City of Hart, Michigan
CITY COUNCIL AGENDA
March 28, 2023, 7:30 PM
407 State St. – Council Chamber
NOTICE OF PUBLIC MEETING
REGULAR COUNCIL MEETING

1. Call to Order
2. Roll Call – Adams, Burillo, Evans, Hodges, Klotz, Trygstad, Platt
3. Pledge of Allegiance
4. Approval of Agenda
5. Public Comments – **Public comment on any matter that is not included on the agenda for a public hearing by the Council. We ask that you please limit your comments to 3 minutes**
    a. Correspondence, Events, Presentations
        i. Hart Energy System Study – Final Report for review prior to April 11 presentation
6. Consent Agenda:
    a. Approval of Minutes from March 14, 2023 Council meeting.
    b. Bills, Claims, Payroll
    c. Reports of Boards, Commissions, and Committees
    d. Department Reports – Police/BioPure/Public Works/Energy/C&E Dvlp.
7. Action Items
8. Discussion Items
    a. Fiscal Year 2024 Budget Calendar Review
    b. City Hall & Community Center Security
    c. Review Sewer and Water Grant and Roadway condition assessment
    d. Hilltop drive city owned lakefront property – current/future state
    e. Special Event Permit – Zumba Class at John Gurney Park
9. City Manager Report
10. Communications from the Mayor and Council (Including board and committee updates.)
11. Adjournment –

Access is provided through the Michigan Relay Service for individuals with speech or hearing impairments. *https://hamiltonrelay.com/michigan/index.html*

With advance notice of seven calendar days, the City will provide interpreter services at all public meetings, including language translation and signage for the hearing impaired. Call 231-873-2488. La Ciudad proporcionará servicio de intérprete para esta reunión pública si se pide con siete días de anticipación, lo cual incluye la traducción de idioma y letreros para los con una discapacidad auditiva. Llame al 231-873-2488.

Payables Date 3.28.2023	Description	Total	General +	DPW	Energy	BPTF	Water
Anderson, Shawn	Refund of SS/Medi over-deduction	$ 93.32	$ 93.32				
Birkman, Terry	Refund of SS/Medi over-deduction	$ 11.71			$ 11.71		
Blue Cross/Blue Shield - Medicare	April Ins Prem	$ 2,125.08	$ 1,416.72		$ 708.36		
Brickley DeLong	W2 Corrections Assistance	$ 1,990.00	$ 497.50	$ 497.50	$ 497.50	$ 497.50	
Brott, Tina	Deposit Refund	$ 151.98			$ 151.98		
Charter Communications	Hart Commons Internet	$ 114.99			$ 114.99		
DuBois Tree & Ld Mgmt	Tree Work	$ 2,585.50			$ 2,585.50		
Eisenlohr, Denise	Refund of SS/Medi over-deduction	$ 12.40	$ 12.40				
Eisenlohr, Mike	Refund of SS/Medi over-deduction	$ 288.19		$ 288.19			
First Net	Police Modems	$ 88.46	$ 88.46				
Freed Mgmt	10% of Contract Fee	$ 5,950.00	$ 5,950.00				
Hallack Contracting	Force Main Replacement	$ 616,077.50				$ 616,077.50	
Hodges, Dean	BOR March 2023	$ 100.00	$ 100.00				
Huntington	Credit Card Stmt 2.27.2023	$ 8,986.64	$ 3,006.29	$ 2,852.50	$ 2,009.43	$ 1,118.42	
Ingalls, Joe	Refund of SS/Medi over-deduction	$ 174.03	$ 174.03				
Kendall Electric	Parts/Supplies	$ 29.36					$ 29.36
Kies, Chris	Reimburse Amended Income Tax Filing	$ 165.00	$ 165.00				
Kies, Chris	Refund of SS/Medi over-deduction	$ 195.51				$ 195.51	
Larson, Travis	BOR March 2023	$ 100.00	$ 100.00				
LEAF	Police Copier Lease Fee	$ 39.00	$ 39.00				
Linde	Cylinder Rental	$ 75.46		$ 75.46			
Linde	Cylinder Rental	$ 96.62			$ 96.62		
Lloyd, Frank	Refund of SS/Medi over-deduction	$ 243.18				$ 243.18	
Maner Costerisan	COA Conversion to date	$ 350.00	$ 350.00				
McKenna	Planning Services	$ 2,162.50	$ 2,162.50				
Morris, Matthew	Deposit Refund	$ 48.43			$ 48.43		
MPPA	Purchased Power	$ 46,846.60			$ 46,846.60		
MPPA	Purchased Power	$ 18,352.78			$ 18,352.78		
MRWA	Training - Eisenlohr, Mike	$ 165.00					$ 165.00
Oceana County Equalization	Assessing Svcs M-A-M 2023	$ 8,675.00	$ 8,675.00				
Platt, Vicki	BOR March 2023	$ 100.00	$ 100.00				
Power Line Supply	Parts/Supplies	$ 535.00			$ 535.00		
Power Line Supply	Parts/Supplies	$ 191.80			$ 191.80		
Power Line Supply	Parts/Supplies	$ 61.47			$ 61.47		
Power Line Supply	Parts/Supplies	$ 360.00			$ 360.00		
Pranger Property Mgmt	CH/CC cleaning services	$ 168.00	$ 168.00				
Pyrotecnico	NAF Fireworks Deposit	$ 2,500.00	$ 2,500.00				
Salazar, Juan	Refund of SS/Medi over-deduction	$ 143.03	$ 143.03				
Schiller, Mike	Refund of SS/Medi over-deduction	$ 278.53			$ 278.53		
Schmieding, Kevin	Refund of SS/Medi over-deduction	$ 178.47			$ 178.47		
Schoedel, Liz	Refund of SS/Medi over-deduction	$ 81.34	$ 81.34				
Skipski, Kevin	Refund of SS/Medi over-deduction	$ 132.07	$ 132.07				
Splane, Rob	Refund of SS/Medi over-deduction	$ 306.27	$ 306.27				
Star, Jewell	Deposit Refund	$ 132.53			$ 132.53		
Steve's Auto & Truck	2022 Ford - Clean brakes	$ 78.50	$ 78.50				
Swihart, Karla	Reimburse Direct Deposit Failure	$ 150.00	$ 150.00				
Tanner Plumbing & Heating	Heating Parts	$ 191.10			$ 191.10		
Think Smart Co.	Energy Optimization	$ 864.00			$ 864.00		
Trace Analytical	Water Testing	$ 65.00				$ 65.00	
VanAgtmael, Scott	Refund of SS/Medi over-deduction	$ 142.11			$ 142.11		
VRC	City Hall Recycling	$ 55.32	$ 55.32				
West Lake Homes, Inc.	Deposit Refund	$ 150.33			$ 150.33		
Whitney, Devin	Refund of SS/Medi over-deduction	$ 83.13			$ 83.13		
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
		$ -					
	Sub-total	$ 723,242.24	$ 26,544.75	$ 3,713.65	$ 74,592.37	$ 618,197.11	$ 194.36
HAND CHECKS/ACH/EFT							

--OVER--

Payables Date 3.28.2023	Description	Total	General +	DPW	Energy	BPTF	Water
Alerus	City Share 401 Retirement - PR 172	$ -					
US Postmaster	Postage	$ 485.30			$ 315.45	$ 145.59	$ 24.26
AFLAC	Insurance Premium	$ -					
Guardian	Insurance Premium	$ 1,431.55	$ 1,431.55				
Delta Dental	Insurance Premium	$ 1,768.60	$ 1,768.60				
United Group	Insurance Premium	$ -					
Blue Cross Blue Shield	Insurance Premium	$ 15,557.48	$ 15,557.48				
	TOTAL HAND CHECKS	**$ 19,242.93**	**$ 18,757.63**	**$ -**	**$ 315.45**	**$ 145.59**	**$ 24.26**
	Sub-Total Regular Bills/Hand Checks	***$ 742,485.17***	***$ 45,302.38***	***$ 3,713.65***	***$ 74,907.82***	***$ 618,342.70***	***$ 218.62***
Gross Payroll	PR 172						
	Sub-Total	$ -					
	GRAND TOTAL	***$ 742,485.17***	**$ 45,302.38**	**$ 3,713.65**	**$ 74,907.82**	**$ 618,342.70**	**$ 218.62**

--OVER--

HART AREA FIRE

ADMINISTRATIVE BOARD

Meeting Minutes- February 23, 2023

The Hart Area Fire Administrative Board Meeting was called to order by Vice Chairman Jay McGhan at 7:00PM. Others present for the meeting were, Mike Powers, Dale Stevenson, Jake Whelpley, Larry Doran, Chief Fuehring and undersigned.

Absent from the meeting was Mike Potter, Jerry Schaner, Gary Beggs and John Williams.

Motion was made by Doran and supported by Whelpley to approve the agenda with the addition of 2023/2024 Budget to the agenda added to the agenda. Voice Vote, all Yes. Motion carried.

Motion was made by Powers and supported by Doran to approve the minutes of the January 29, 2023 meeting as presented. Voice Vote, All Yes. Motion Carried.

Treasurer advised that we had total bills for the month of $14,755.32. The bills covered the service on all the trucks except 161, the tanker. The bill will be at a later date due to some parts that needed to be ordered. The total fund balance at this time is $641,450.77. Motion was made by Whelpley and supported by Powers to accept the Treasurers report and to pay the bills. Roll Call vote. All Yes. Motion Carried.

A budget amendment was requested to add $1,000.00 to the Truck Maintenance expense which will make the new amount at $13,000.00. The $1,000.00 will come from Equipment Testing which will make the new amount for that line item $$7,000.00. Motion was made by Powers and supported by Doran to make the requested budget amendment. Roll Call Vote. All Yes. Motion Carried.

Chief advised he had received a letter from the ISO and our rating for the department remained at a 5. Which is about as high a rating as a rural fire department could get.

Chief met with the City Manager, Brad and Emergency Manager to talk with them about the Hydrants. Brad will provide the department that will show all the hydrants and which ones are on a main to help the department to know which ones to hook up to. They are going to put a reflective disc on the hydrants that are out of service. It is a work in progress with some training and what they city would like the department to do reference the hydrants.

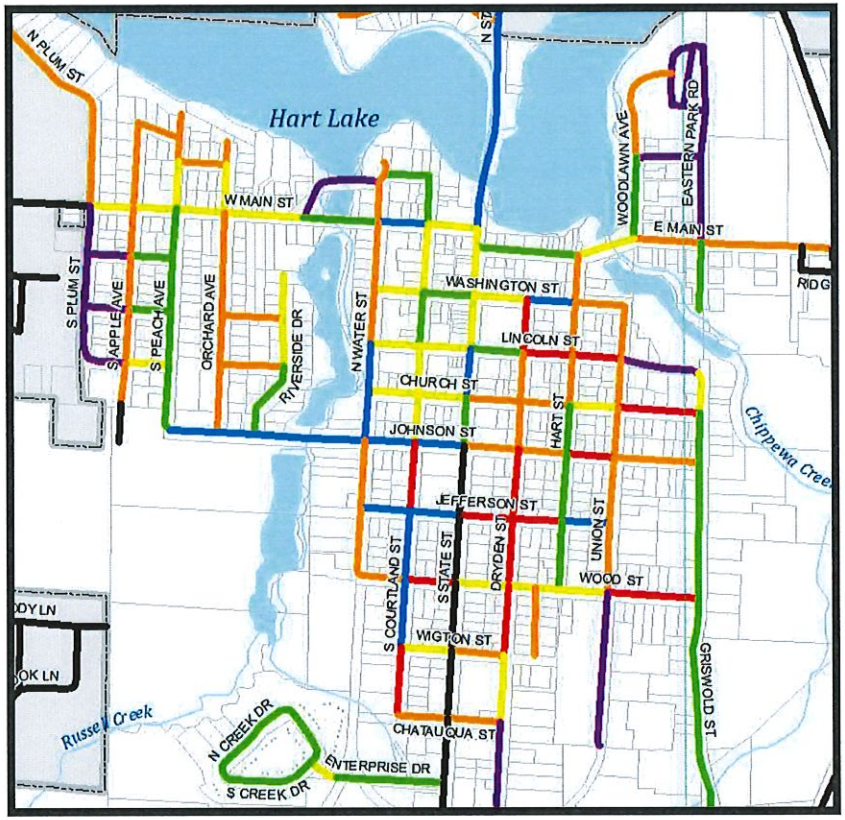
There was no Old Business

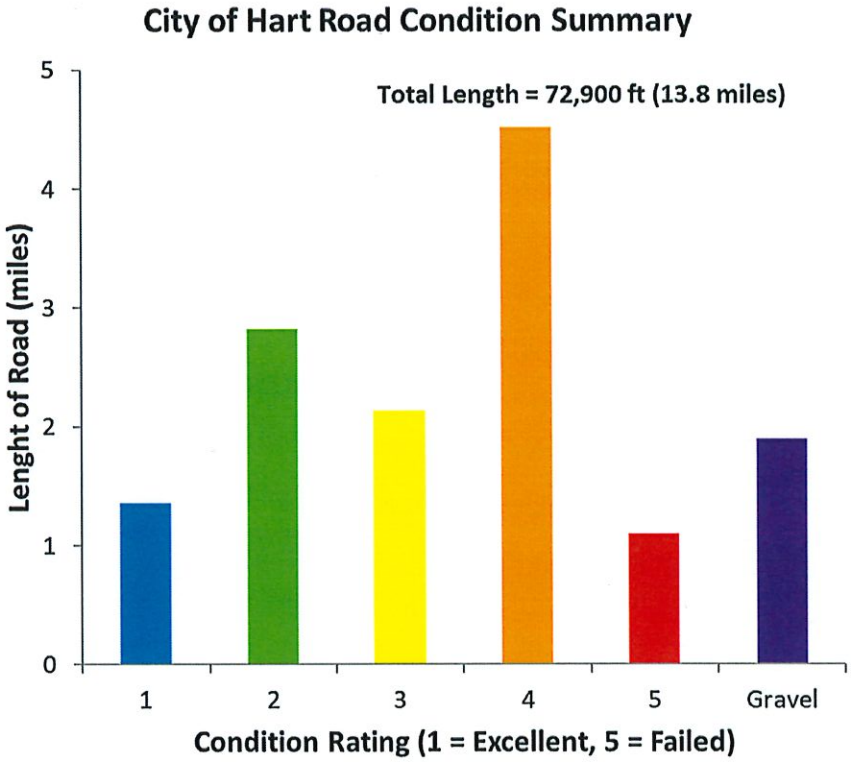
The 2023/2024 purposed budget was handed out and was requested to be approved. The capital Improvement line items was listed as, the water line to be repaired, complete the blacktop in the from along with the removal of the curb in the front of the building. Motion was made by Whelpley and

City of Hart FY2024 Budget Calendar

DATE (S)	ACTIVITY
Fourth Week in March	Distribute Budget Calendar.
Fourth Week in March	FY 2024 CIP planning conducted by each department.
By March 31	Department objectives and proposed budgets are submitted from each Department to City Manager.
April 11	Finance / Personnel committee meeting to review progress of current year budget and discuss priorities for upcoming budget.
April 25	Finance / Personnel committee meeting to review revenue projections and expenditure proposals.
May 9	Council review budget proposal and discuss key issues and finalize budgetary decisions.
May 23	City Council Public Budget Hearing to present budget message and proposed FY 2024 budget. (First reading of proposed budget.)
June 13	Second reading and adoption of proposed FY 2024 budget.
End of June	Post and publish council adopted budget ordinance.

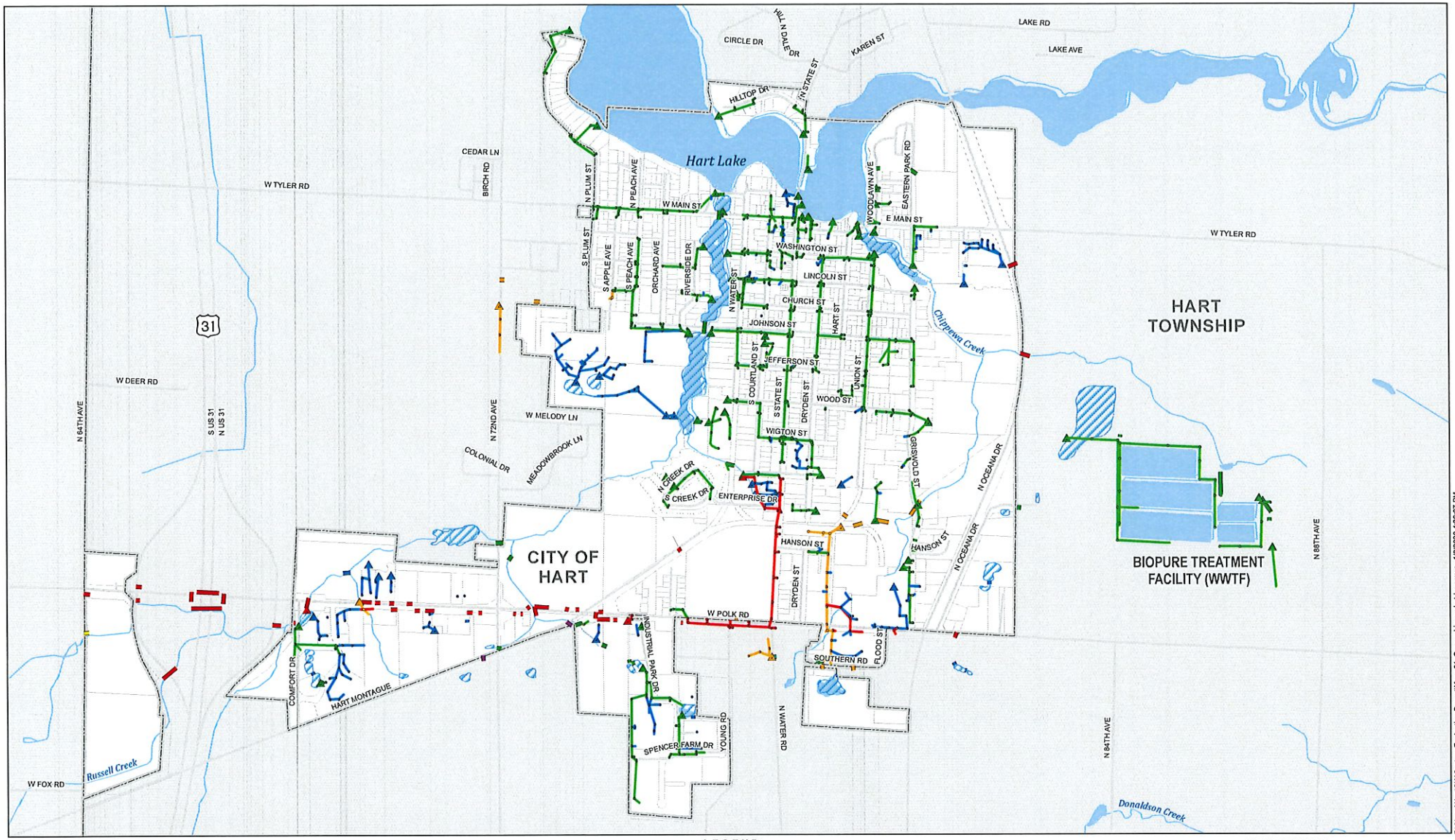
CITY OF HART ROADWAY CONDITION ASSESSMENT





HART

Prein&Newhof



LEGEND

Manhole Ownership
- City of Hart
- Oceana County
- MDOT
- Private

Catch Basin Ownership
- City of Hart
- Oceana County
- MDOT
- Private

Outfall Ownership
- City of Hart
- Oceana County
- MDOT
- Private

Gravity Main Ownership
- City of Hart
- Oceana County
- MDOT
- Private

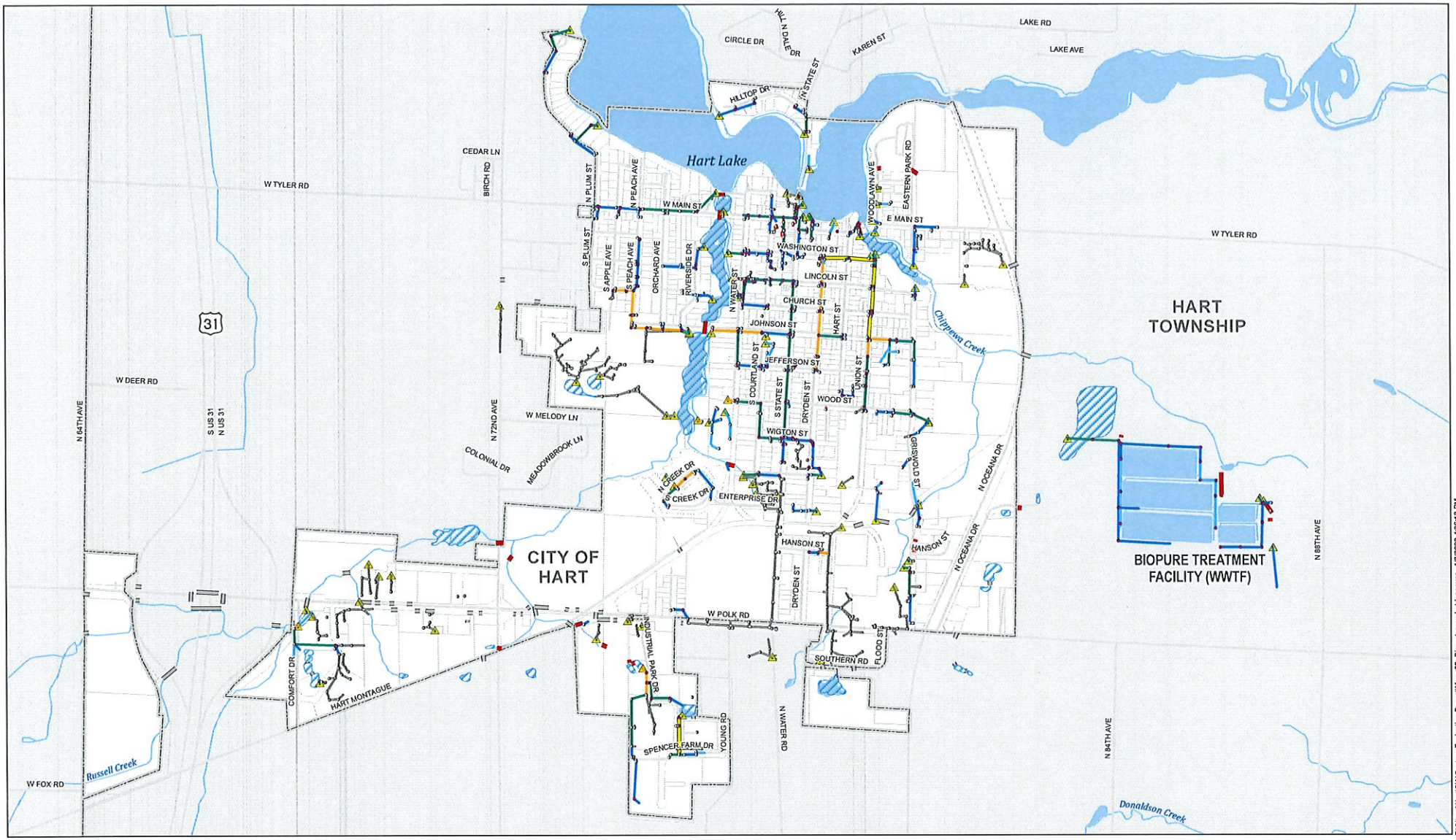
Culvert Ownership
- City of Hart
- Oceana County
- MDOT
- Private
- DNR
- Mears
- Hart Township

Pond

500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI
STORMWATER COLLECTION SYSTEM
MAP 1: OWNERSHIP
DECEMBER 2019
Prein&Newhof
2130300

F:\City of Hart\SW System Evaluation Report\Map_01_Ownership.mxd - tdenoyer - 1/3/2020 4:36:07 PM



LEGEND

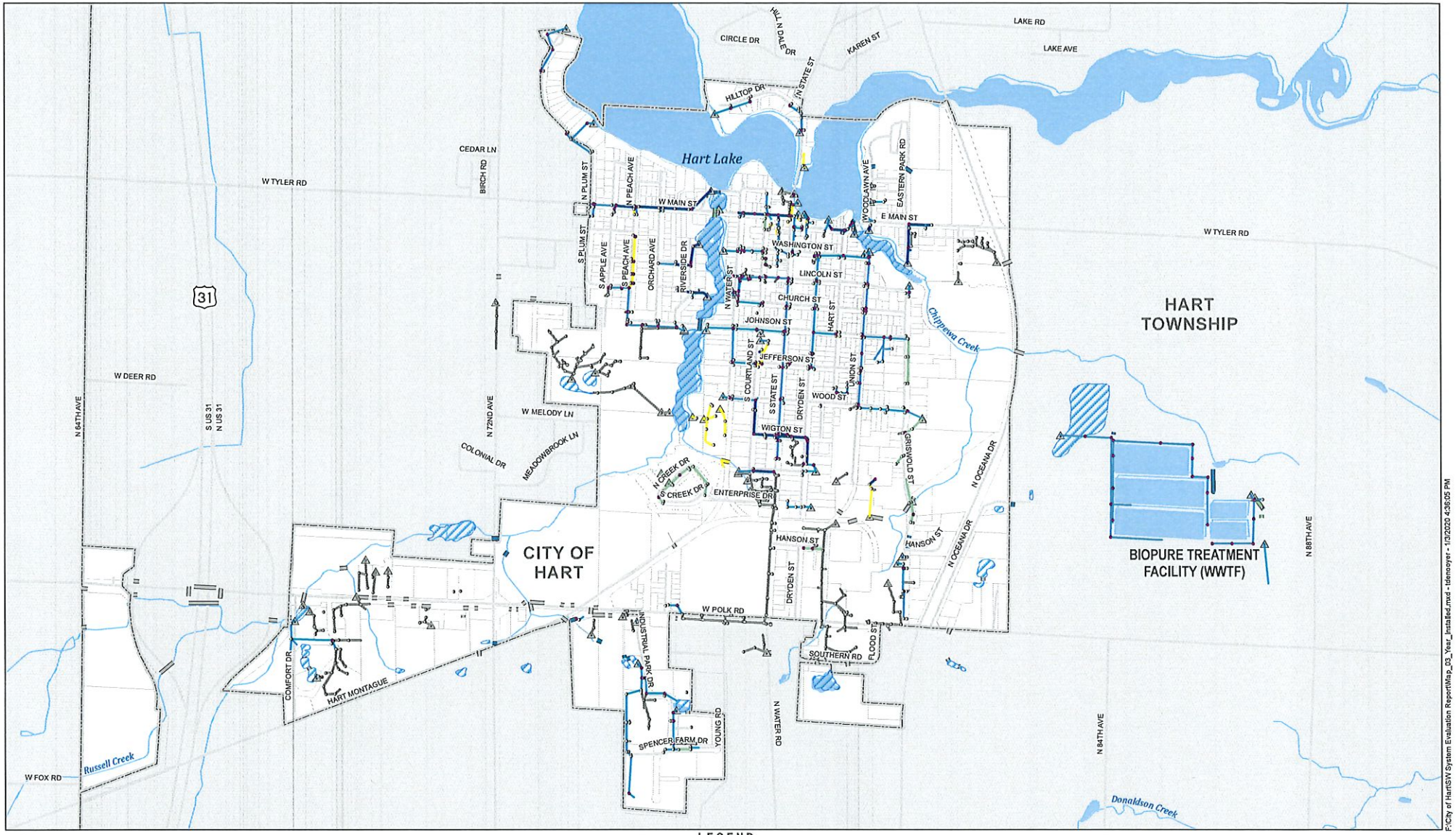
Gravity Sewer Diameter
- 4" or Smaller
- 6" - 8"
- 10" - 12"
- 15" - 18"
- 21" - 24"
- 30" - 35"
- 36" - 42"

- Culvert
- Storm Manhole
- Catch Basin
- Outfall
- Pond
- Gravity Sewer Owned by Others
- Culvert Owned by Others
- Manhole Owned by Others
- Catch Basin Owned by Others

500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI
STORMWATER COLLECTION SYSTEM
MAP 2: PIPE DIAMETERS
DECEMBER 2019
Prein&Newhof
2130300

F:\City of Hart\SW System Evaluation Report\Map_02_Diameter.mxd - tdenooyer - 1/3/2020 4:38:13 PM



LEGEND

Gravity Sewer Install Year
- 1940s and 1950s
- 1960s and 1970s
- 1980s and 1990s
- 2000s
- 2010s

Culvert Install Year
- 1960s and 1970s
- 1980s and 1990s
- 2000s
- 2010s

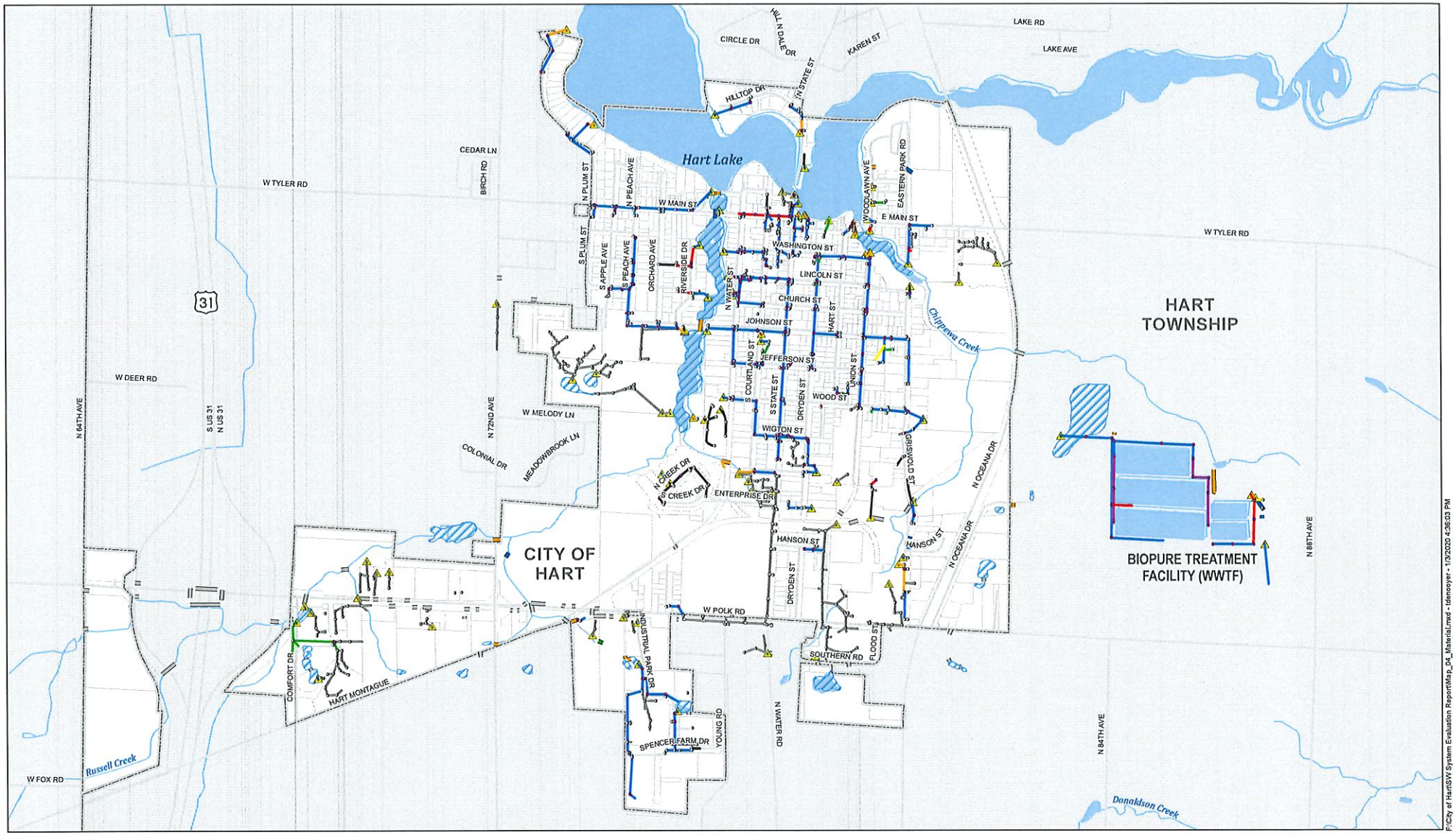
- Storm Manhole
- Catch Basin
- Outfall
- Pond
- Gravity Sewer Owned by Others
- Culvert Owned by Others
- Manhole Owned by Others
- Catch Basin Owned by Others

N

500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI
STORMWATER COLLECTION SYSTEM
MAP 3: INSTALLATION YEAR
DECEMBER 2019
Prein&Newhof
2130300

F:\City of Hart\SW System Evaluation Report\Map_03_Year_Installed.mxd - tdenooyer - 1/3/2020 4:36:05 PM



LEGEND

Gravity Sewer Material
- Concrete
- High Density Polyethylene
- Polyvinyl Chloride
- Clay
- Corrugated Metal
- Cast Iron
- Ductile Iron
- Not Known

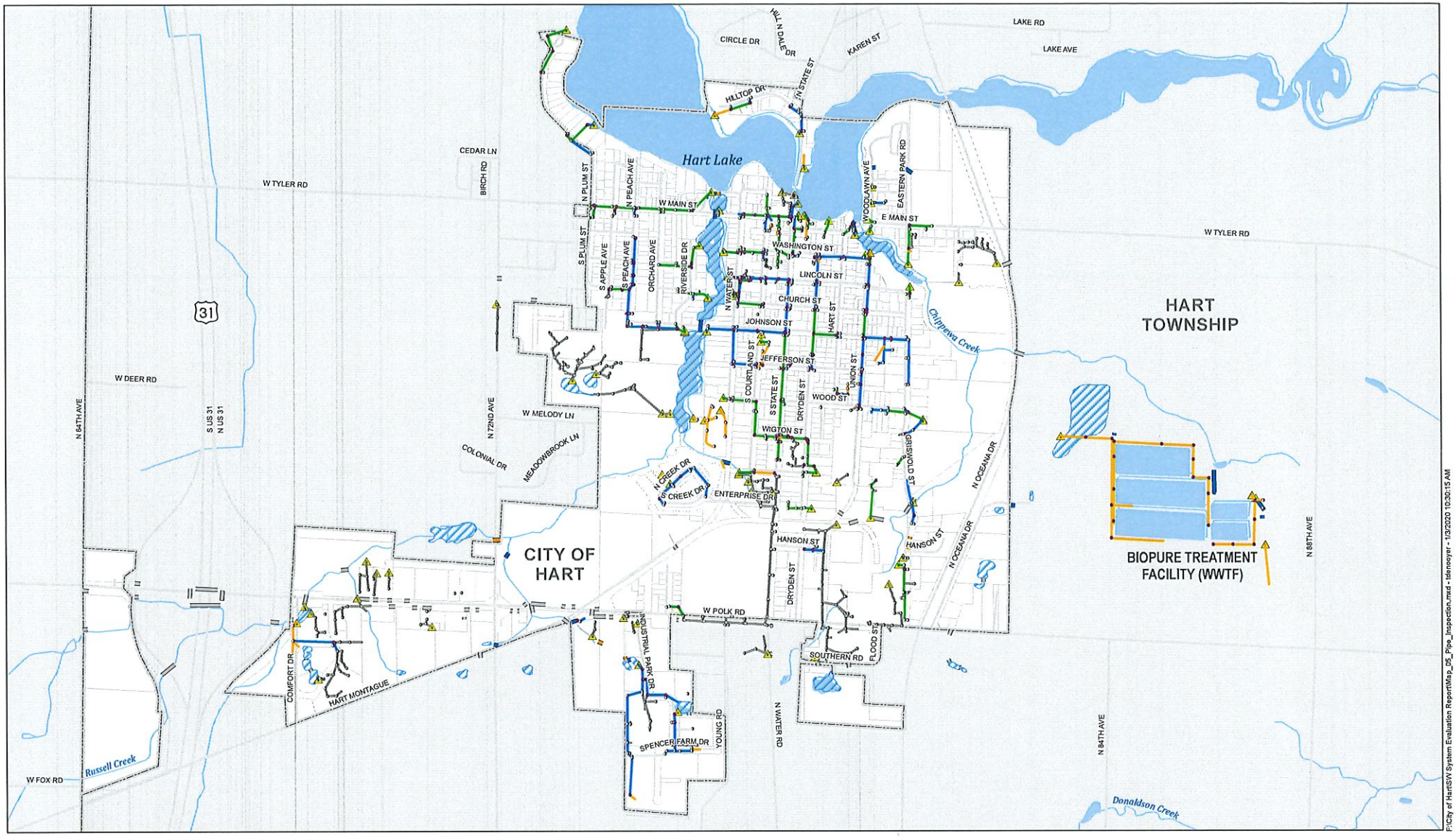
Culvert Material
- Concrete
- Corrugated Metal
- Polyvinyl Chloride

- Storm Manhole
- Catch Basin
- Outfall
- Pond
- Gravity Sewer Owned by Others
- Culvert Owned by Others
- Manhole Owned by Others
- Catch Basin Owned by Others

500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI
STORMWATER COLLECTION SYSTEM
MAP 4: PIPE MATERIAL
DECEMBER 2019
Prein&Newhof
2130390

F:\City of Hart\SW System Evaluation Report\Map_04_MaterialLmxd - tdenooyer - 1/3/2020 4:36:03 PM



P:\City of Hart\SW System Evaluation Report\Map_05_Pipe_Inspection.mxd • tdenooyer • 1/3/2020 10:30:15 AM

N

500 250 0 500 1,000 Feet

LEGEND

Gravity Sewer Inspection Method
- PACP
- Zoom Camera
- Inferred

Culvert Inspection Method
- Zoom Camera
- Inferred

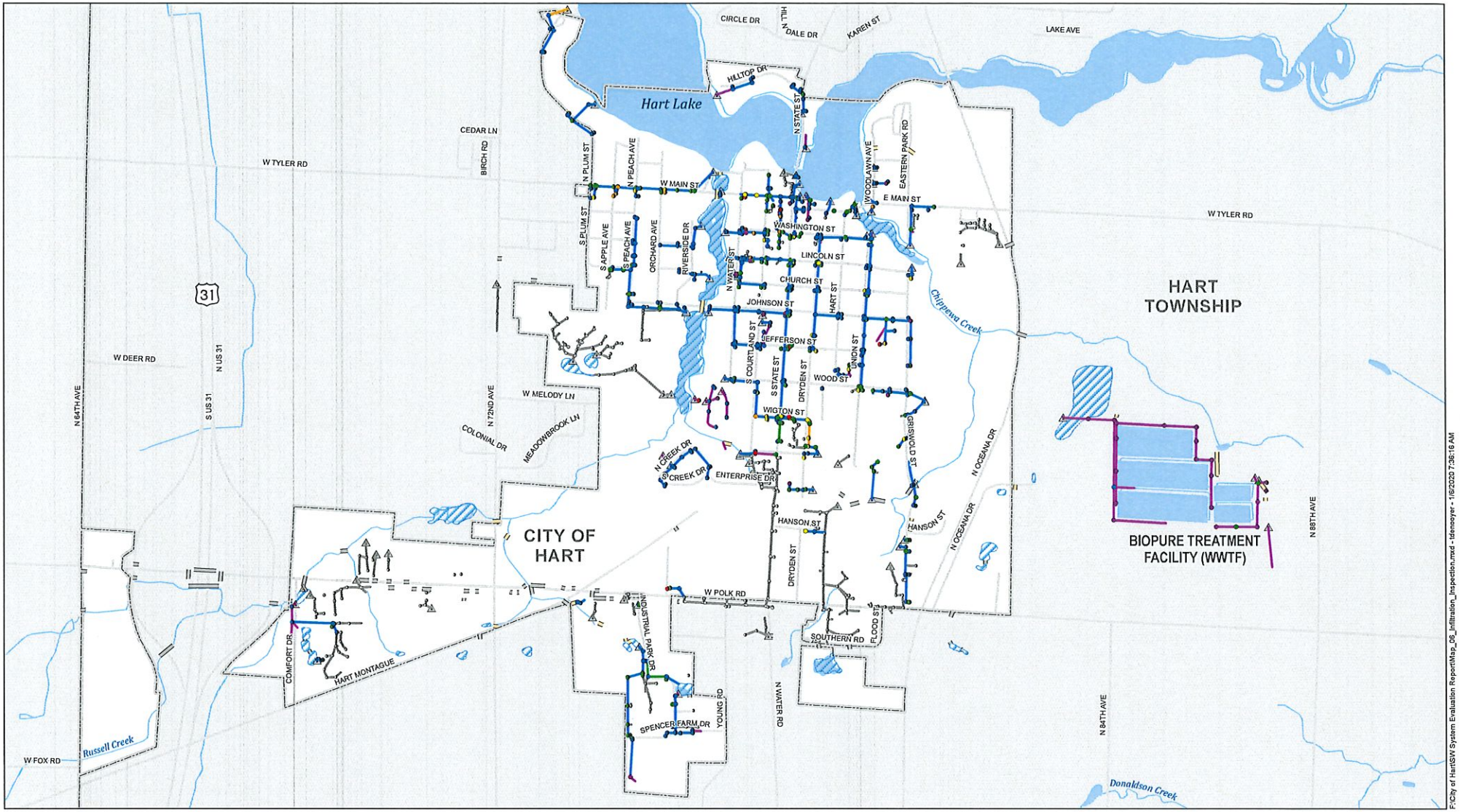
- Storm Manhole
- Catch Basin
- Outfall
- Pond
- Gravity Sewer Owned by Others
- Culvert Owned by Others
- Manhole Owned by Others
- Catch Basin Owned by Others

CITY OF HART
OCEANA COUNTY, MI
STORMWATER COLLECTION SYSTEM

MAP 5: PIPE INSPECTION METHOD

DECEMBER 2019

Prein&Newhof
2130300



F:\City of Hart\SW System Evaluation Report\Map_06_Infiltration_Inspection.mxd - ldenseyer - 1/6/2020 7:36:16 AM

LEGEND

Gravity Sewer Infiltration Observations
- 1 - No Infiltration Observed
- 2
- 3
- 4
- 5 - Heavy Infiltration Observed
- No Data

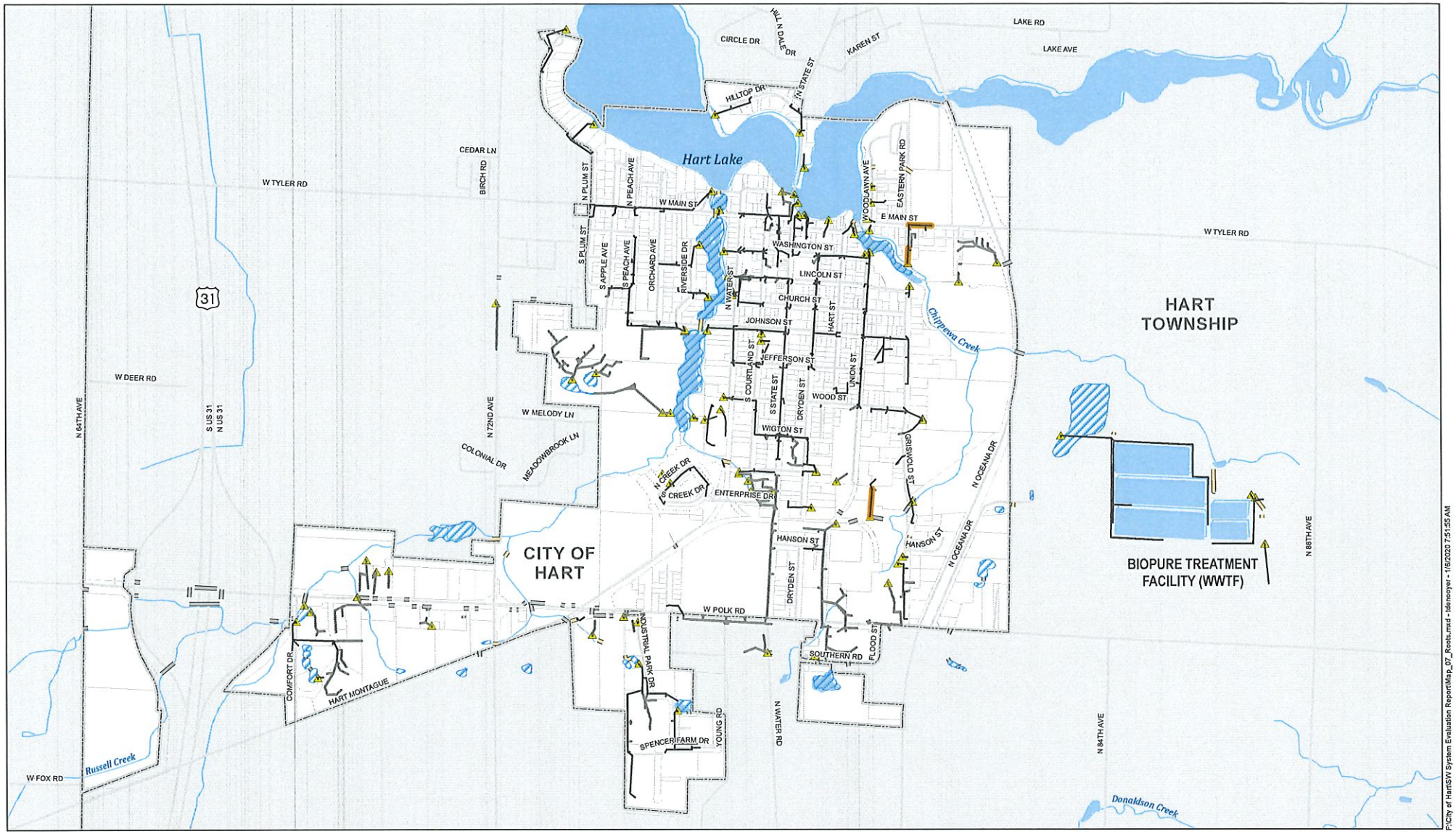
Manhole Infiltration Observations
- 1 - No Infiltration Observed
- 2
- 3
- 4
- 5 - Heavy Infiltration Observed
- No Data

Catch Basin Infiltration Observations
- 1-Good
- 2-Moderate
- 3-Fair
- 4-Poor
- 5-Failed
- No Data

- Culvert
- Pond
- Outfall
- Gravity Sewer Owned by Others
- Culvert Owned by Others
- Manhole Owned by Others
- Catch Basin Owned by Others

500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI
STORMWATER COLLECTION SYSTEM
MAP 6: INFILTRATION OBSERVATIONS
DECEMBER 2019
Prein&Newhof
2130300

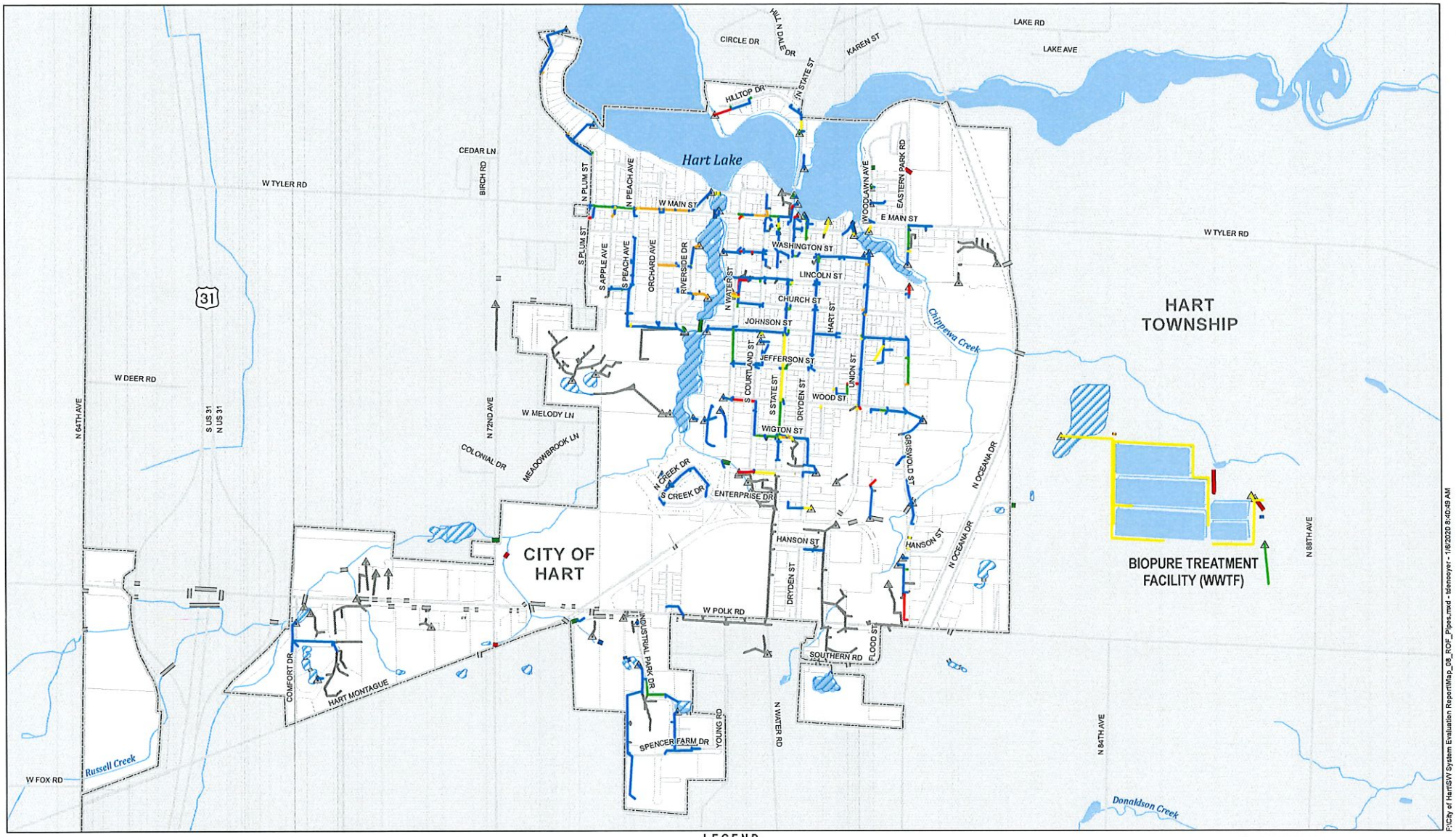


LEGEND

- Roots
- Gravity Sewer
- Culvert
- Pond
- Outfall
- Gravity Sewer Owned by Others
- Culvert Owned by Others

500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI
STORMWATER COLLECTION SYSTEM
MAP 7: ROOTS
DECEMBER 2019
Prein&Newhof
2130300



LEGEND

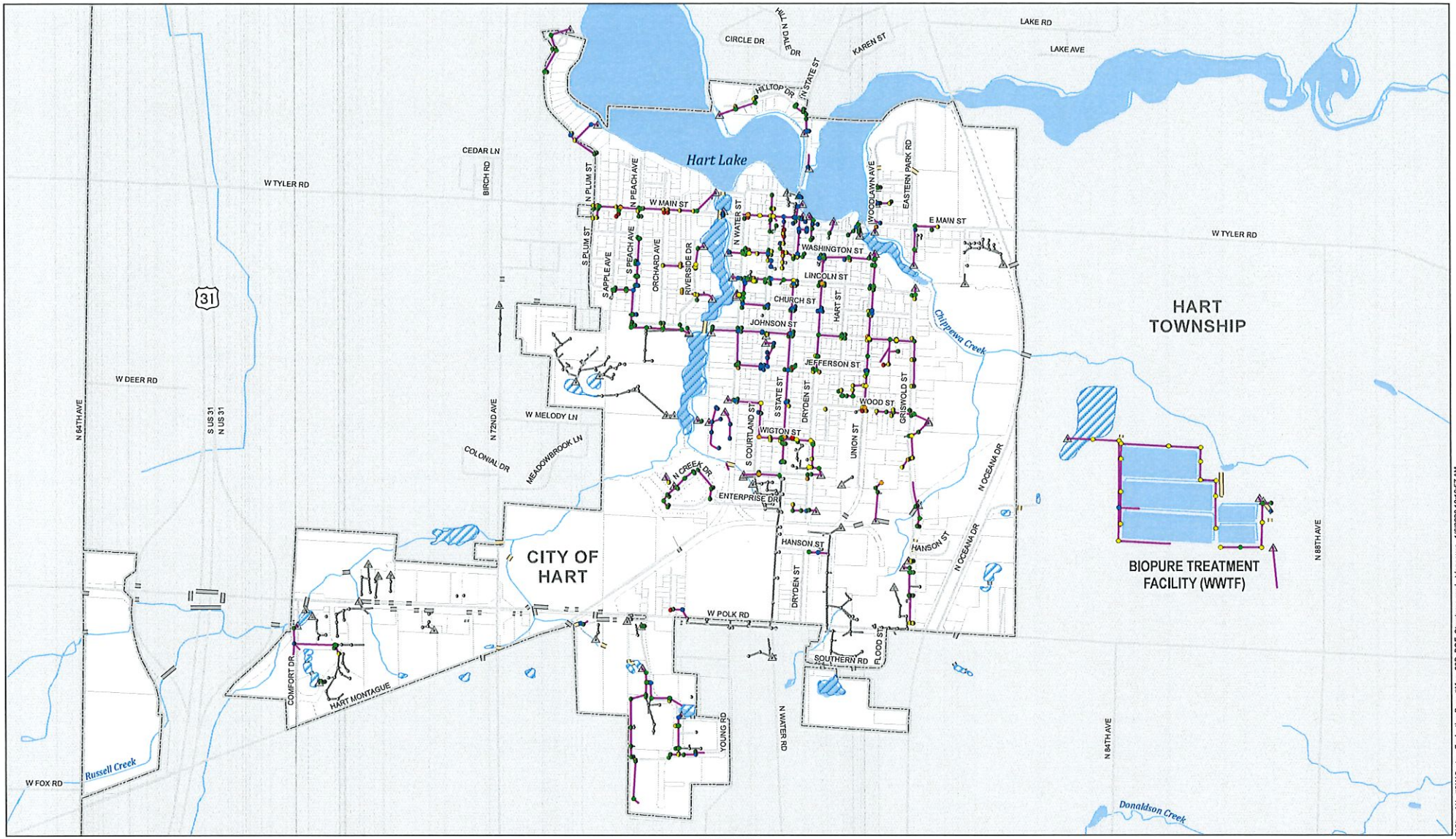
Gravity Sewer Risk of Failure	Culvert Risk of Failure
1 - Lowest Risk of Failure	1 - Lowest Risk of Failure
2	2
3	3
4	4
5 - Highest Risk of Failure	5 - Highest Risk of Failure

- Outfall
- Pond
- Gravity Sewer Owned by Others
- Culvert Owned by Others

500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI
STORMWATER COLLECTION SYSTEM
MAP 8A: RISK OF FAILURE - PIPES
DECEMBER 2019
Prein&Newhof
2130300

F:\City of Hart\SW System Evaluation Report\Map_08_ROF_Pipes.mxd - ldenoyer - 1/6/2020 8:40:49 AM



LEGEND

Manhole Risk of Failure
- 1 - Lowest Risk of Failure
- 2
- 3
- 4
- 5 - Highest Risk of Failure

Catch Basin Risk of Failure
- 1 - Lowest Risk of Failure
- 2
- 3
- 4
- 5 - Highest Risk of Failure

- Gravity Main
- Outfall
- Pond
- Gravity Sewer Owned by Others
- Culvert Owned by Others

500 250 0 500 1,000 Feet

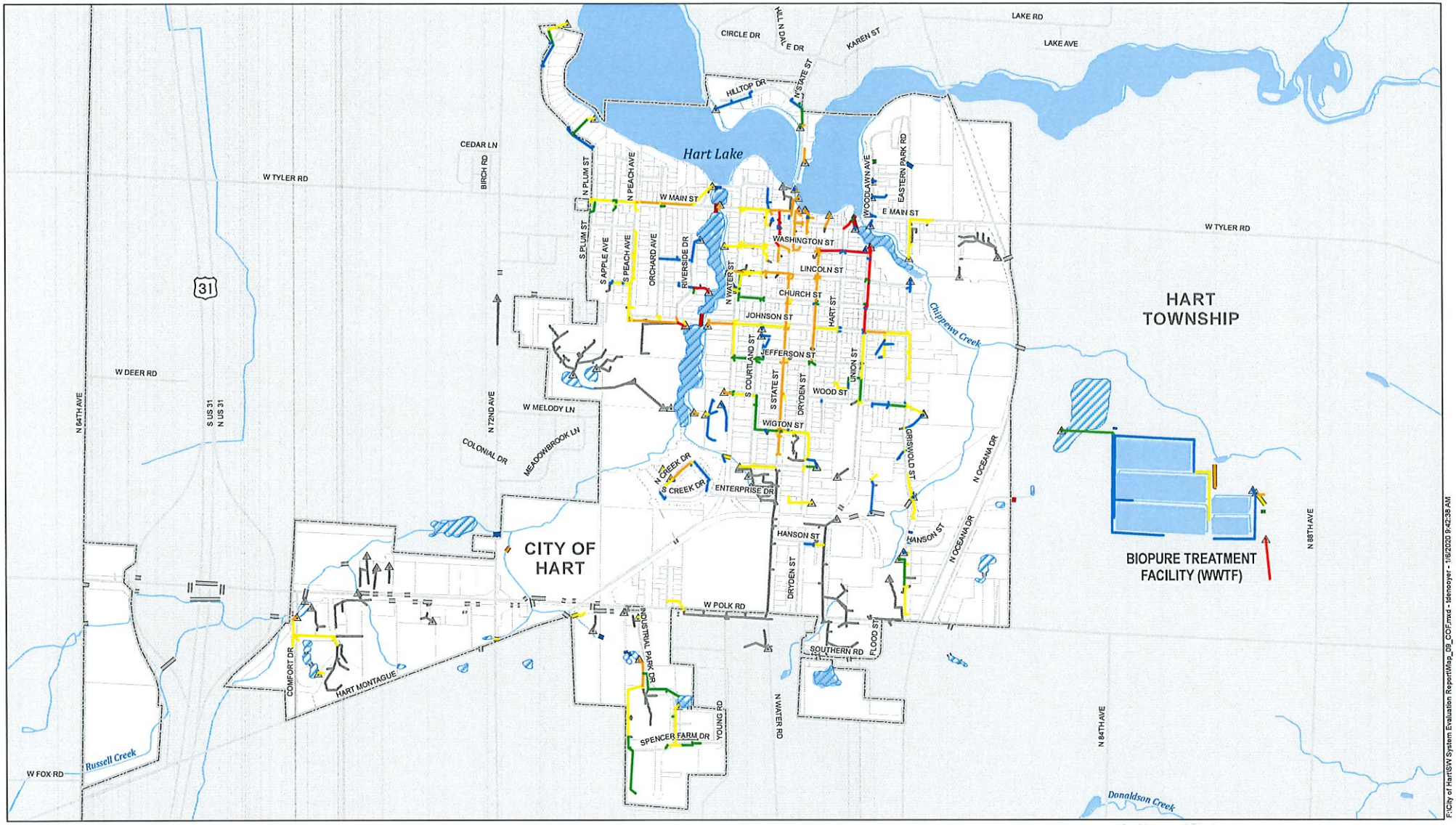
CITY OF HART
OCEANA COUNTY, MI
STORMWATER COLLECTION SYSTEM

MAP 8B: RISK OF FAILURE - STRUCTURES

DECEMBER 2019

Prein&Newhof
2130300

P:\City of Hart\SW System Evaluation Report\Map_8B_ROF_Structures.mxd - tdeneyer - 1/6/2020 10:15:57 AM



F:\City of Hart\SW System Evaluation Report\Map_09_COF.mxd - ldenoyer - 1/6/2020 9:42:38 AM

LEGEND

Gravity Sewer Consequence of Failure
- 1 - Lowest Consequence of Failure
- 2
- 3
- 4
- 5 - Highest Consequence of Failure

Culvert Consequence of Failure
- 1 - Lowest Consequence of Failure
- 2
- 3
- 4
- 5 - Highest Consequence of Failure

- Outfall
- Pond
- Gravity Sewer Owned by Others
- Culvert Owned by Others

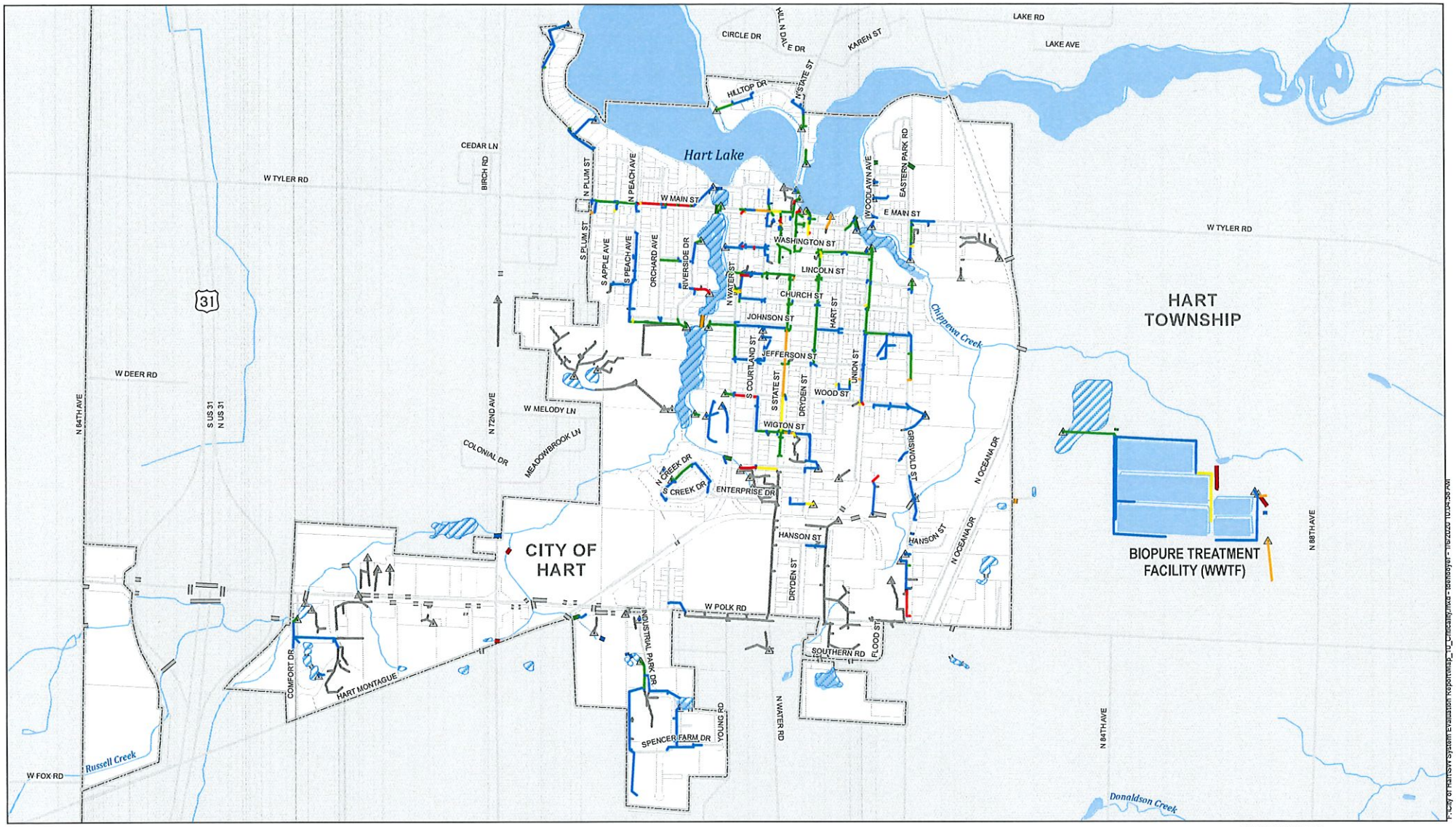
500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI
STORMWATER COLLECTION SYSTEM

MAP 9: CONSEQUENCE OF FAILURE

DECEMBER 2019

Prein&Newhof
2130300



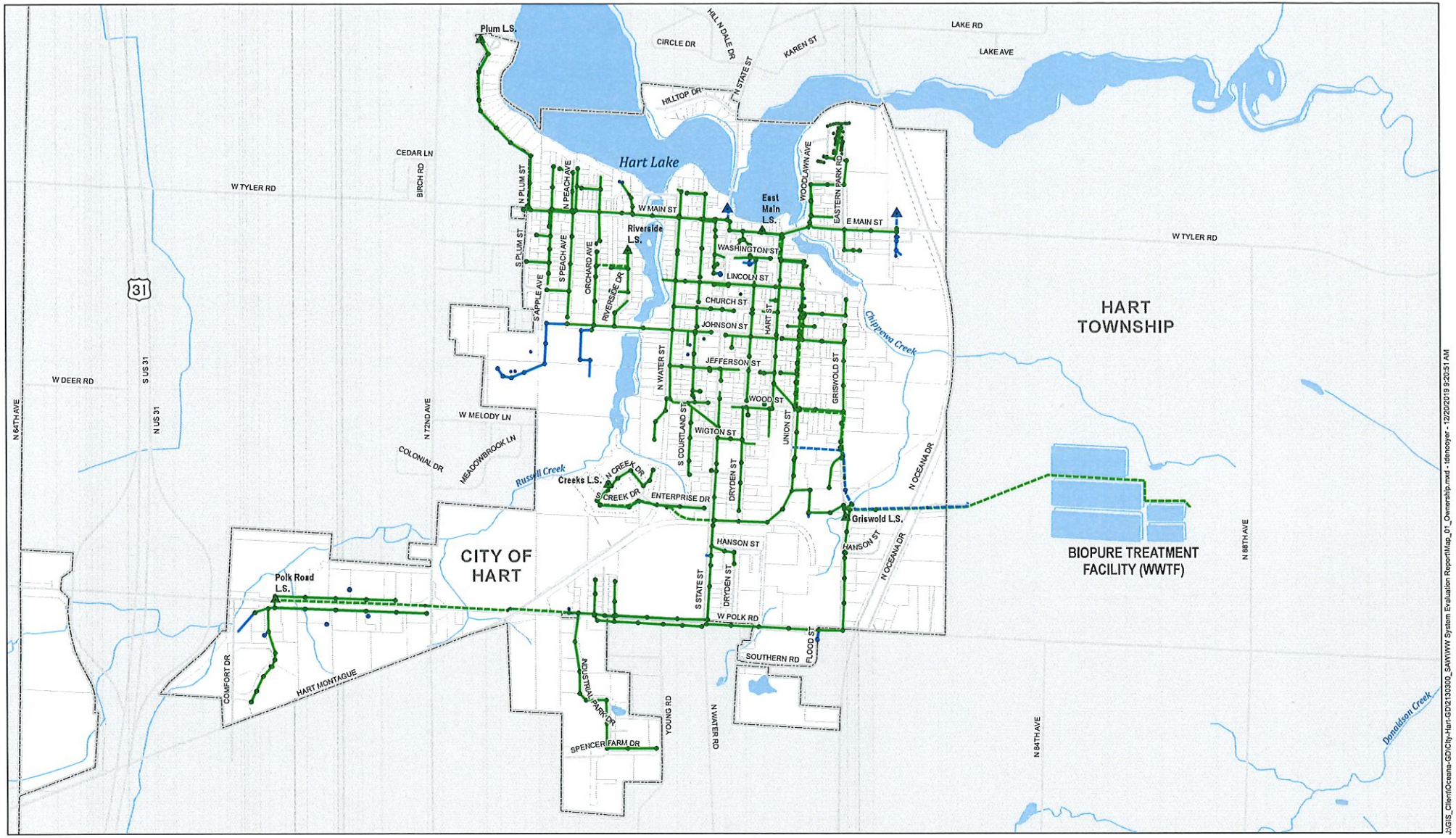
LEGEND

Gravity Sewer Criticality	Culvert Criticality
Least Critical	Least Critical
Most Critical	Most Critical

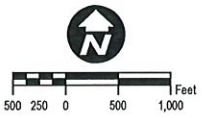
Outfall
Pond
Gravity Sewer Owned by Others
Culvert Owned by Others

500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI
STORMWATER COLLECTION SYSTEM
MAP 10: CRITICALITY
DECEMBER 2019
Prein&Newhof
2130300



J:\GIS_Client\Oceana-GD\City-Hart-GD2130300_SAWWW System Evaluation Report\Map_01_Ownership.mxd - tdenooyer - 12/20/2019 9:20:51 AM



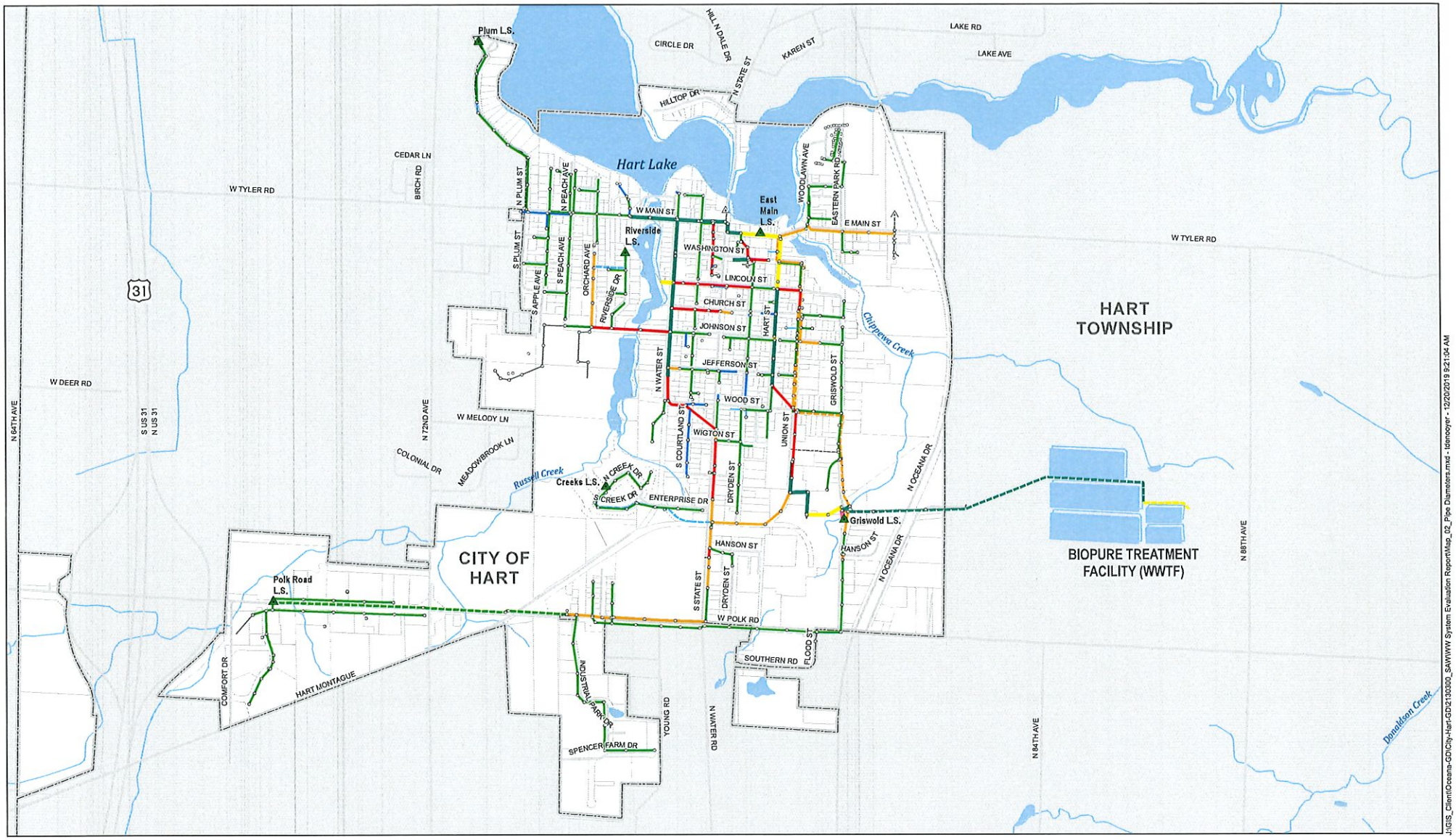
LEGEND

Lift Station Ownership	Cleanout Ownership	Manhole Ownership	Gravity Sewer Ownership	Force Main Ownership
City of Hart	City of Hart	City of Hart	City of Hart	City of Hart
Private	Private	Private	Private	Private

CITY OF HART
OCEANA COUNTY, MI

MAP 1: OWNERSHIP

Prein&Newhof
2130300



LEGEND

Gravity Sewer Diameter
- 4"
- 6"
- 8"
- 10"
- 12"
- 15"
- 18"
- 24"

Force Main Diameter
- 4" and Less
- 8"
- 10"
- 14"
- 16"

- City Lift Station
- Private Lift Station
- Private Gravity Sewer
- Private Force Main

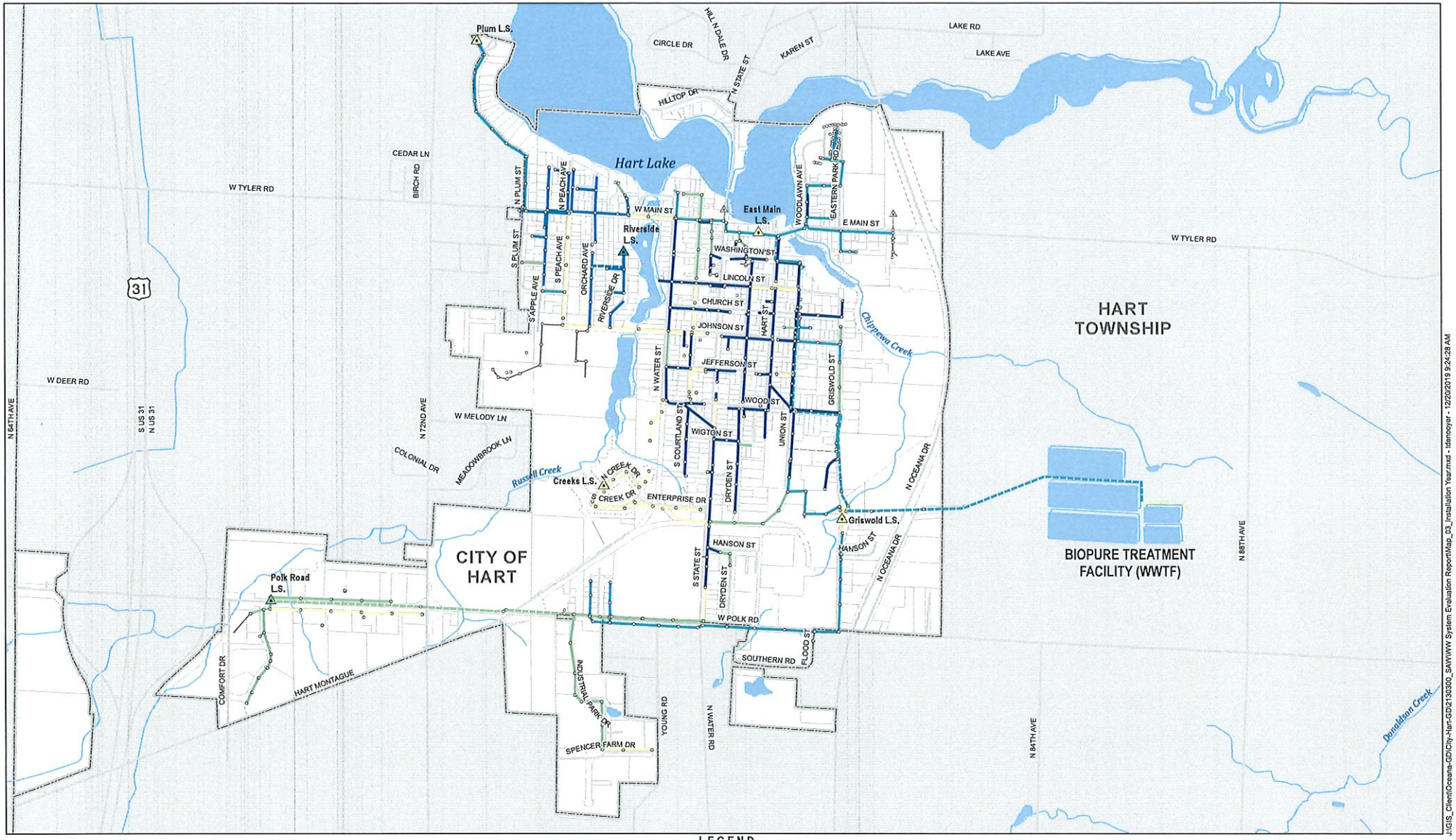
500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI

MAP 2: PIPE DIAMETERS

Prein&Newhof
2130300

J:\GIS_Client\Oceana-GD\City-Hart-GD\2130300_SAWWW System Evaluation Report\Map_02_Pipe Diameters.mxd - tdenboyer - 12/20/2019 9:21:04 AM



LEGEND

Lift Station Install Year
- 1960s
- 1990s
- 2000s and 2010s

Gravity Sewer Install Year
- 1930s
- 1950s
- 1960s and 1970s
- 1980s and 1990s
- 2000s and 2010s

Force Main Install Year
- 1950s
- 1960s and 1970s
- 1980s and 1990s
- 2000s and 2010s

- Private Lift Station
- Private Gravity Sewer
- Private Force Main

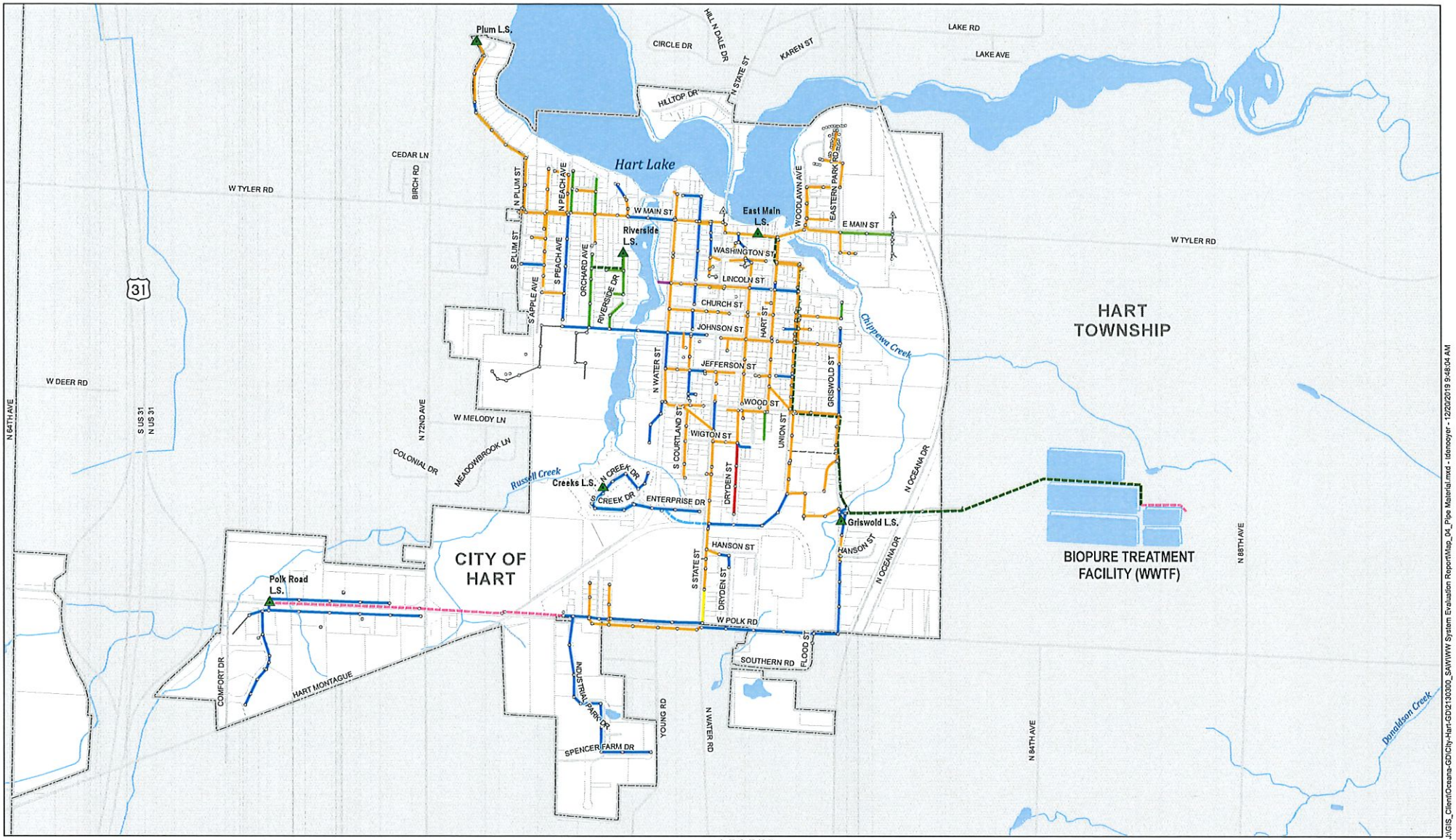
500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI

MAP 3: INSTALLATION YEAR

Prein&Newhof
2130300

J:\GIS_Client\Oceana-GD\City-Hart-GD\2130300_SAW\WW System Evaluation Report\Map_03_Installation Year.mxd - tdenooyer - 12/20/2019 9:24:28 AM



LEGEND

Gravity Sewer Material
- Vitrified Clay
- Polyvinyl Chloride (PVC)
- Asbestos Cement (AC)
- Concrete
- Corrugated Metal
- Cured-in-Place Pipe (CIPP)

Force Main Material
- High-Density Polyethylene (HDPE)
- Ductile Iron
- Cast Iron
- Polyvinyl Chloride (PVC)

- Lift Station
- Private Lift Station
- Private Gravity Sewer
- Private Force Main

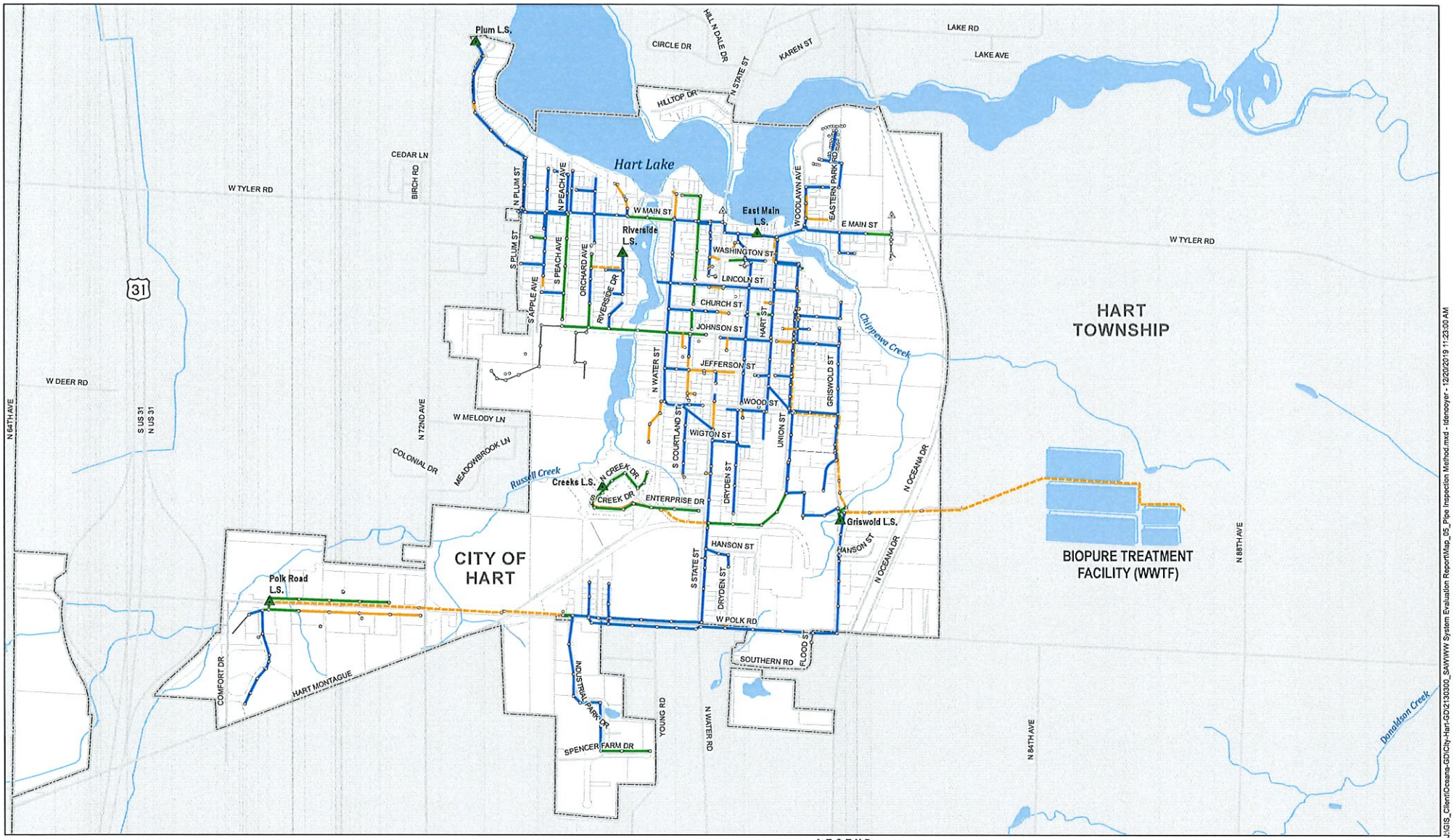
500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI

MAP 4: PIPE MATERIAL

Prein&Newhof
2130300

J:\GIS_Client\Oceana-GD\City-Hart-GD\2130300_SAW\WW System Evaluation Report\Map_04_Pipe Material.mxd - tdenooyer - 12/20/2019 9:48:04 AM



LEGEND

Gravity Main Inspection Method
- PACP
- Zoom Camera
- Inferred

Force Main Inspection Method
- Inferred

- Lift Station
- Private Lift Station
- Private Gravity Sewer
- Private Force Main

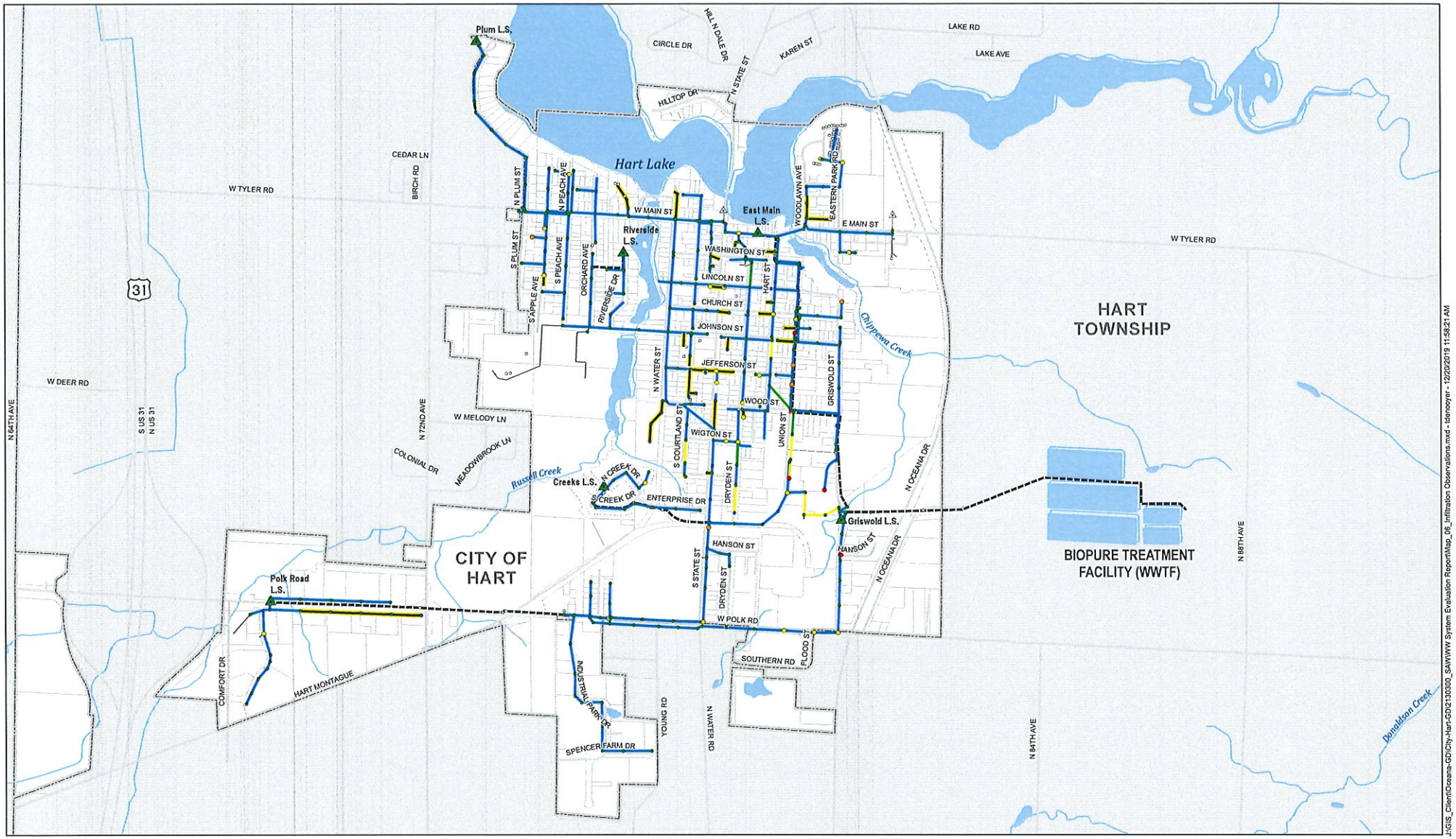
500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI

MAP 5: PIPE INSPECTION METHOD

Prein&Newhof
2130300

J:\GIS_Client\Oceana-GD\City-Hart-GD\2130300_SAWWW System Evaluation Report\Map_05_Pipe Inspection Method.mxd - ldenoyer - 12/20/2019 11:23:00 AM



LEGEND

Manhole Infiltration Observations
- No Data
- 1 - No Infiltration Observed
- 2
- 3
- 4
- 5 - Heavy Infiltration Observed

Gravity Sewer Infiltration Observations
- No Data
- 1 - No Infiltration Observed
- 2
- 3
- 4
- 5 - Heavy Infiltration Observed

- Lift Station
- Force Main
- Private Lift Station
- Private Gravity Sewer
- Private Force Main

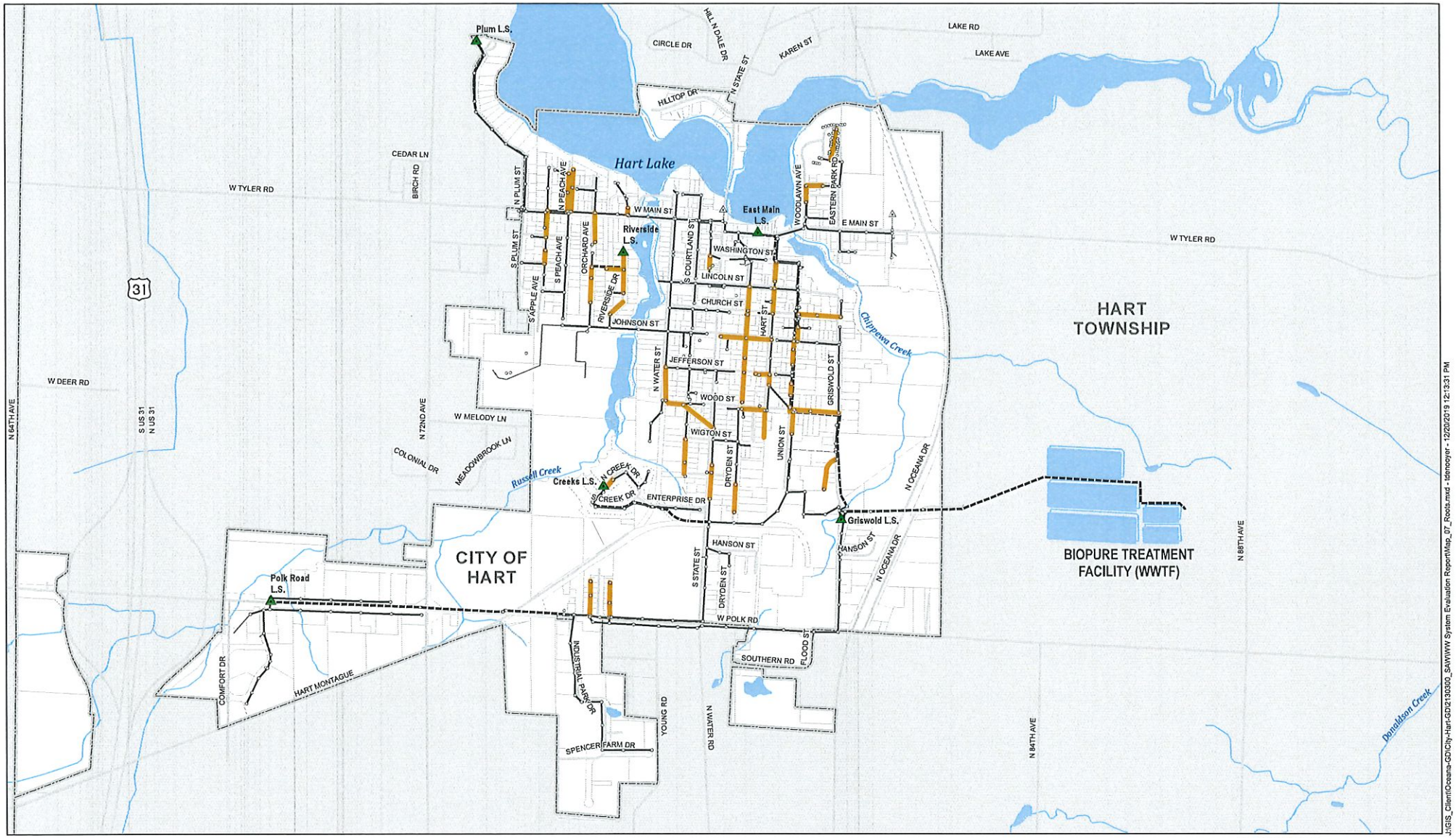
500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI

MAP 6: INFILTRATION OBSERVATIONS

Prein&Newhof
2130300

J:\GIS_Client\Oceana-GD\City-Hart-GD\2130300_SAWWW System Evaluation Report\Map_06_Infiltration Observations.mxd - tdenooyer - 12/20/2019 11:58:21 AM

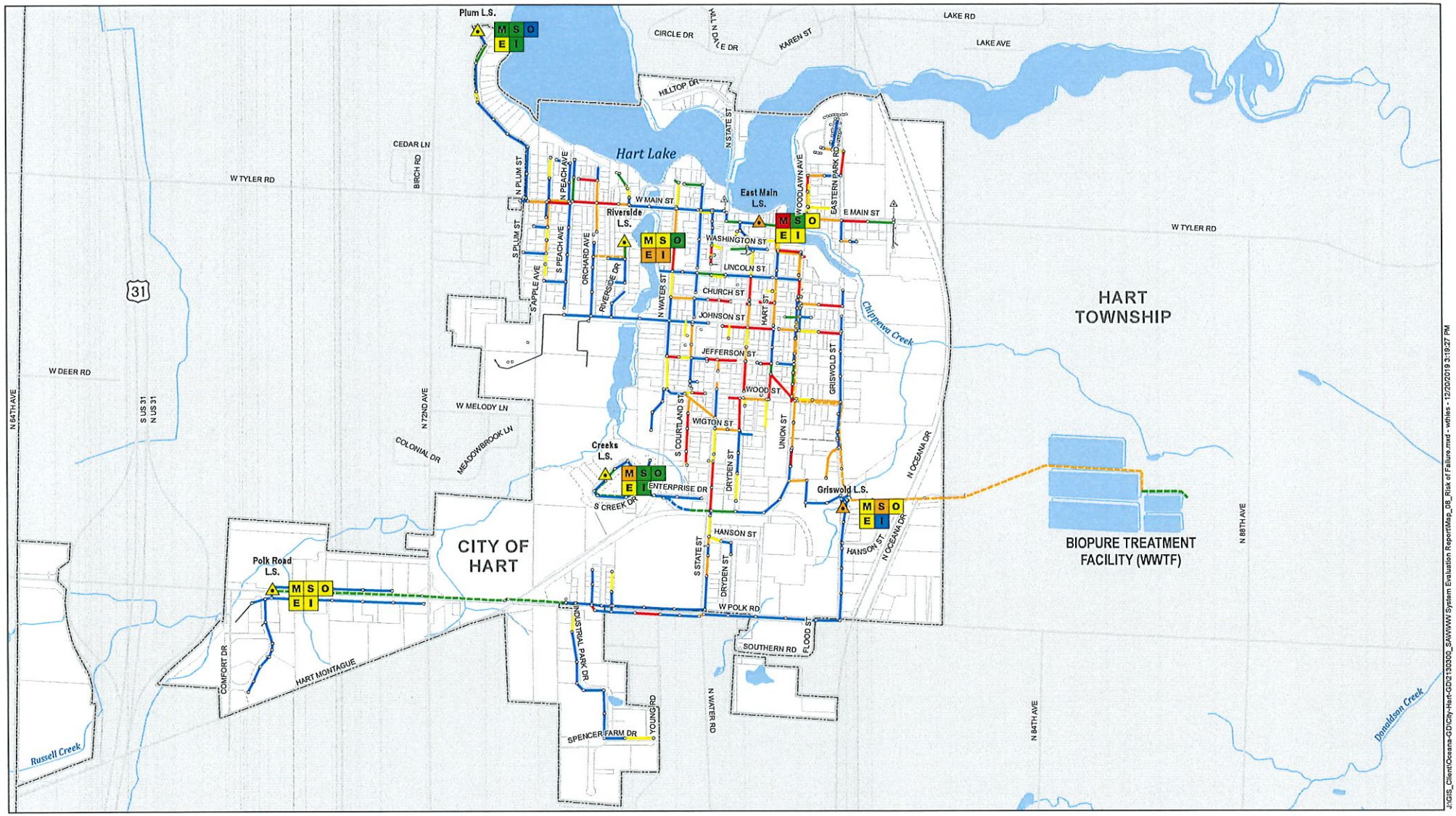


CITY OF HART
OCEANA COUNTY, MI

MAP 7: ROOTS

Prein&Newhof
2130300

J:\GIS_Client\Oceana-GD\City-Hart-GD\2130300_SAWWW System Evaluation Report\Map_07_Roots.mxd - tdenoyer - 12/20/2019 12:13:31 PM



LEGEND

Gravity Sewer Risk of Failure
- 1 - Lowest Risk of Failure
- 2
- 3
- 4
- 5 - Highest Risk of Failure

Force Main Risk of Failure
- 1 - Lowest Risk of Failure
- 2
- 3
- 4
- 5 - Highest Risk of Failure

Lift Station Risk of Failure
- 1 - Lowest Risk of Failure
- 2
- 3
- 4
- 5 - Highest Risk of Failure

Asset Class Risk of Failure

M M M M M

1 2 3 4 5

M = Mechanical I = Instrumentation
S = Structural & Controls
E = Electrical O = Other

- Private Lift Station
- Private Gravity Sewer
- Private Force Main

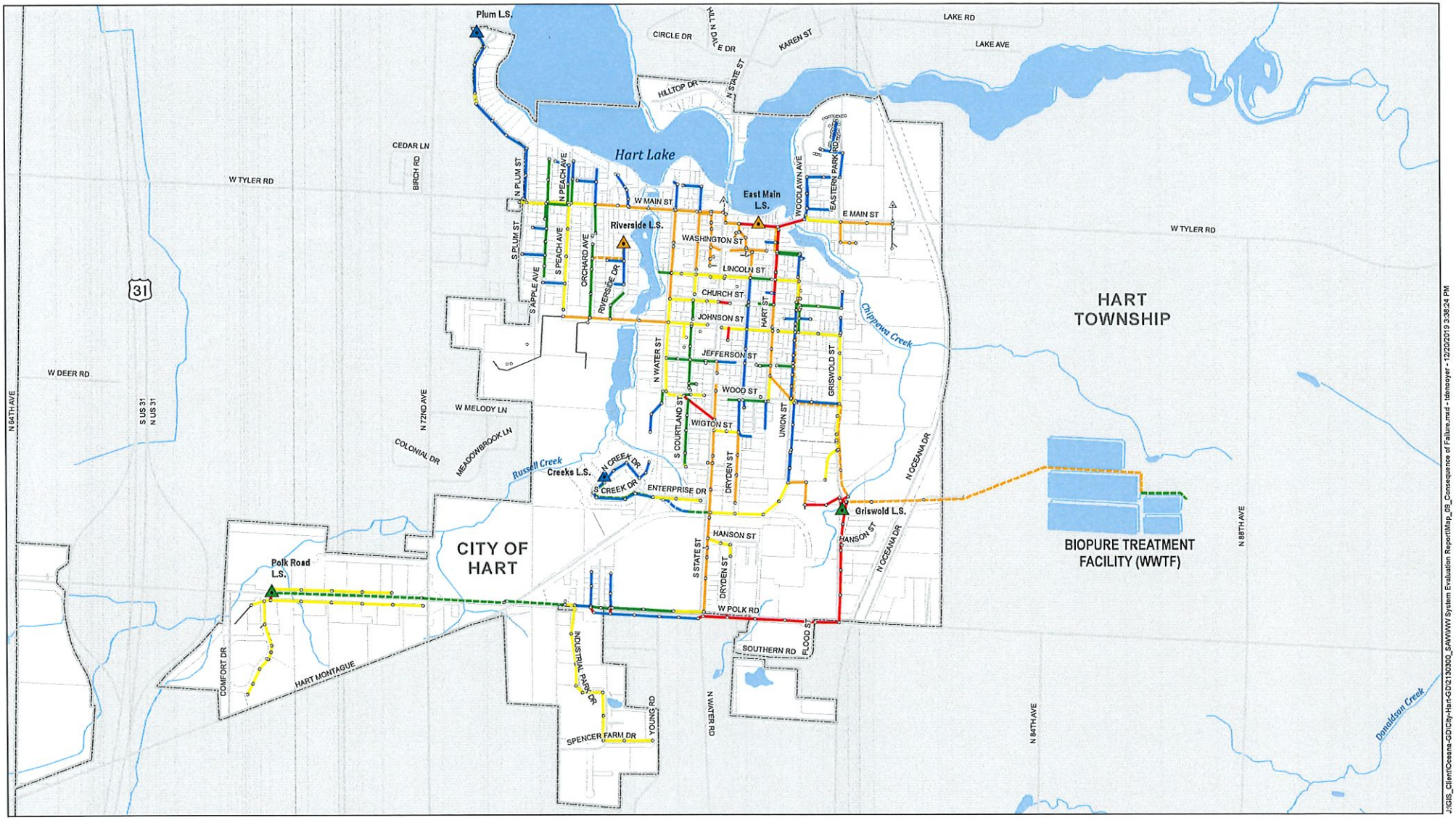
500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI

MAP 8: RISK OF FAILURE

Prein&Newhof
2130300

J:\GIS_Client\Oceana-GD\City-Hart-GD\2130300_SAWWW System Evaluation Report\Map_08_Risk of Failure.mxd - wbles - 12/20/2019 3:19:27 PM



LEGEND

Gravity Sewer Consequence of Failure
- 1 - Lowest Consequence of Failure
- 2
- 3
- 4
- 5 - Highest Consequence of Failure

Force Main Consequence of Failure
- 1 - Lowest Risk of Failure
- 2
- 3
- 4
- 5 - Highest Risk of Failure

Lift Station Consequence of Failure
- 1 - Lowest Consequence of Failure
- 2
- 3
- 4
- 5 - Highest Consequence of Failure

- Private Lift Station
- Private Gravity Sewer
- Private Force Main

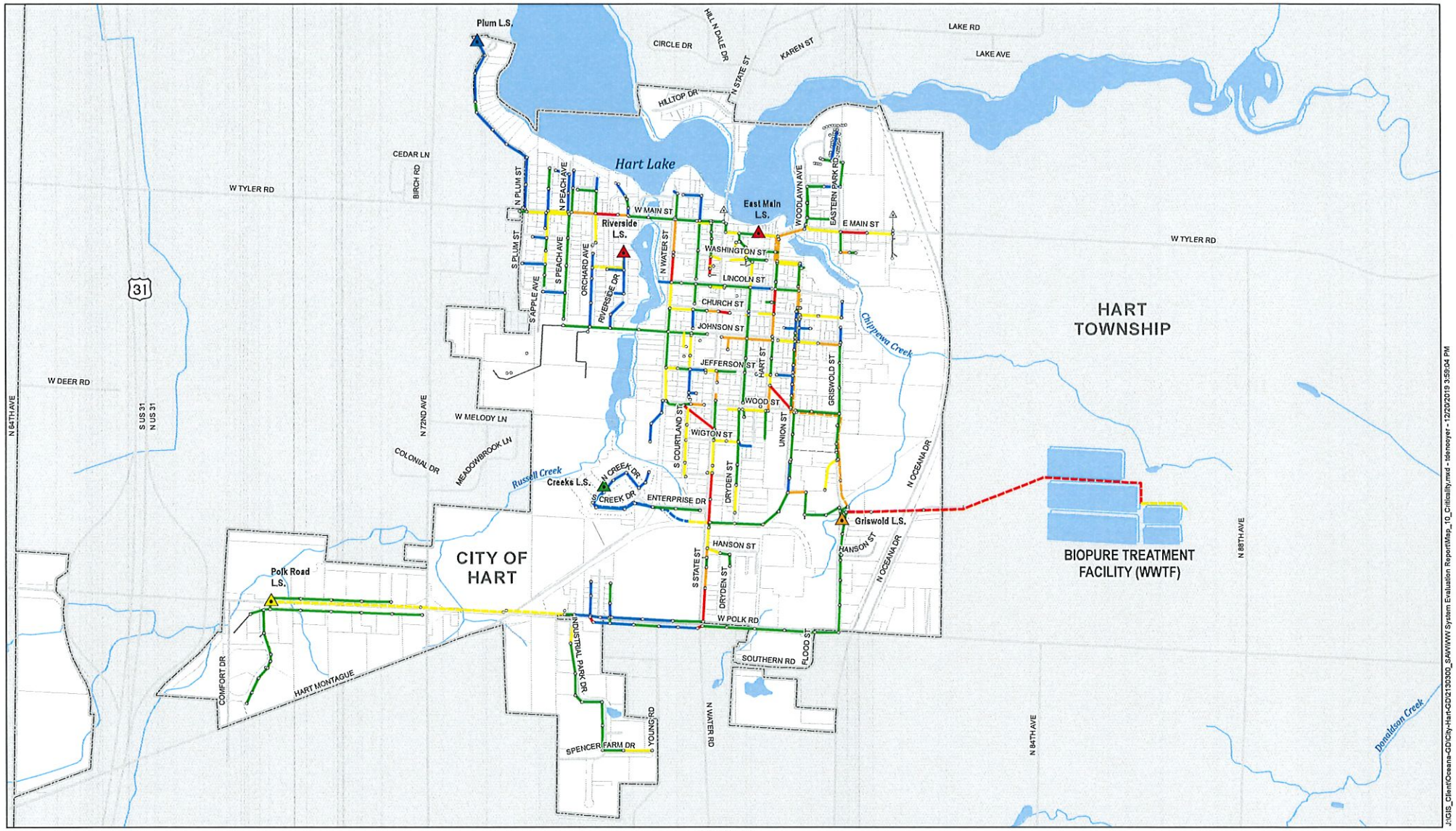
500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI

MAP 9: CONSEQUENCE OF FAILURE

Prein&Newhof
2130300

J:\GIS_Client\Oceana-GD\City-Hart-GD\2130300_SAW\WW System Evaluation Report\Map_09_Consequence of Failure.mxd - tdenooyer - 12/20/2019 3:38:24 PM



LEGEND

Gravity Sewer Criticality Rating
- Least Critical
- Most Critical

Force Main Criticality Rating
- Least Critical
- Most Critical

Lift Station Criticality
- Least Critical
- Most Critical

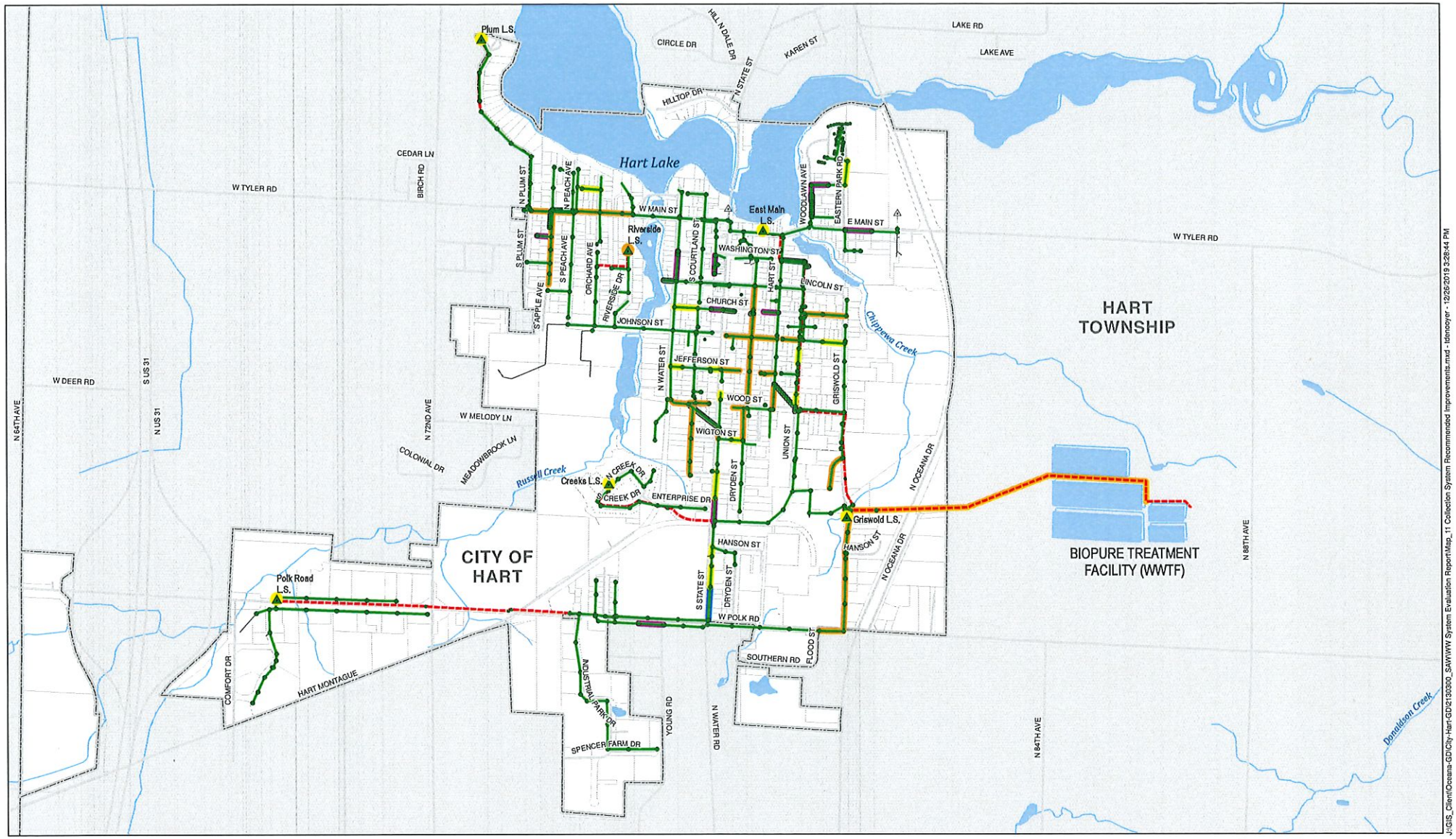
- Private Lift Station
- Private Gravity Sewer
- Private Force Main

500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI

MAP 10: CRITICALITY

Prein&Newhof
2130300



LEGEND

Recommended Improvements - Sewers
- Abandon
- CIPP Line
- CIPP Patch
- Dig & Replace
- Point Repair

Recommended Improvements - Lift Stations
- Rehabilitate
- Replace

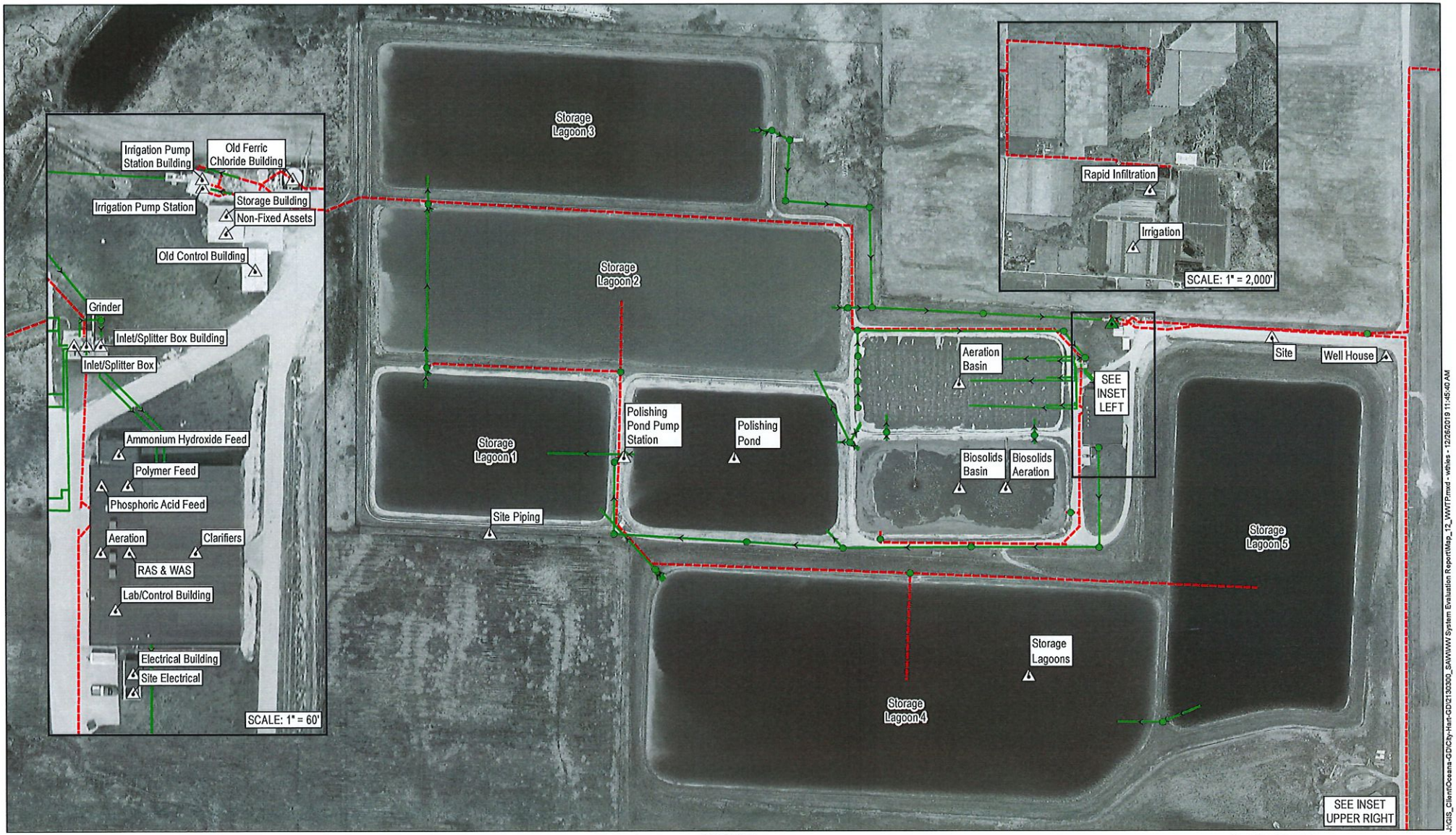
- Lift Station
- Cleanout
- Manhole
- Gravity Sewer
- Force Main
- Private Lift Station
- Private Gravity Sewer
- Private Force Main

500 250 0 500 1,000 Feet

CITY OF HART
OCEANA COUNTY, MI

MAP 11: RECOMMENDED IMPROVEMENTS - COLLECTION SYSTEM

Prein&Newhof
2130300



N

100 50 0 100 200 Feet

LEGEND

- BioPure Process
- Gravity Pipe
- Force Main
- Manhole/Control Structure

CITY OF HART

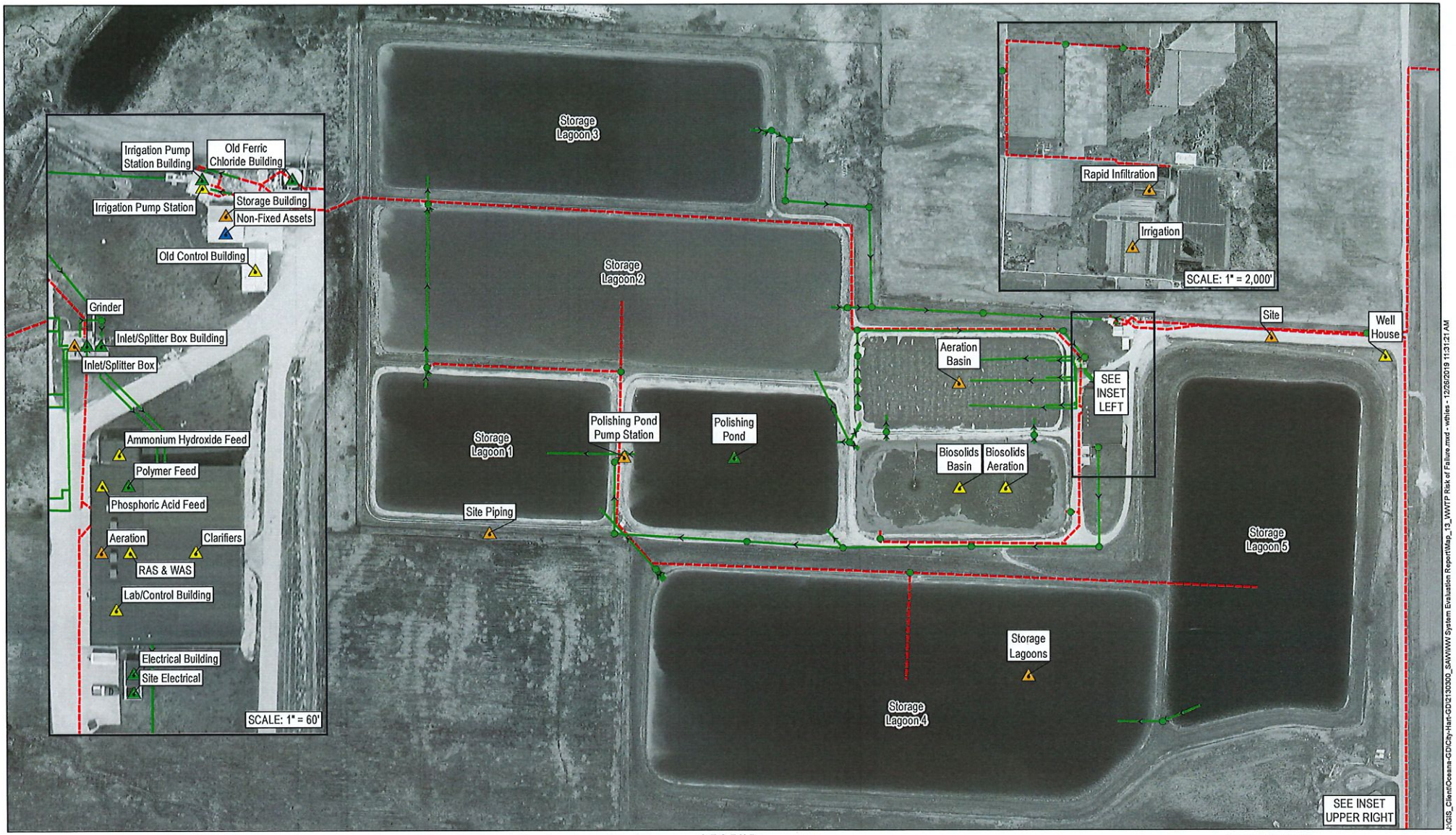
OCEANA COUNTY, MI

MAP 12: BIOPURE TREATMENT FACILITY

Prein&Newhof

2130300

J:\GIS_Client\Oceana-GD\City-Hart-GD\2130300_SAWWW System Evaluation Report\Map_12_WWTP.mxd - whites - 12/26/2019 11:45:40 AM



J:\GIS_Client\Oceana-G\Dl\City-Hart-G\Dl2130300_SAWWW System Evaluation Report\Map_13_WWTP Risk of Failure.mxd - wtries - 12/26/2019 11:31:21 AM

N

100 50 0 100 200 Feet

LEGEND

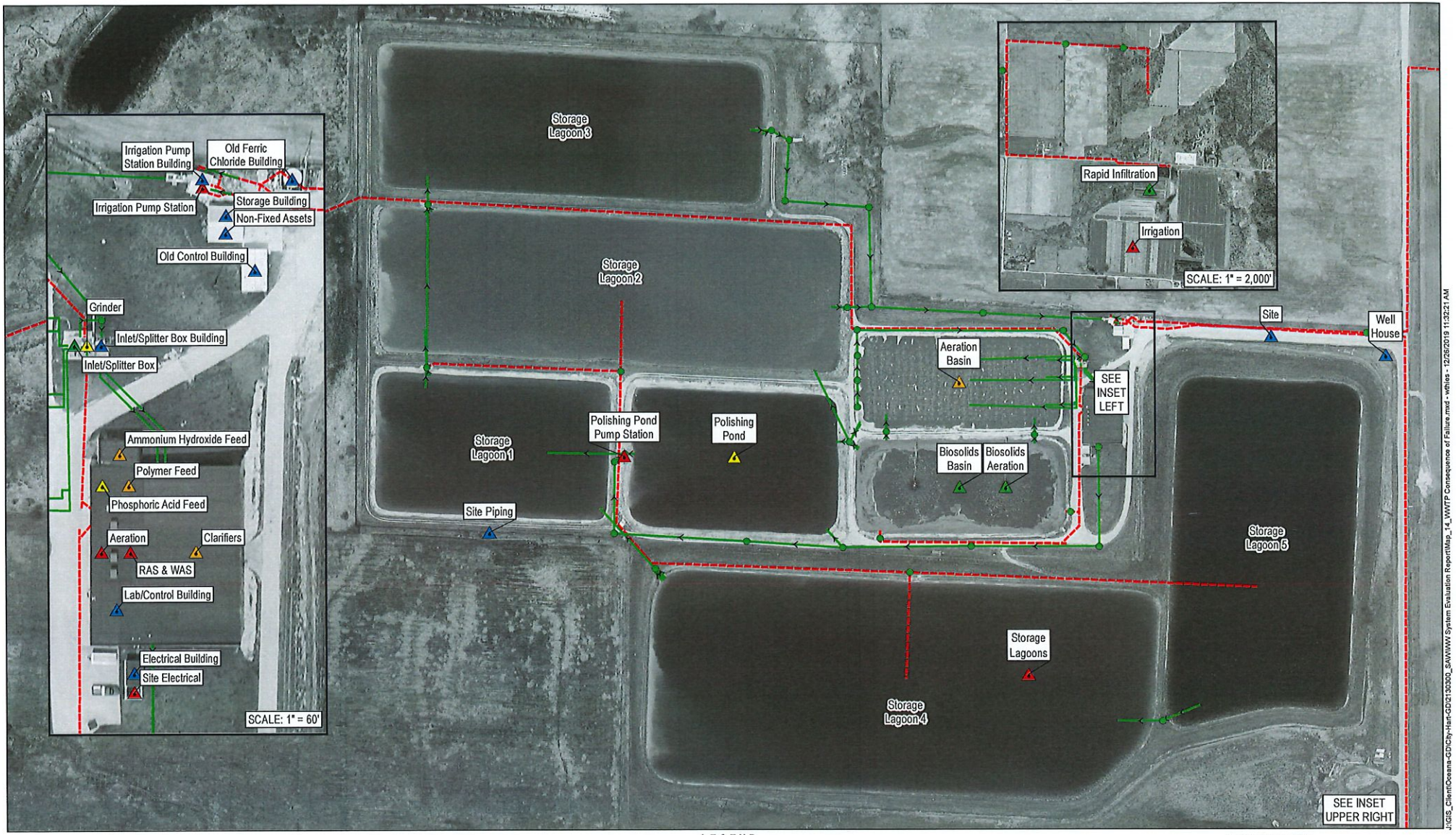
Process Risk of Failure
- 1 - Lowest Risk of Failure
- 2
- 3
- 4
- 5 - Highest Risk of Failure

- Gravity Pipe
- Force Main
- Manhole/Control Structure

CITY OF HART
OCEANA COUNTY, MI

MAP 13: BIOPURE TREATMENT FACILITY RISK OF FAILURE

Prein&Newhof
2130300



J:\GIS_Client\Oceana-GD\City-Hart-GD\2130300_SAWWW System Evaluation Report\Map_14_WWTP Consequence of Failure.mxd - wbles - 12/26/2019 11:32:21 AM

N

100 50 0 100 200 Feet

LEGEND

Process Consequence of Failure

- 1 - Lowest Consequence of Failure
- 2
- 3
- 4
- 5 - Highest Consequence of Failure

- Gravity Pipe
- Force Main
- Manhole/Control Structure

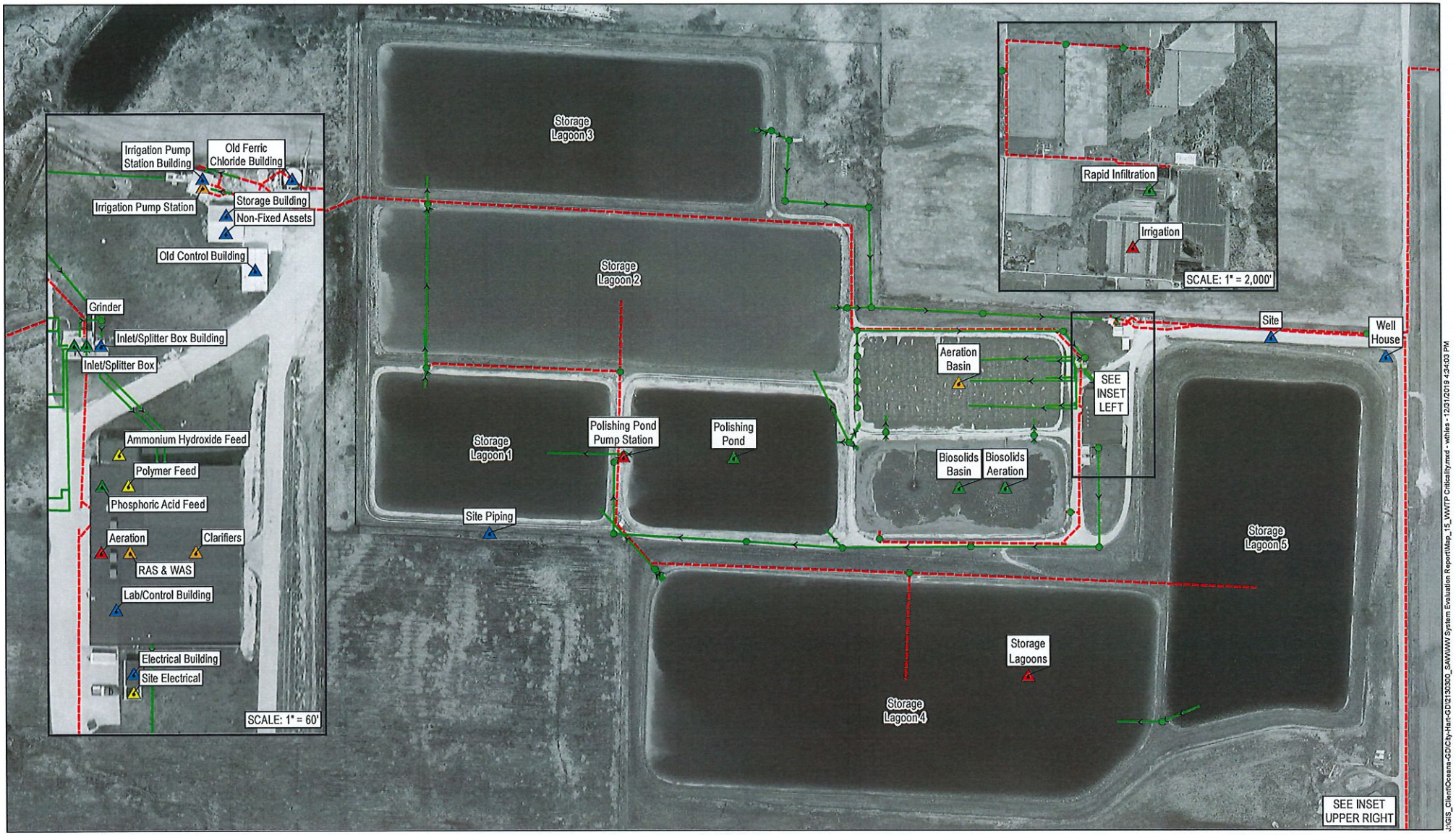
CITY OF HART

OCEANA COUNTY, MI

MAP 14: BIOPURE TREATMENT FACILITY CONSEQUENCE OF FAILURE

Prein&Newhof

2130300



N

100 50 0 100 200 Feet

LEGEND

Process Criticality

Least Critical

Most Critical

Gravity Pipe

Force Main

Manhole/Control Structure

CITY OF HART

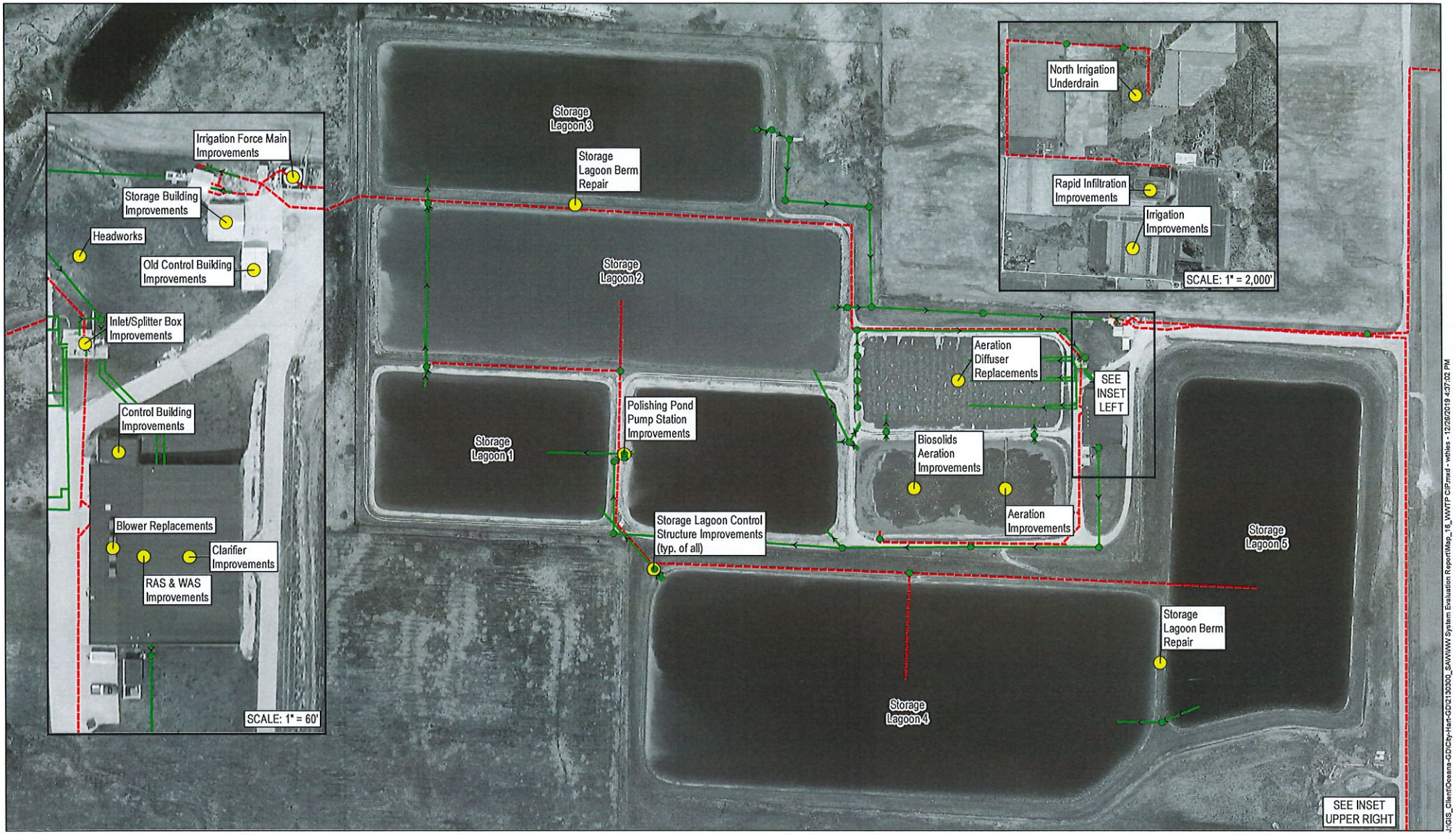
OCEANA COUNTY, MI

MAP 15: BIOPURE TREATMENT FACILITY CRITICALITY

Prein&Newhof

2130300

J:\GIS_Client\Oceana-GD\City-Hart-GD\2130300_SAWWW System Evaluation Report\Map_15_WWTP Criticality.mxd - wbles - 12/31/2019 4:34:03 PM



N

100 50 0 100 200 Feet

LEGEND

- Recommended Improvements
- Manhole/Control Structure
- Gravity Pipe
- Force Main

CITY OF HART

OCEANA COUNTY, MI

MAP 16: RECOMMENDED IMPROVEMENTS - BIOPURE TREATMENT FACILITY

Prein&Newhof

2130300

J:\GIS_Client\Oceana-GD\City-Hart-GD\2130300_SAWWW System Evaluation Report\Map_16_WWTP CIP.mxd - wbiles - 12/26/2019 4:37:02 PM

CITY OF HART

407 S. State St., Hart, MI 49420
Ph: 231-873-2488 Fax: 231-873-0100

SPECIAL EVENTS PERMIT

THE CITY IS NOT RESPONSIBLE FOR BY-STANDERS AT YOUR EVENT.

DATE OF APPLICATION:

NAME OF EVENT: Zumba Class / Strong Nation class

DATE OF EVENT: each Monday/Tuesday/Wed TIME: 6:00 TO 7:00 pm

RAIN DATE OF EVENT: **MUST PROVIDE** class will be canceled

LOCATION AND/OR ROUTE OF EVENT: John Gurney Park Pavillion

* Will run until end of October or weather permits.

DESCRIPTION OF EVENT: Zumba exercise given by a certified instructor

SPECIAL NEEDS: None

NAME OF ORGANIZATION OR SPONSOR: Super Fitness / Rosario Mendoza

ADDRESS:

CONTACT PERSON: Rosario Mendoza

PHONE: 231 760 3944 FAX:

EMAIL: charolasrock@yahoo.com.

X

SIGNATURE OF EVENT COORDINATOR/SPONSOR **DATE**

ALL CURRENT COVID-19 STATE MANDATED RESTRICTIONS MUST BE ADHERED TO. IT IS YOUR RESPONSIBLITY TO SCHEDULE THE LOGISTICS MEETING WITH THE CITY DEPARTMENTS INDICATED IF YOUR APPROVED PERMIT INDICATES THAT A MEETING IS NEEDED. PLEASE NOTE THAT A 7 - 10 DAY ADVANCE NOTICE WILL BE NEEDED TO SCHEDULE THE MEETING.

POLICE: 873-2488, DPW: 873-3100, HYDRO: 873-5367, EMS: 873-8240

SECTIONS BELOW TO BE COMPLETED BY THE CITY

PROOF OF LIABILITY INSURANCE FOR STREET SOLICITATION: YES OR NO

LOGISTICS MEETING NEEDED: YES OR NO

DEPT. ATTENDING: DPW POLICE EMS HYDRO

PERMIT NUMBER: APPROVED BY CITY COUNCIL/CITY MANAGER

DATE OF APPROVAL/DENIAL: YES OR NO

CONDITIONS:

CITY REPRESENTATIVE'S SIGNATURE: