake Dr. - Georgetown Twp. No color present upon follow up inspection.
Please list the status and schedule for elimination for any illicit discharges identified but not eliminated during this reporting period. Also, report the status of any illicit discharges identified but not eliminated during previous reporting periods.
There have been no illicit discharges that were identified therefore none eliminated during the reporting period or previous reporting periods.
Please describe the actions your community takes when indications of illicit discharges have been identified.
If an illicit discharge is reported, the Township will notify both the Ottawa County Road Commission and the Ottawa County Water Resources Commissioner.
<p>Please provide:</p> <ul style="list-style-type: none">• An estimated quantification of the number of discharges eliminated, and• An estimated quantification of the volume of illicit flow eliminated (<i>For large spills or, where the amount discharged is possible to estimate</i>).
NA

Georgetown Township

Identify any specific coordination with the health department in response to illicit discharge elimination for failed or failing septic fields, or identify if any septic systems have been eliminated in your community and hooked up to the municipal system.

There was a conversion of 40 septic systems to the Township sanitary sewer system.

Describe the effectiveness of the program to prevent illicit discharges and the method used to assess effectiveness.

Effective- none were reported to the Township, but the proper channels were followed when reported to the County Water Resources Commissioners office.

New Point Source Discharges of Stormwater

Do you own or operate any NEW or previously unidentified stormwater discharges?

☐ Yes ☒ No If "yes," please indicate which discharge points are new on your outfall map or list.

Is your stormwater discharge point map attached or provided electronically?

☐ Map is attached ☐ Map is provided electronically ☒ Other. Please explain in comments section.

Is your stormwater discharge point list attached or provided electronically?

☐ List is attached ☐ List is provided electronically ☒ Other. Please explain in comments section.

Comments:

Lists were submitted to EGLE in Early 2019 as Appendix 2 in the Illicit Discharge Elimination Plan revision as part of the 2016 MS4 Permit Application.

Each community maintains an updated map of their MS4, with the help of GVMC Environmental Programs, or REGIS.

Soil Erosion and Sedimentation Control

Part 91 Administration Authority:

Ottawa County Water Resources Commission - CEA

Was the Part 91 agency, or appropriate staff if you are the Part 91 agency, notified when the soil or sediment was discharged to your MS4 from a construction activity in accordance with the approved procedure? Yes

Was the Michigan Department of Environment, Great Lakes, and Energy (EGLE) notified when soil, sediment, or other pollutants were discharged to your MS4 from a construction activity in accordance with the approved procedure? Yes

Was a Part 91 permit issued for all construction activity one acre or greater in total earth disturbance with the potential to discharge to your MS4? Yes

Post Construction Controls Activities Completed August 1, 2019 to December 31, 2020

Georgetown Township has a Storm Water Ordinance, Ord. No. 2002-01, §§ 1.01--9.01, Chapter 48 as amended, revised 3-1-06, that controls stormwater in areas of new development and significant redevelopment. It includes various levels of control depending on zones established based on the sensitivity of the receiving waters. The ordinance also ensures that the owners of facilities constructed to meet the stormwater requirements properly operate and maintain the facilities.

The Township requires specific practices for water quality and stream protection as follows:

Sec. 48-43. Stormwater discharge rates and volumes.

The township and/or OCDC is authorized to establish minimum design standards for stormwater discharge release rates and to require dischargers to implement on-site retention, detention or other methods necessary to control the rate and volume of surface water runoff discharged into the stormwater drainage system, in the following circumstances:

- (1) A parcel of land is being developed in a manner that increases the impervious surface area of the parcel; or
- (2) The discharge exceeds the OCDC and/or township's calculated predevelopment discharge characteristics for the subject property, and the OCDC and/or township determines that the discharge is a violation of the drainage, flooding or soil erosion regulations of this chapter. (Ord. No. 2002-01, § 3.03, 2-11-02)

As described in Article VIII of the Ordinance, the Township requires Low Impact Development practices through its storm water management standards at sites of new development and significant redevelopment if located in Zone A of the Township.

The Storm Water Ordinance includes regulations that adhere to the Floodplain Ordinance and the Soil Erosion and Sedimentation Control program of the Township.

Storm water retention/detention issues and all inspection maintenance issues are complaint driven. When issues are brought to our attention they are referred to the Public Works Department. At that time they are visited and categorized depending on who has possession or jurisdiction over the said area.

- Ottawa County Drain Commission - Call Drain Commission with issue
- Ottawa County Road Commission - Call Road commission with issue
- Private Ownership - Call owner with issue and corrective measures to pursue. If not completed in timely manner Township will make corrections and charge to owner or place on tax rolls. Issues are almost always corrected under Code Enforcement if not under storm water ordinance.
- Georgetown Charter Township property - Corrective measures taken

Explain the enforcement activities of your comprehensive storm water management program for post-construction controls completed during this reporting period:

OCWRC handles this for the Township.

How many developments were approved with storm water controls according to PCC?

There are currently 4 developments or plat phases working through the approval steps between the Township and the Ottawa County Water Resources Commissioners Office.

Staff and Contractor Training
August 1, 2019 to December 31, 2020

Training Topic Area	Employee Group to Receive Training	Date of Training
		None completed in 2020-employees had completed in person stormwater training in the previous reporting period.

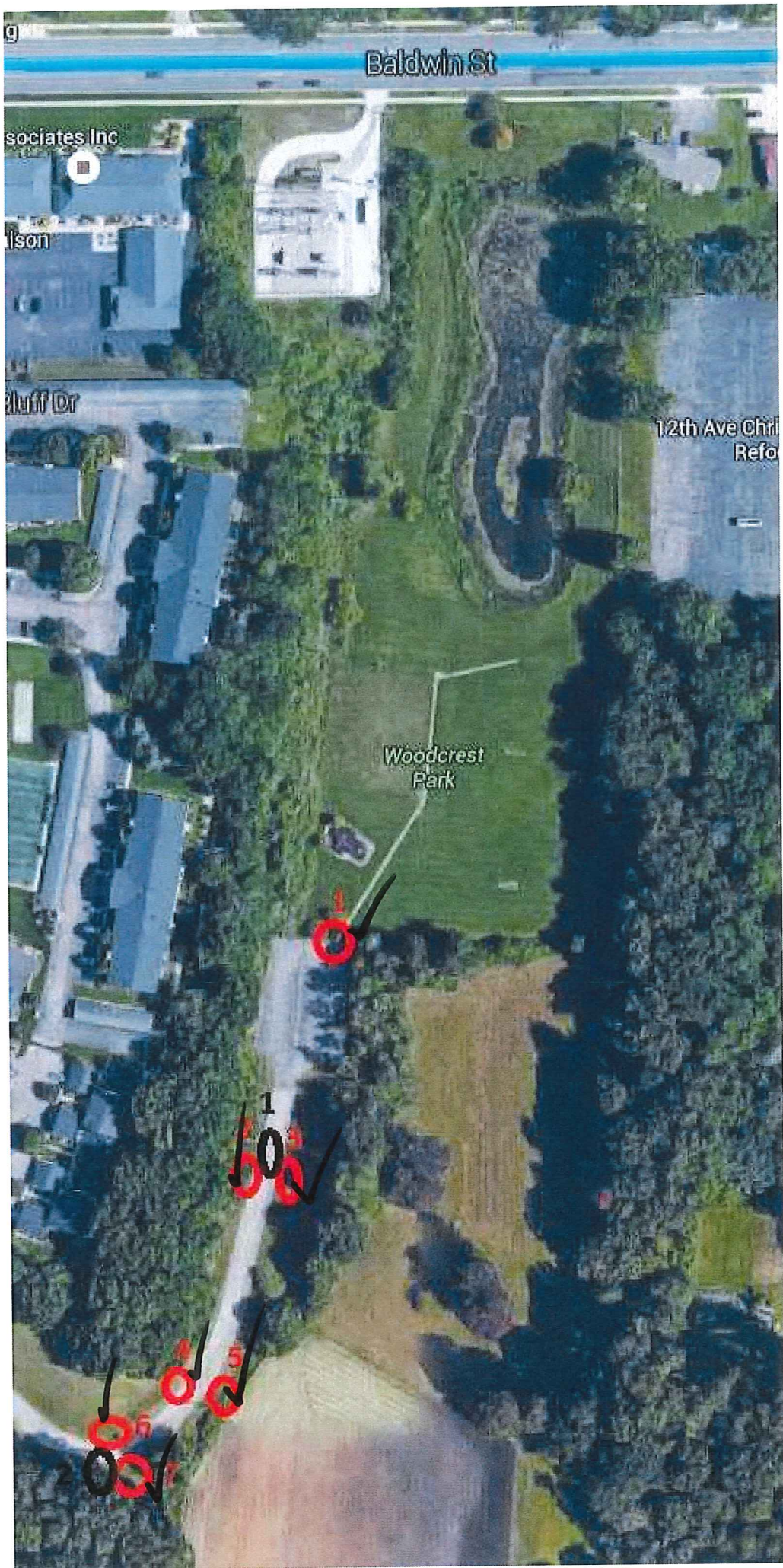
Other Actions

Please list any extra efforts your community has conducted above and beyond your commitments recorded above (e.g., stream buffer ordinance adoption, new management techniques, invasive species control, habitat enhancement/protection, logjam removal, stream/beach clean-ups, etc.) that have helped implement the **Lower Grand River Watershed Management Plan**:

The Township purchased 33 acres adjacent to Maplewood Lake with plans to help increase the quality of the runoff into the lake. The lake outflow ultimately discharges into the Grand River.

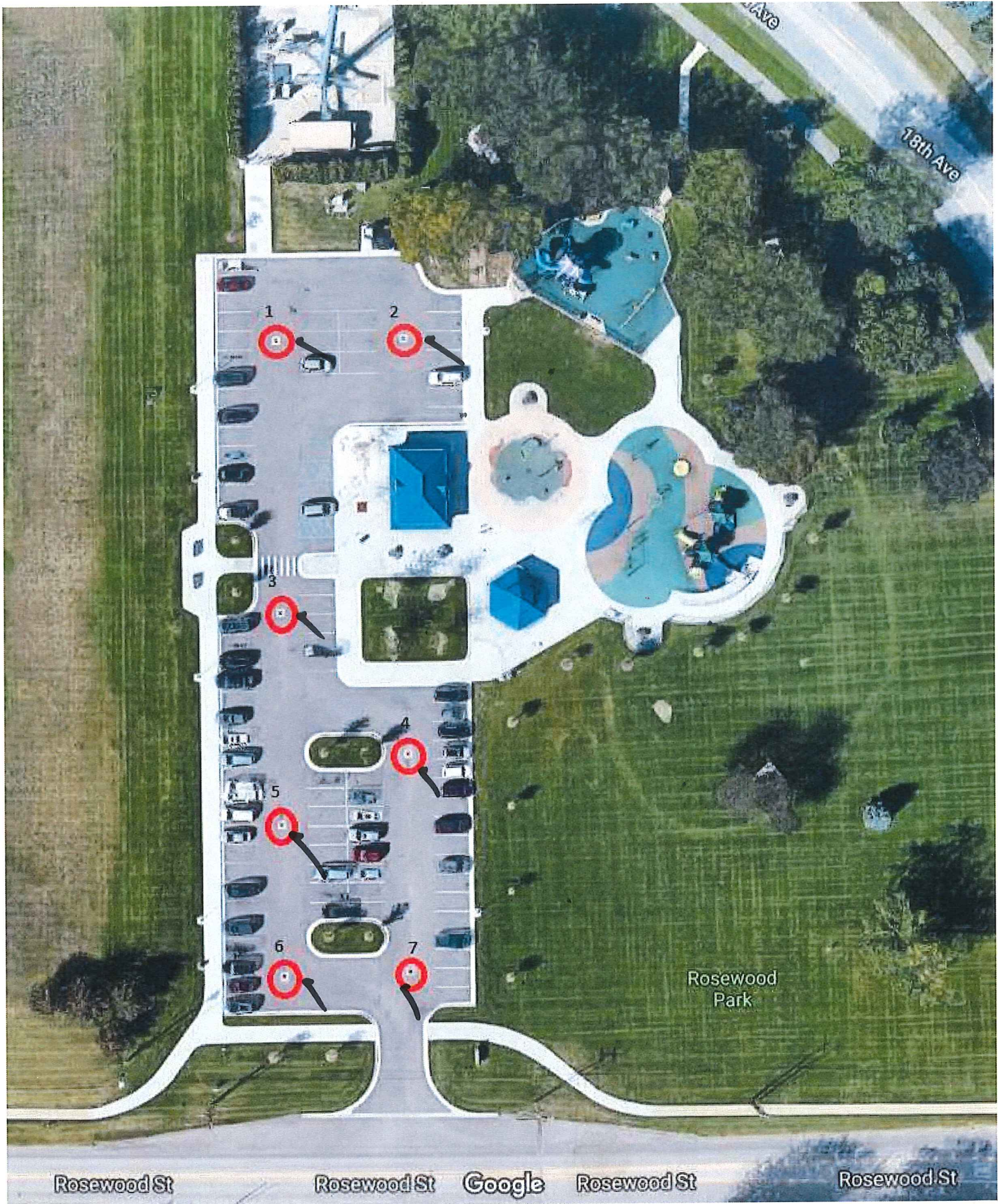
inspected 8-14-20



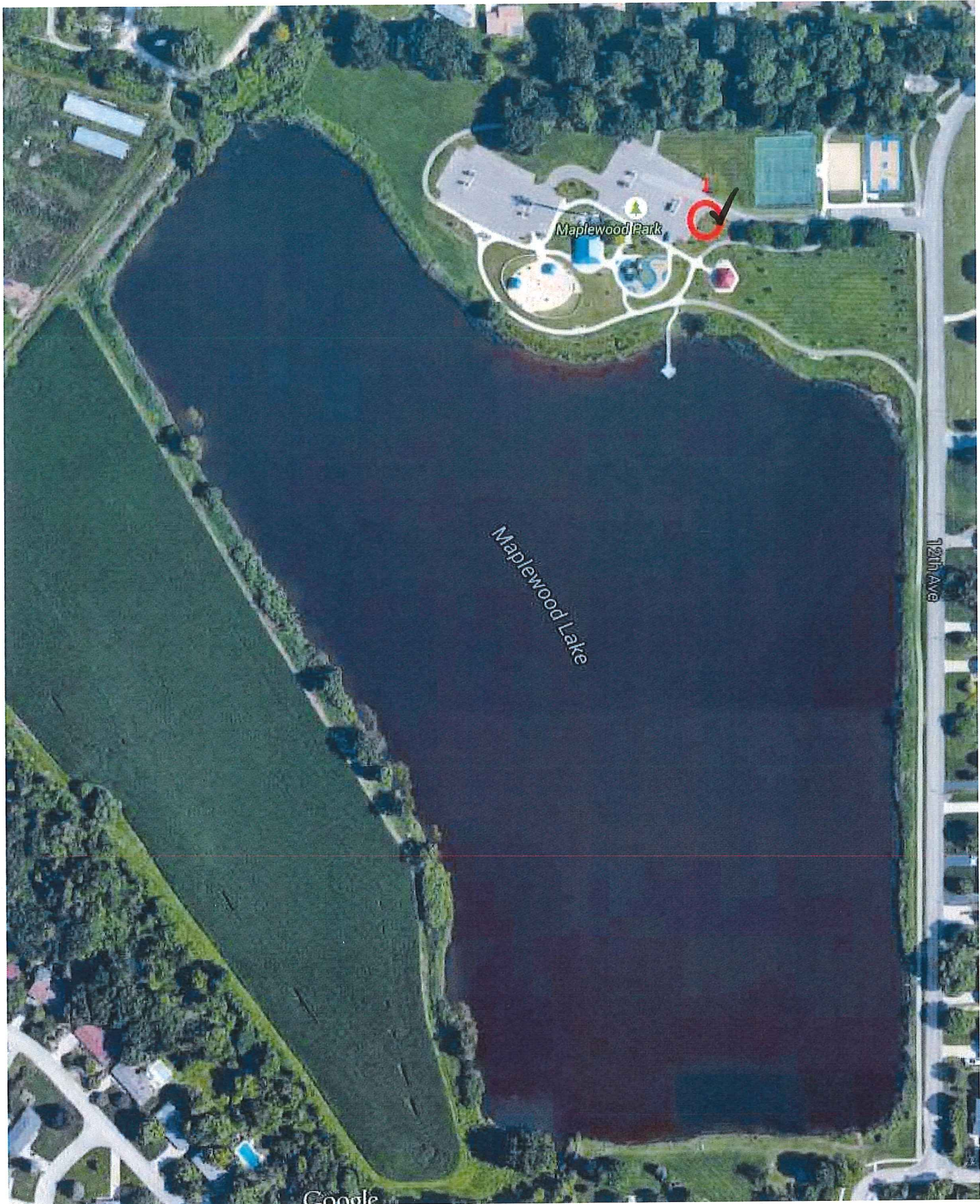


inspected 8-14-26

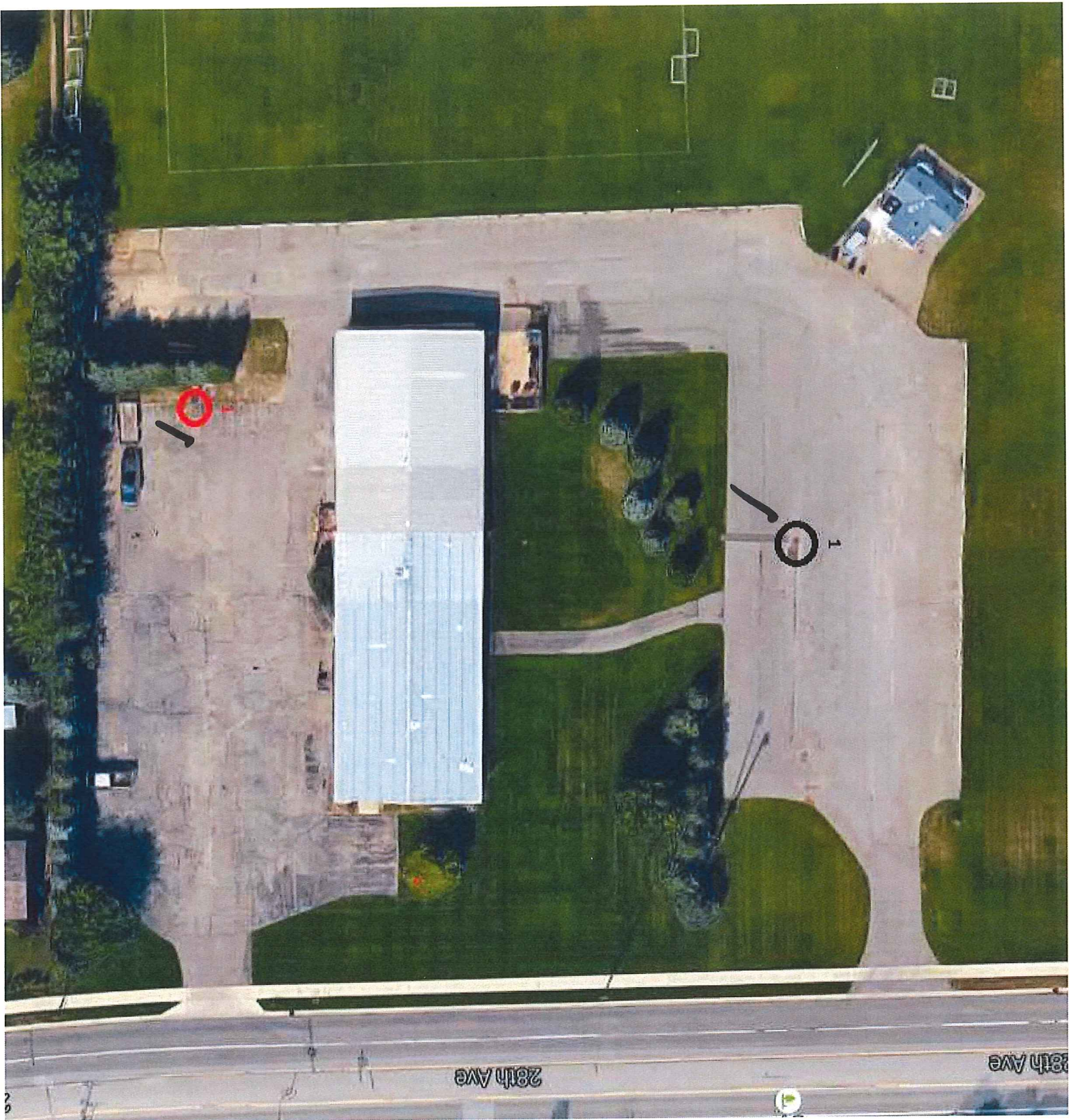
inspected 8-14-20

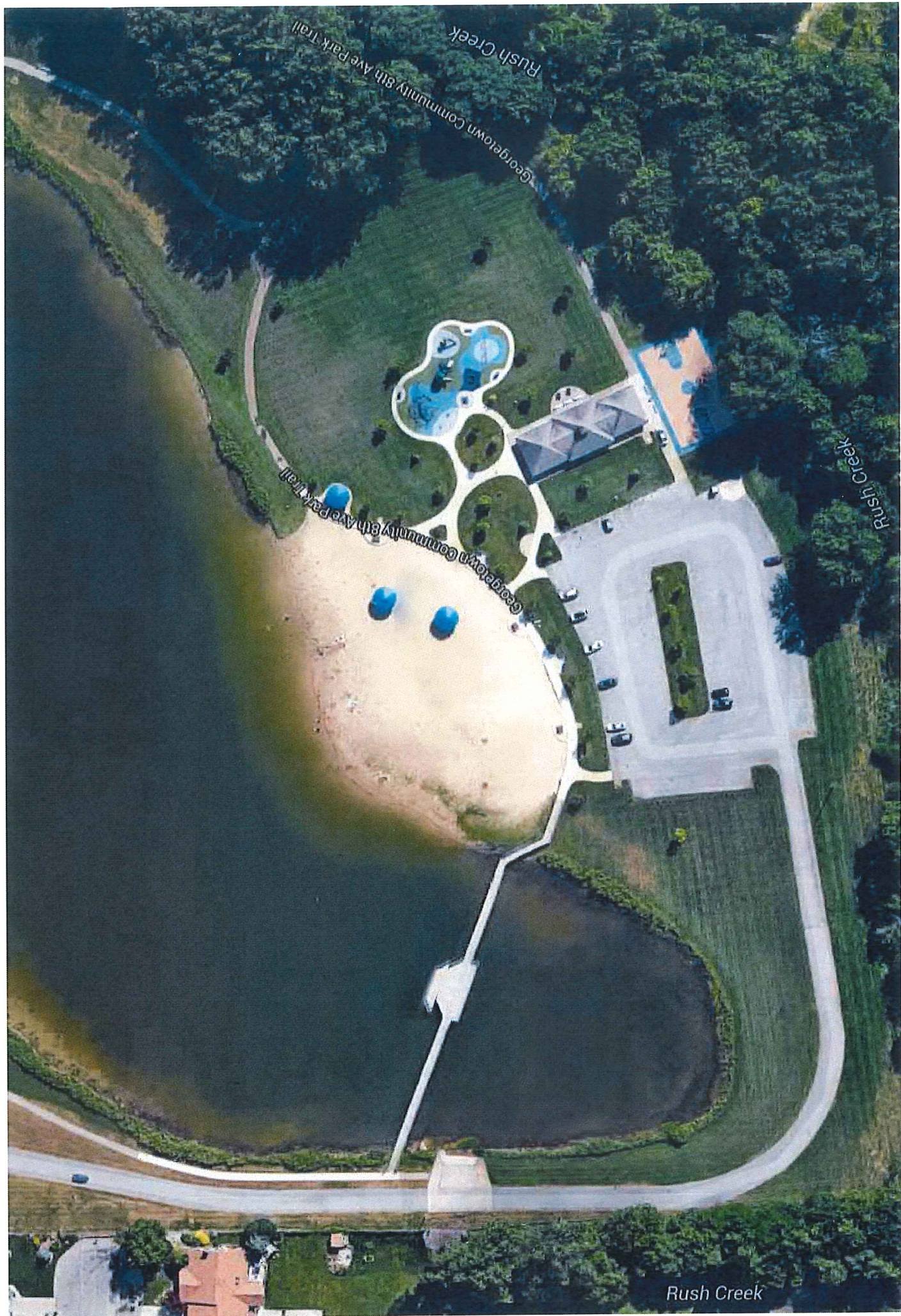


inspected 8-13-20



inspected 8-12-20



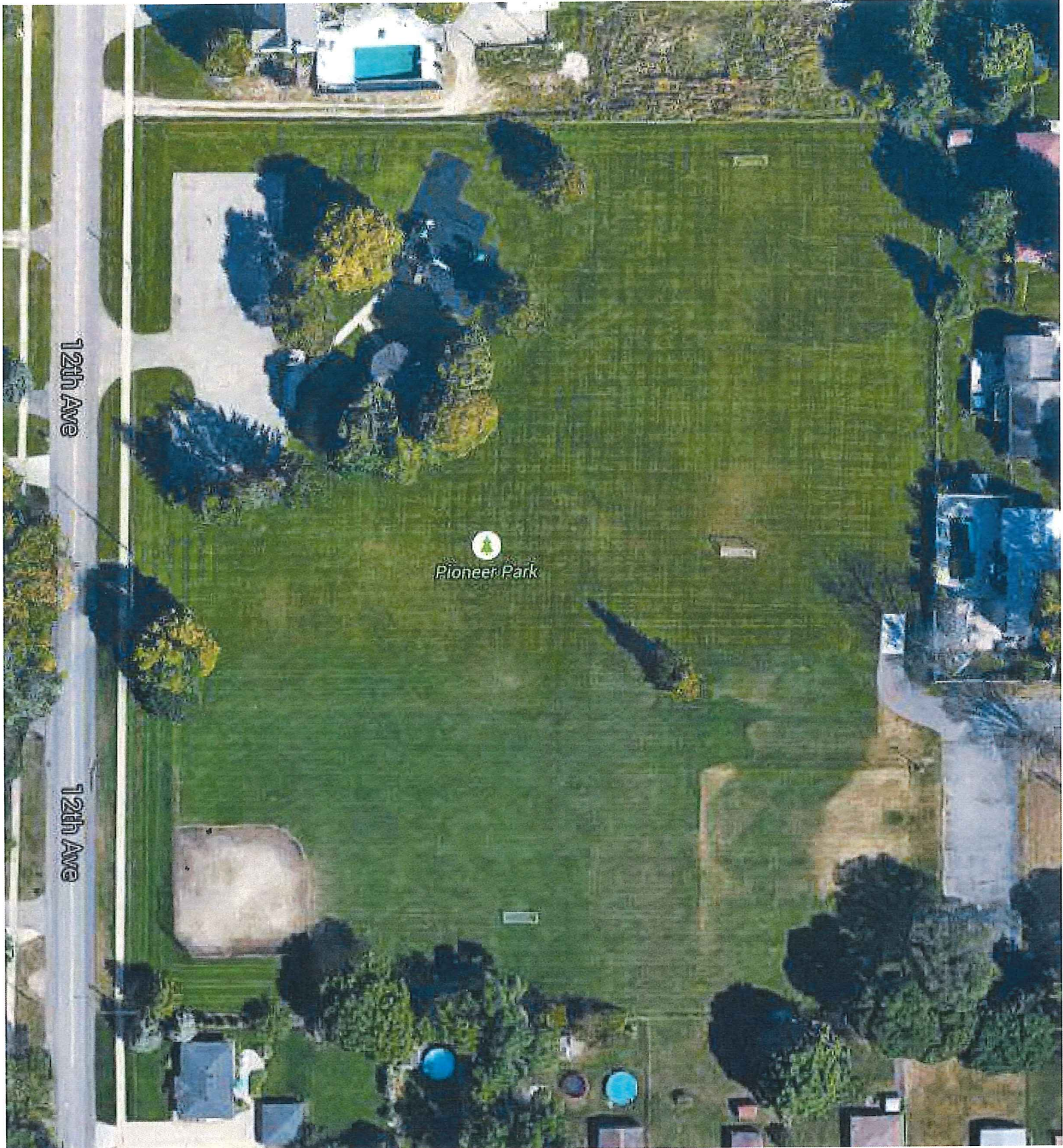


inspected 8-13-20

inspected 8-12-20



inspected 8-12-20



REVISIONS
NO. DATE DESCRIPTION

REVISIONS
NO. DATE DESCRIPTION

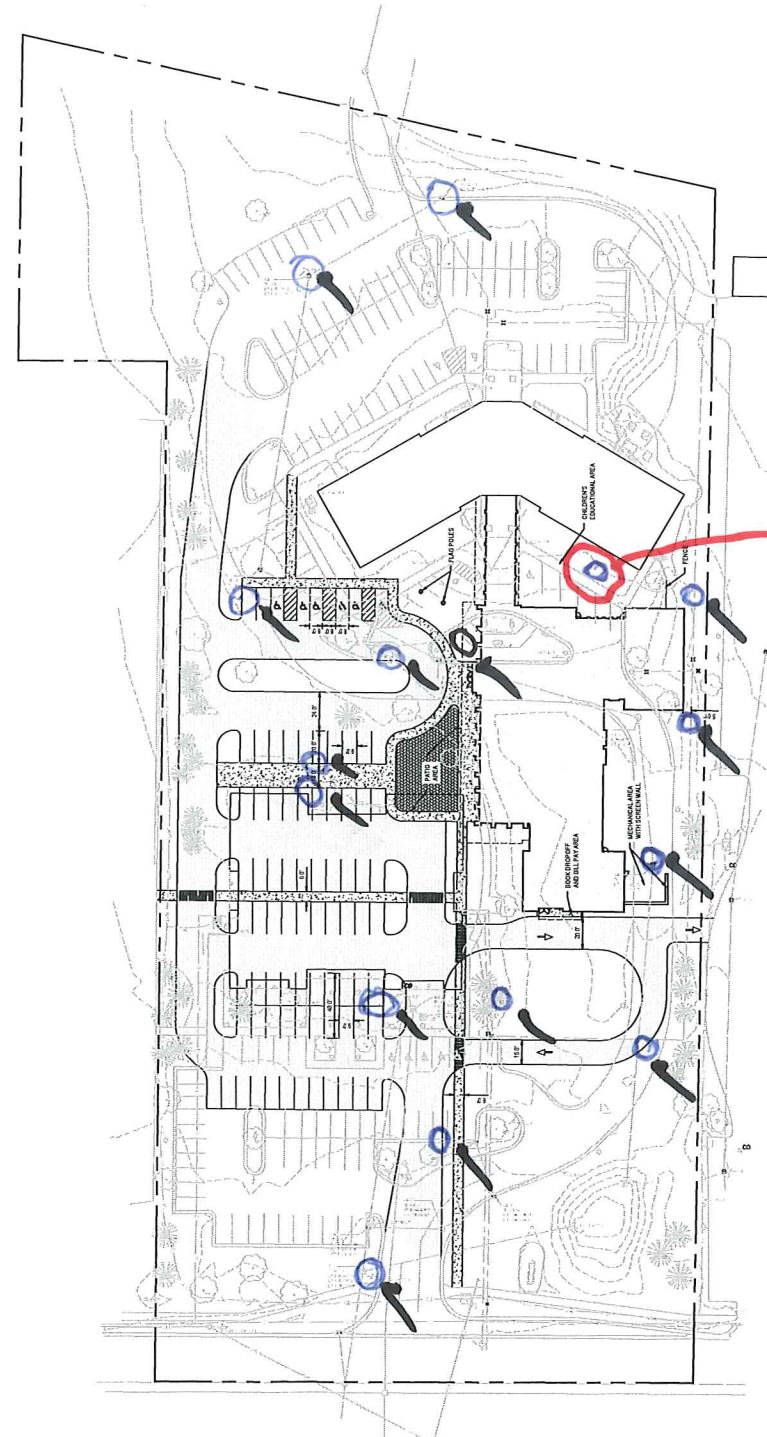
REVISIONS
NO. DATE DESCRIPTION

NOT FOR
CONSTRUCTION

ADDITION AND RENOVATION
GEORGETOWN TOWNSHIP LIBRARY
1515 BALDWIN AVE., JEKISON, WI 42629

progressive | ap

PARKING COUNT
EXISTING = 146 SPACES (INCL. 8 BARRIER FREE)
PROPOSED = 150 (INCL. 8 BARRIER FREE)



— SITE LAYOUT PLAN
NORTH

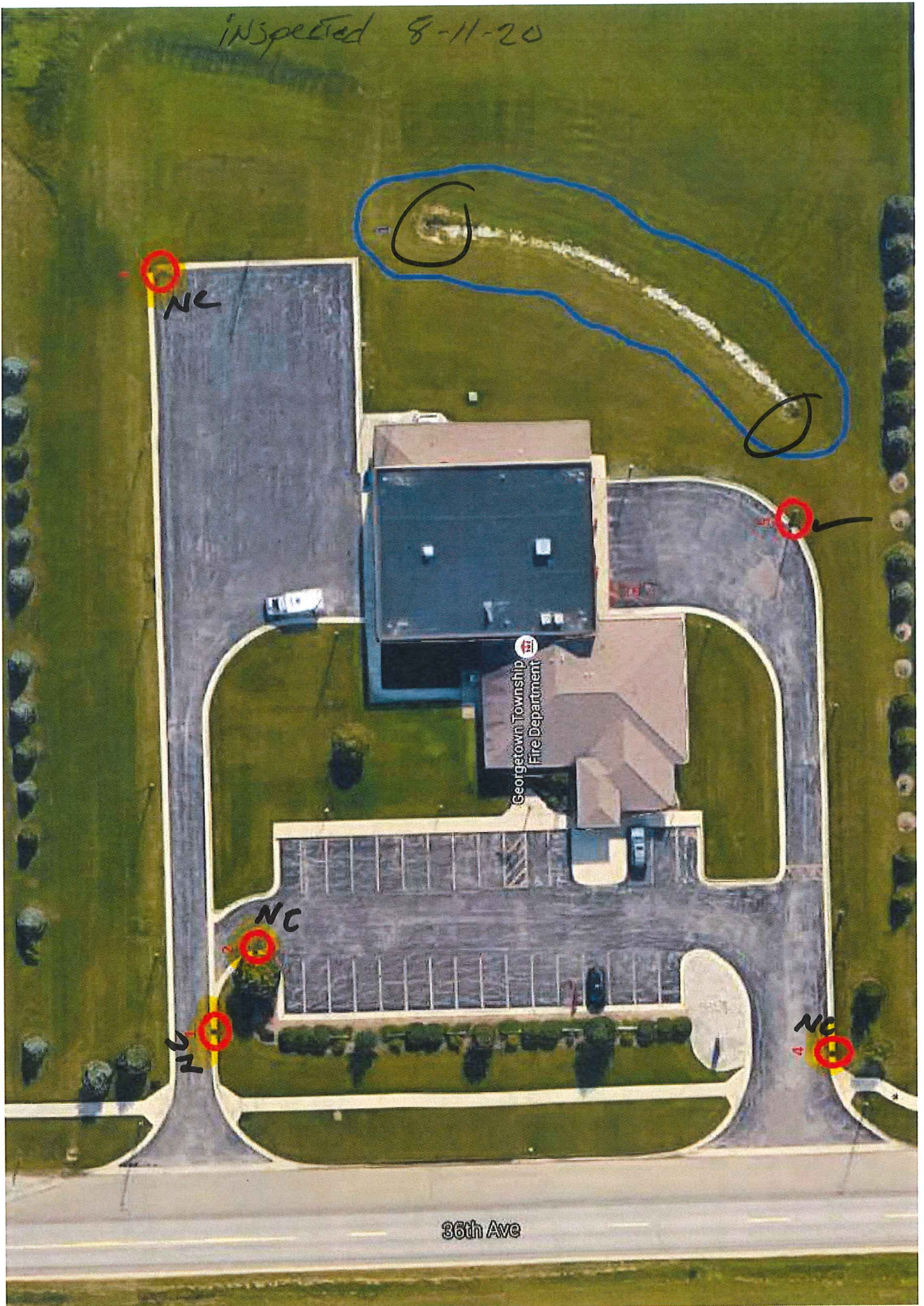
inspected 8-26-20

STILL HAS A SIT SACK



inspected 8-11-20

inspected 8-11-20



Georgetown Township
Fire Department

36th Ave

Project Name:	Date rec'd	Review Engineer	Notes:
1778 Dewent Drive Industrial Building	5/20/2020	D. Cole	Revised plans rec'd 6/23/20. Stormwater Calcs in folder.
Arrowaste	11/6/2020	D. Chase	Minimum impact
Automate Machine Systems -2020	5/14/2020	D. Cole	Encroachment Agreement and Storm water O& M Agreement record 7/1/21
Blue Stone Addition	7/13/2020	David Schultz	Recorded Maintenance agreement recorded
Chapel Point Ancillary Building	8/17/2020	David Schultz	Need a signed maintenance agreement for storm sewer System
Gleneagle Shores Condo	8/29/2020	David Schultz	433 is in the works
Hidden Lake West	12/22/2020	David Schultz	Preliminary Approval sent in January
Highland PK, LLC	3/19/2020	D. Cole	Stormwater Maintenance agreement and drain use permit
Hudsonville Public Schools: 5th and 6th Grade	12/28/2020	David Schultz	Very early stage still
Hudsonville Public Schools: High School	12/28/2020	David Schultz	Very early stage still
Jenison Christian School - New Drop Off	5/19/2020	LRE- Dan Fredricks	Design was reviewed and eventually approved by the reviewing engineer and OCWRC but a letter granting site drainage approval was never officially sent.
Members First Credit Union- Jenison	8/6/2020	D. Cole	Maintenance Agreement recorded and hard copy in development folder. Storm water calculations on sheet 2 of civil drawings.
Sheldon Crossing Condominiums Phase 2	12/30/2020	David Schultz	Construction Approval just sent 2/15/2021
Straight Path	10/6/2020	David Schultz	Maintenance Agreement completed and recorded 11/30/2020
Waterford Place - Phase 3	5/15/2020	David Schultz	Filed with previous submittals. Fees rec'd 6/10/20. Need to receive an updated stormwater maintenance agreement to reflect changes made in this phase.
Wesco #66 Hudsonville	12/31/2020	David Schultz	Very early stage still

Ottawa County Water
Resources Commissioner
summary of stormwater
projects in Georgetown
Twp.



GRETCHEN WHITMER
GOVERNOR

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



LIESL EICHLER CLARK
DIRECTOR

December 9, 2020

VIA EMAIL

Mr. Rod Weersing, Department of Public Works
Georgetown Township
1515 Baldwin Street
Jenison, Michigan 49429

Dear Mr. Weersing:

SUBJECT: Municipal Separate Storm Sewer System (MS4) Program Audit
National Pollutant Discharge Elimination System (NPDES)
Certificate of Coverage (COC) No. MIG610209
Designated Name: Georgetown Township MS4-Ottawa

Staff of the Department of Environment, Great Lakes and Energy (EGLE), Water Resources Division (WRD), Grand Rapids District Office (GRDO) conducted a desk audit and inspection of Georgetown Township's (Township) MS4 Program on November 9, 2020. The purpose of the evaluation was to determine compliance with Part 31, Water Resources Protection, of the Natural Resources and Environmental Protection Act, 1994 PA 451, as amended; and the NPDES MS4 Watershed Based General Permit No. MIG619000 and the township's COC No. MIG610209.

This audit included a comprehensive review of the Township's documented implementation of its MS4 Storm Water Management Program (SWMP) and a site inspection of the Township's facilities. As part of the audit, implementation of the following minimum control measures was evaluated: public education program (PEP), illicit discharge elimination program (IDEP), pollution prevention/good housekeeping program. The audit was based on the review of the following information:

- Progress reports dated 2015, 2017, 2019
- Prior on-site inspections/audits (2012)
- On-site inspection and conversation with permittee
- Additional records provided by permittee

The Township participates in and receives MS4 program support from the Lower Grand River Organization of Watersheds. The Township distributes PEP materials at Township offices and during public events. Dry-weather screening was most recently performed in 2018. Township properties are inspected regularly and maintained as needed. Employees have received appropriate pollution prevention and good housekeeping training.

The Township appears to be meeting the requirements of COC No. MIG610209. The Township's MS4 implementation has improved significantly since the last audit.

Thank you for your effort to implement the MS4 SWMP. If you have any questions, please contact me at (616) 401-9913; StAmourA@Michigan.gov; or at EGLE, WRD, Grand Rapids District Office, 350 Ottawa Avenue NW, Unit 10, Grand Rapids, Michigan 49503-2341.

Sincerely,



Amanda St. Amour
Senior Environmental Quality Analyst

as/lr

cc: Ms. Cara Decker, Grand Valley Metro Council (via email)

Jenison Public Schools

Maintenance Department

8151 20th Ave.

Jenison, Michigan 49428

Acknowledgment of Training

Signatures below are acknowledgment that on (date) 8/23/19
these individuals participated in a training session at the:

Maintenance Building

8151 20th Ave

Jenison, MI 49428

Given by: Jon Visser – Supervisor of Maintenance and Grounds

This training session presented information on illicit discharge detection and elimination. During this session, the individuals listed below viewed the training video:

Preventing Stormwater Pollution: What we can do

The participant's signatures below affirm that they were given adequate time to ask questions about their particular job activities and how they could best conduct these activities.

Print Name Here

Signature Here

Jon Visser
Mike Thornton
Brent Vander Ploeg
Mark Machiela
Joe Morse
Joe Biedewalt

Jon Visser
Mike Thornton
Brent Vander Ploeg
Mark Machiela
Joe Morse
Joe Biedewalt

**Jenison Public Schools
Storm Water Outflows
November 1, 2012**

✓ **JPS 1 -Sandy Hill Elementary School—1990 Baldwin Avenue 42.906253,-85.830852**

Print dated 2-6-98, Page C-2.2

A system of 20 catch basins and dry wells with one outfall into the county storm sewer.

JPS 2 -Bauerwood Elementary School—1443 Bauer Road 42.922275,-85.81528

Print dated 2-6-98, Page C-2.2

A system of 8 catch basins and dry wells with one outfall into the county storm sewer. ?

✓ **JPS 3 -Pinewood Elementary School—2405 Chippewa Street 42.911781,-85.8434**

Print dated 2-6-95, Page C-2.2

A system of 5 catch basins and dry wells with one outfall into the county storm sewer.

✓ **JPS 4 -Rosewood Elementary School—2370 Tyler Street 42.898699,-85.840885**

Print dated 2-4-60, Page C-1.1

A system with 5 dry wells, catch basins and 4 roof drains, with one outfall into the county storm sewer.

✓ **JPS 5 -Jenison Junior High School—8295 20th Avenue 42.919467,-85.832048**

Print dated 2-27-97, Page C-3.3

A system with 3 dry wells with one outfall into the county storm sewer.

✓ **JPS 6 -Jenison High School-West Parking Lot - 2140 Bauer Road 42.92159,-85.836185**

Print dated 2-17-97, Page C-3.1

-system with retention ponds with one outfall into the county storm sewer.

New pool built in 2003/ old pool filled in. Pool waste water flows to holding tank which is now hooked to sanitary sewer line. Print dated 5-28-03 C2.1

Jenison Public Schools

Maintenance Department

8151 20th Ave.

Jenison, Michigan 49428

Dry Weather Screening for Illicit Discharge

Date: 8/26/19 Time: 8:04am Performed By: Jon Visser

Location: Jenison High School

GPS Coordinates: 42.92159, -85.836185

Flow Observed? No

IF Flow Observed Take Sample of Flow:

Temperature of Sample: _____

PH of Sample: _____

Ammonia Present?: _____

Surfactants Present?: _____

Note any readily observable Sources to Outfall:

Comments:

Jenison Public Schools

Maintenance Department

8151 20th Ave.

Jenison, Michigan 49428

Dry Weather Screening for Illicit Discharge

Date: 8/26/19 Time: 11:40 pm Performed By: Jon Visser

Location: Sandy Hill Elementary

GPS Coordinates: 42.906520, -85.829970

Flow Observed? No

IF Flow Observed Take Sample of Flow:

Temperature of Sample: _____

PH of Sample: _____

Ammonia Present?: _____

Surfactants Present?: _____

Note any readily observable Sources to Outfall:

Comments:

Jenison Public Schools

Maintenance Department

8151 20th Ave.

Jenison, Michigan 49428

Dry Weather Screening for Illicit Discharge

Date: 8/26/19 Time: 11:30pm Performed By: Jon Visser

Location: Rosewood Elementary

GPS Coordinates: 42,899466, -85.841707

Flow Observed? No

IF Flow Observed Take Sample of Flow:

Temperature of Sample: _____

PH of Sample: _____

Ammonia Present?: _____

Surfactants Present?: _____

Note any readily observable Sources to Outfall:

Comments:

Jenison Public Schools

Maintenance Department

8151 20th Ave.

Jenison, Michigan 49428

Dry Weather Screening for Illicit Discharge

Date: 8/26/19 Time: 10:44am Performed By: Jon Visser

Location: Pinewood Elementary

GPS Coordinates: 42.911230, -85.842158

Flow Observed? No

IF Flow Observed Take Sample of Flow:

Temperature of Sample: _____

PH of Sample: _____

Ammonia Present?: _____

Surfactants Present?: _____

Note any readily observable Sources to Outfall:

Comments:

CATCH BASIN CLEANING

CLEANING DATE: July 29, 2020

CLEANING CONTRACTOR: Plumbers

CREW MEMBERS: R.C. Fox

Diameter to be to the nearest $\frac{1}{2}$ foot

Depths to be to the nearest 10th of a foot

Volume to be to the nearest 10th of a cubic foot

[illegible]



EPA NO. MIK 111229563 / MICHIGAN LICENSE NO. 640-2
Industrial and Commercial - 24 hour Answering Service
10075 Sedroc Industrial Drive Byron Center, MI 49315
Phone: (616) 877-3930 or 1-800-878-3996
www.plummersenvironmental.com

Work Order # 20122169

Onsite Start:	7:17 AM Jul 29th 2020	Onsite End:	8:11 AM Jul 29th 2020
Customer Name:	Jenlson Schools	Customer Address:	1253 Bauer Rd. Jenlson, MI 49428
Onsite Contact Name:	Nate	Service Location:	1253 Bauer Road Jenlson , MI 49428
Manifest #:	T-123023	Onsite Contact Phone #:	(616) 457-3740
Down Time (hr):	0.00	PO #:	
Field Operator	RC Fox	Explain:	
		Waste Type	Olly water sludge

Work Description:

Pumped cbs in shop separator and wash bay cb

Equipment:

Description	Equipment	Mobilization Type	Qty	UOM
Pump Truck	063	One Way Mobilization	0.90	

Labor:

Description	Contact	Mobilization Type	Qty	UOM
Field Operator	RC Fox	No Mobilization	0.90	HR
Field Operator		No Mobilization	0.90	HR

Services:

Description	Qty	UOM
Disposal Solid per Gallon	1500	GAL
Disposal Dump Time - Vacuum Truck	0.5	HR

Work Order Authorization:

I acknowledge completion of the described work which has been done to my (the customer's) satisfaction.

Signature: Nate

UNIFORM NON-HAZARDOUS WASTE MANIFEST		Generator's US EPA ID No. MIG000040747	Emergency Response Phone 616-877-3930	Manifest Tracking Number T-123023		
Generator's Name and Mailing Address Jenison Public School 1253 Bauer Rd Jenison MI			Site Location			
					Transporter Company Name 1 Plummer's Environmental Services	
					US EPA ID Number MIK 111 229 563	
					Transporter Company Name 2 	
Designated Facility Name and Site Address Plummer's Environmental Services 10075 Sedroc Industrial Byron Center MI 49315			US EPA ID Number MIK111229563			
US DOT Description (Including Proper Shipping Name, Class, ID Number, and Packing Group)		Containers No.	Type	Total Quantity	Waste Codes	
1. Other Waste				1500	029L	
2. Sanitary Sewer Cleanouts					032L	
3. Storm Sewer Cleanouts					031L	
4.						
Additional Descriptions for Materials Listed Above			Handling Codes for Wastes Listed Above			
1 - Sky water SWAC						
Special Handling Instructions and Additional Information						
Generator's Certification: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations. If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; or if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/ Typed Name		Signature		Date		
				7-29-20		
Transporter 1 Acknowledgement of Receipt of Materials Printed/ Typed Name		Signature		Date		
R C Fox		R C Fox		7-29-20		
Transporter 2 Acknowledgement of Receipt of Materials Printed/ Typed Name		Signature		Date		
Discrepancy Indication						
Facility Owner or Operator; Certification of receipt of non-hazardous materials covered by this manifest except as noted in Discrepancy Indication						
Printed/ Typed Name		Signature		Date		
Josh						

Jenison Public Schools

Maintenance Department
8151 20th Ave.
Jenison, Michigan 49428

Acknowledgment of Training

Signatures below are acknowledgment that on (date) 12/29/20
these individuals participated in a training session at the:

Maintenance Building
8151 20th Ave
Jenison, MI 49428

Given by: Jon Visser – Supervisor of Maintenance and Grounds

This training session presented information on illicit discharge detection and elimination. During this session, the individuals listed below viewed the training video:

P2GH - Pollution Prevention and Good Housekeeping
for Stormwater Management

The participant's signatures below affirm that they were given adequate time to ask questions about their particular job activities and how they could best conduct these activities.

Print Name Here

Signature Here

Jon Visser
Brent Vander Ploeg
Mike Thornton
Joe Berman
Jeff Freeman
Joe Morse
JONAH GRAHAM
Mitchell Morse

Jon Visser
Brent Vander Ploeg
Mike Thornton
Joe Berman
Jeff Freeman
Joe Morse
JONAH GRAHAM
Mitchell Morse

Joe Bush



From: Rod Weersing <rweersing@georgetown-mi.gov>
Sent: Friday, February 12, 2021 8:50 AM
To: Joe Bush
Subject: MS4 Questions

Joe,

Good morning. I hope that all is well with you.

I am working on my 2020 Progress Report for our MS4 Permit. I am wondering if you someone in your office would be able to help me answer the following questions:

Explain the enforcement activities of your comprehensive storm water management program for post-construction controls completed during this reporting period:

How many developments were approved with storm water controls according to PCC?

All

Have any long-term operation and maintenance agreements been signed?

Several

How many inspections or enforcement/compliance of O&M agreements were conducted?

Explain how the Post Construction Controls have addressed other issues, such as protecting sensitive areas, directing growth to identified areas, encouraging infill development in higher density urban areas and areas with existing infrastructure, and/or maintaining or increase open spaces:

Best regards,

Rod

Roderick J. Weersing | Assistant Superintendent



1515 Baldwin St. P.O. Box 769
Jenison, MI 49429-0769
(616) 226-6002