

Village of Hales Corners

5635 S. New Berlin Road

Hales Corners, WI 53130

Phone: (414) 529 -6161

Fax: (414) 529 -6179

www.halescorners.org



James R. Ryan Municipal Building

PUBLIC WORKS COMMISSION

Meeting Notice/Agenda

March 20, 2025 (Thursday) – 6:00 p.m.

Hales Corners Village Hall (5635 S. New Berlin Road)

Notice is hereby given that the Public Works Commission will meet at the above date, time, and place.

Notice is given that a majority of the Village Board may attend this meeting to gather information about an agenda item over which they have decision-making responsibility. This would constitute a meeting of the Board per State ex rel. Badke v. Greendale Village Board even though the Board will not take formal action at this meeting.

A G E N D A

1.0 ROLL CALL

M. Postonik: ☐ Present ☐ Excused ☐ Absent; A. Fritz: ☐ Present ☐ Excused ☐ Absent;

R. Merkel: ☐ Present ☐ Excused ☐ Absent; S. Riemer: ☐ Present ☐ Excused ☐ Absent;

M. MacGillis: ☐ Present ☐ Excused ☐ Absent; T. Brinkmeier: ☐ Present ☐ Excused ☐ Absent;

Staff: S. Houte, DPW Project Manager

Public:

2.0 GENERAL BUSINESS

- Approval of Minutes – February 20, 2025
- Public Comment -

3.0 ADMINISTRATION REPORT

- DPW Task Updates
- DPW Manager Updates
 - Garden Ct L.S.
 - Issue with Check Valves.
 - Change Order to Lory Ln L.S.
 - Replacement in the amount of \$14,025.55.

- Approved by the Village Board on 03-10-25 Meeting
- Submitted Annual Sodium Chloride Order 2025-2026
- DNR NR-216 Permit Annual Report
- Village Hall Fire Protection System
 - Contacted USA Fire Protection to diagnose air loss issue.
 - Replacement pipe installed 03-17-25.
- Hales Happiness area sanitary sewer flow monitoring.
 - Working with MMSD.

4.0 PROJECTS:

4.1 2024 Road Program – Update

- Spring project walk through for Punch List

4.2 Village Library Project - Update

4.3 Village Fire Station Parking Lot Project - Update

4.4 MMSD Private Property Infiltration & Inflow Project – Award Project

4.5 Hales Happiness Water Main – PIM Held on March 6th, 2025

5.0 NEXT SCHEDULED MEETING – April 17, 2025 @ 6:00pm

6.0 ADJOURNMENT



Steven Houte, Public Works Project Manager
March 17, 2025

Note: Upon reasonable notice, efforts will be made to accommodate the needs of individuals with disabilities through appropriate aids and services by contacting the Clerk's Office, 414-529-6161.

Village of Hales Corners

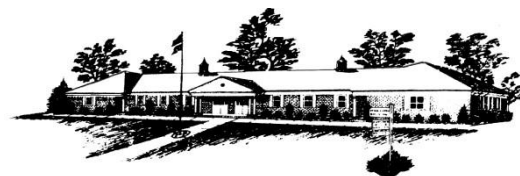
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Notice is given that a majority of the Village Board may attend this meeting to gather information about an agenda item over which they have decision-making responsibility. This would constitute a meeting of the Board per State ex rel. Badke v. Greendale Village Board even though the Board will not take formal action at this meeting.

MINUTES

➤ *Meeting called to order at 6:02 pm*

1.0 ROLL CALL

M. Postonik: ☒ Present ☐ Excused ☐ Absent; A. Fritz: ☒ Present ☐ Excused ☐ Absent;

R. Merkel: ☒ Present ☐ Excused ☐ Absent; S. Riemer: ☐ Present ☐ Excused ☐ Absent;

M. MacGillis: ☒ Present ☐ Excused ☐ Absent; T. Brinkmeier: ☐ Present ☐ Excused ☒ Absent;

Staff: S. Houe, DPW Project Manager

Public:

➤ *None in attendance*

2.0 GENERAL BUSINESS

- Approval of Minutes – January 16, 2025
 - *Motion to approve the 01-16-25 meeting minutes by Fritz and seconded by Postonik. Vote approved unanimously.*
- Public Comment -
 - *None*

3.0 ADMINISTRATION REPORT

- DPW Task Updates

➤ *Houte provided an update on Village Staff tasks.*

○ DPW Manager Updates

- Whitnall Way L.S.
 - Issue with Pump 1 Continuous alarms.
 - Pump 1 impeller was impacted with “rags” found that the impellers are worn and unable to “chop/tear” up “rags” to pass through pump.
 - Replacement Impeller Kits for both Pumps \$5,400.00
- Submitted Annual Tier II Emergency & Hazardous Chemical Inv.
 - Annual report for materials stored at DPW
 - Calcium Chloride
 - Sodium Chloride
 - Gravel
- Provided We-Energies Road Weight Restrictions
 - 2025 Annual Request
- Village Hall Tree Removals
 - Three Maple Trees
- Wisconsin Garden Club Federation
 - Earth Day April 22nd Tree Planting Ceremony
- DPW Annual Salt Shed Inspection on 02-04-25
- Sanitary Sewer Main (Dennis Ct)
- Equipment Purchases
 - Smooth Drum Roller Compactor
 - AC Diagnostic Machine
 - Equipment Trailer
 - Skid Steer Attachment – Grapppler
- Village Hall Fire Protection System
 - Tested all detection equipment with no issues (2-12-25).
 - Contacted USA Fire Protection to diagnose air loss issue.
 - Found a leak and fixed it.
- Village Hall – Admin Office space renovation
- Village Hall – Generator
 - *Minor discussion on items. Houte answered questions, elaborated and provide additional information for clarification.*

4.0 **PROJECTS:**

4.1 2024 Road Program – Update

- Completed Project Final Quantities
- Change Order to Reconcile Quantities
 - Adjust Contract Amount
 - Adjust Pavement Warranty to 3 years

- Holding Retainage until acceptance of the project.
- Liquidated Damages – Combined Total = \$112,000.00
- Additional Eng. Fee's - \$7,366.50
 - *Minor discussion on items. Houte answered questions, elaborated and provide additional information for clarification.*

4.2 Village Library Project - Update

4.3 Village Fire Station Parking Lot Project - Update

4.4 MMSD Private Property Infiltration & Inflow Project – Update

- *Minor discussion on items. Houte answered questions, elaborated and provide additional information for clarification.*

4.5 Hales Happiness Water Main – Update

- *Minor discussion on items. Houte answered questions, elaborated and provide additional information for clarification.*

5.0 NEXT SCHEDULED MEETING – March 20, 2025 @ 6:00pm

6.0 ADJOURNMENT

- *Motion to adjourn by Postonik and seconded by Merkel. Motion passed unanimously at 6:39pm*



Steven Houte, Public Works Project Manager
January 10, 2025

Note: Upon reasonable notice, efforts will be made to accommodate the needs of individuals with disabilities through appropriate aids and services by contacting the Clerk's Office, 414-529-6161.

MUNICIPAL AGREEMENT TO PURCHASE SODIUM CHLORIDE ON WISDOT BID (March 2025)

THIS AGREEMENT MUST BE SIGNED, DATED, AND RECEIVED BY WisDOT BHM
WISDOT **NO LATER THAN 5 PM ON MONDAY, March 24, 2025.**

SUBMIT BY EMAIL ONLY TO: SaltAdmin@dot.wi.gov

Annually the Wisconsin Department of Transportation, Bureau of Highway Maintenance takes bids for sodium chloride to be used as a deicing agent. For the 2025-2026 bid the Department will receive a single, combined price to include three categories of delivery services for its road salt needs. They are:

1. **Guaranteed Early Fill** - this service is to take delivery of salt that will fill the purchaser's storage facilities to capacity. Salt contractor is required to complete delivery by December 1, 2025. The contract guarantees the salt contractors that 100% of the bid quantity shown as guaranteed early fill will be taken by the purchaser at the price awarded to the salt contractor. It obligates the salt contractor to deliver this guaranteed quantity. Early fill salt can be ordered as soon as the contracts are signed by the salt contractor (Typically July 1st) and must be ordered by October 1, 2025, **using form DT2208**. Any unordered salt by these guidelines may result in forfeiture of salt in this category.
2. **Guaranteed Seasonal Fill** - this service is to take delivery of salt that will re-fill the storage facilities between December 1, 2025, and April 30, 2026. The municipality guarantees to purchase from the salt contractor - 100% of the bid quantity shown as "guaranteed seasonal fill" at the price awarded to the salt contractor. The request for delivery is made by the purchasing agency **using form DT2208**. When both guaranteed early fill and guaranteed seasonal fill are contracted, the municipality must take delivery on all early fill salt, before beginning to take delivery of seasonal fill.
3. **Vendor Reserve** - the salt contractor assures that it will have a "reserve" quantity, enabling it to provide additional salt up to the quantity let for bid as vendor reserve, which is taken at the discretion of the purchaser at the price awarded to the salt contractor. **Form DT2208 must be used to order salt. The purchaser's "vendor reserve" cannot be more than 20% of the "total guaranteed purchase."**

The WisDOT Bureau of Highway Maintenance will include the requested salt quantities for local units of government in the quantity for the statewide bid. Participating local units of government must agree to abide by the Special Terms and Conditions of the contract between WisDOT and the Salt Contractor including procedures for ordering, taking delivery, acknowledging receipt of delivery, making payment for salt received, salt quantities, salt unit prices, and assessing penalties. By signing this agreement, participants are also agreeing to comply with Administrative Code TRANS 277 which requires registration and compliance at all salt storage facilities. TRANS 277 also requires annual on-site storage facility inspections.

The Village of Hales Corners in Milwaukee County
(Town / City / County) (Name of Municipality) (County)

hereby requests WisDOT to acquire the following quantity of sodium chloride for the 2025-26 winter season and agrees to purchase at least the "guaranteed" quantities shown in the table on the following page and to make payment as contractually required.

CURRENT INVENTORY INFORMATION	
QUANTITY	AMOUNT IN TONS
Overall Storage Shed Capacity How much salt your shed(s) can hold when full	900
Current Salt Shed Inventory (approx. what have in shed(s) now)	600
Salt yet to be delivered from 2024-2025 contract Include any Guaranteed Seasonal Salt and any Optional Vendor Reserve you plan to receive yet, this Spring	400

2025-2026 SALT ORDER SPECIFICATIONS	
GUARANTEED PURCHASES	AMOUNT IN TONS
Guaranteed Early Fill Early fill orders must be placed prior to October 1, 2025 with preferred delivery of any date prior to December 1, 2025	0
Guaranteed Seasonal Fill Seasonal fill orders must be placed after December 2, 2025 with preferred delivery of any date prior to April 30, 2026	400
Total Guaranteed Purchases (Early + Seasonal)	

OPTIONAL PURCHASE	AMOUNT IN TONS
Vendor Reserve <i>This quantity can be no more than 20% of the total guaranteed purchase (early and seasonal tons).</i> Purchaser may take delivery at its discretion between December 2, 2025 and up to April 30, 2026.	80

Participants will receive a copy of the Bid Documents, the procedure to place orders, the form DT2208 and instructions on how to use it, and assistance on other requirements contained in the Bid Documents in June ahead of the new contract starting July 1, 2025.

ALL SALT ORDERS MUST BE E-MAILED TO SALT CONTRACTORS ON A DT2208 FORM (no phone orders).

Salt purchased under this agreement shall only be used on facilities owned and maintained by a municipality. If the municipality has contracted with a private entity to perform winter maintenance, the salt purchased under this agreement shall not be used by the private entity on facilities not owned or maintained by a municipality.

The undersigned authority here agrees to the terms and values of the above agreement:

Signature Approval Authority (electronic signature accepted)

414.529.6165

Contact Phone Number
(ex: xxx-xxx-xxxx)

March 12, 2025

Date

shoute@halescorners.org

Contact E-mail Address

Memo

To: Public Works Commission
From: Steven Houte
CC: Sandy Kulik
Date: March 17, 2025
Re: 2024 NR-216 ILLICIT DISCHARGE DETECTION ELIMINATION (IDDE) COMPLIANCE:
DRY WEATHER MONITORING AND WIS-DNR REPORTING

Per the statutory requirements of the current WDNR Storm Water Permit, the Village is required to perform annual inspection of major storm water outfalls. Seven (7) outfalls within the Village meet these criteria and therefore must be inspected by December 31, 2024. The monitoring is required to be conducted no sooner than 3 days after a precipitation producing event. The inspection is to identify illicit discharges into the storm water conveyance system. If active flow is detected at the outfall a battery of physical and chemical tests is conducted and recorded. The physical tests include Temperature, Ph, Color, Turbidity, Surface Sheen, and Odor. The chemical tests detect the presence of Detergents, Residual Chlorine, Phenols, and Copper. If the results indicate an illicit discharge, the Village is required to investigate and resolve.

For 2024, raSmith has performed annual screening, follow-up investigations (as needed), and prepare a written report.

Per the requirements the Village is to provide education and public outreach for storm water pollution prevention. This work is performed by teaming with other municipalities that are required to do the same. The outreach and education is performed by Root-Pike Win. This group performs in person education at events as well as mailed brochures.

As part of the Villages compliance an annual report is provided to the Wisconsin DNR. The elements above are documented and submitted as part of the report. Find attached a copy of the monitoring report from raSmith, summary from Root-Pike Win, and the copy of the report to be submitted to the DNR.

December 16, 2024

Mr. Steve Houte (via e-mail)
Department of Public Works Project Manager
Village of Hales Corners
5635 S. New Berlin Rd.
Hales Corners, WI 53130

Re: Summary of 2024 Illicit Discharge Screenings and Investigations

Dear Mr. Houte:

R.A. Smith, Inc was contracted to visually inspect 9 outfall locations as part of the Village's IDDE Inspection program. Below is an explanation of the procedure we followed during each of the inspections and a brief summary of the notable results.

Visual Inspection Procedures

An inspection form was completed for each of the 9 outfall locations during the inspection on November 13, 2024. Copies of the completed inspection forms can be seen in Attachment A enclosed with this letter. The inspection form includes the following attributes, which were populated for each inspection site, when appropriate:

- | | | |
|--------------------------------|------------------|----------------------|
| - Outfall ID | - Outlet Type | - Turbidity of Water |
| - Date of Last Rainfall | - Pipe Size | - Surface Sheen |
| - Date of Inspection Performed | - Pipe Material | - Odor of Water |
| - Name of Inspector | - Color of Water | - Pipe Active |
| - Receiving Water | | |

Photographs were taken at each of the sites using a white board to identify each photograph by its correct outfall ID. A sample of the flowing water analysis if present. Each sample was collected in clear plastic bottles, with the outfall ID clearly labeled on each bottle. After all site inspections were completed, the samples were brought back to the raSmith office for testing. The results of the tests are included in this letter on the following page.

Water Sampling Testing Procedures

A Hach Storm Water Test Kit was used to test the water samples that we collected during the dry weather event. Only outfalls that had active flow were tested. Each of the samples were tested for the following, with all test results included on the inspection form mentioned above:

- | | | |
|----------------|--------------------|---------------------|
| - pH Level | - Total Chlorine | - Water Temperature |
| - Total Copper | - Detergents Level | |
| - Total Phenol | - Ammonia Level | |



Mr. Steve Houte – Department of Public Works Project Manager
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Summary

2 of the 9 inspection sites had water samples taken. Some outfall locations had water present but were not actively flowing so water samples were not taken. The results of the tests performed on the water samples for the 2 test locations can be seen in the table below. Note that the permitted limits for each testing parameter are included in the chart below for reference.

2024 IDDE Results							
Outfall ID	pH Level (6.0-9.0)	Total Chlorine (<.2 mg/L)	Total Copper (<.1 mg/L)	Total Phenol (<.5 mg/L)	Detergents (<.5 mg/L)	Ammonia (<.1 mg/L)	Water Temperature (°F)
1	7.97	0.0	0.0	0.0	0.0	0.0	49.4
2	7.92	0.0	0.0	0.0	0.0	0.0	53.7

None of the test results exceeded the permitted limits, therefore no further action is needed at this time.

Please let us know if you have any questions about the above.

Sincerely,

R.A. Smith, Inc.

Riley Stone, P.E., CFM
Project Engineer

c: Troy Hartjes, P.E. / raSmith
John Mueller / raSmith

\\rasmith.com\Brookfield\Municipal\Hales Corners-V\IDDE Program\2024\2024 IDDE Results Memo.docx



Mr. Steve Houte – Department of Public Works Project Manager
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ATTACHMENT A

2024 INSPECTION FORMS

VILLAGE OF
HALES CORNERS
W I S C O N S I N

Visual Inspection Form
For Illegal Connection/Illicit Discharge
WPDES Permit No. WI-S50059-3

Outfall ID	1	
Date of Last Rainfall	0.16" on 11/10/2024	
Date Inspection Performed	11/13/2024	
Name of Inspector	John Mueller, Jason Pietrusiewicz	
Receiving Water	North Root River	
M.H. or Outfall (Circle One)	M.H. <u>Outfall</u>	
Pipe Size	34" x 48"	
Pipe Material (Circle One)	RCP <u>CMP</u> PVC HDPE Steel DI VCP Other	
Color (Circle One)	<u>Clear</u> Yellow Gray Orange Brown Green Red Other	
Turbidity (Circle One)	<u>Clear</u> Slightly Cloudy Cloudy Opaque	
Surface Sheen (Circle One)	<u>None</u> Oil Gasoline Scum Unknown	
Odor (Circle One)	<u>None</u> Oil Decaying Vegetation SO ₂ Fuel Sewage Methane Unknown	
Pipe Active (Circle One)	No <u>Trickle</u> Moderate Substantial	
IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.		
Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	7.92
Total Chlorine Level*	< 0.2 mg/L	0.0
Total Copper Level*	< 0.1 mg/L	0.0
Total Phenol Level*	< 0.5 mg/L	0.0
Detergents Level*	< 0.25 mg/L	0.0
Ammonia Level*	< 0.1 mg/L	0.0
Water Temperature	-	53.7 °F

* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
Pipe is active, sample taken.



VILLAGE OF
HALES CORNERS
W I S C O N S I N

Visual Inspection Form
For Illegal Connection/Illicit Discharge
WPDES Permit No. WI-S50059-3

Outfall ID	2	
Date of Last Rainfall	0.16" on 11/10/2024	
Date Inspection Performed	11/13/2024	
Name of Inspector	John Mueller, Jason Pietrusiewicz	
Receiving Water	<i>North Root River</i>	
M.H. or Outfall (Circle One)	M.H. <u>Outfall</u>	
Pipe Size	60"	
Pipe Material (Circle One)	<u>RCP</u> CMP PVC HDPE Steel DI VCP Other	
Color (Circle One)	<u>Clear</u> Yellow Gray Orange Brown Green Red Other	
Turbidity (Circle One)	<u>Clear</u> Slightly Cloudy Cloudy Opaque	
Surface Sheen (Circle One)	<u>None</u> Oil Gasoline Scum Unknown	
Odor (Circle One)	<u>None</u> Oil Decaying Vegetation SO ₂ Fuel Sewage Methane Unknown	
Pipe Active (Circle One)	No <u>Trickle</u> Moderate Substantial	
IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.		
Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	7.92
Total Chlorine Level*	< 0.2 mg/L	0.0
Total Copper Level*	< 0.1 mg/L	0.0
Total Phenol Level*	< 0.5 mg/L	0.0
Detergents Level*	< 0.25 mg/L	0.0
Ammonia Level*	< 0.1 mg/L	0.0
Water Temperature	-	53.7 °F

* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
Pipe is active, sample taken.



VILLAGE OF
HALES CORNERS
W I S C O N S I N

Visual Inspection Form
For Illegal Connection/Illicit Discharge
WPDES Permit No. WI-S50059-3

Outfall ID	2.1	
Date of Last Rainfall	0.16" on 11/10/2024	
Date Inspection Performed	11/13/2024	
Name of Inspector	John Mueller, Jason Pietrusiewicz	
Receiving Water	<i>North Root River</i>	
M.H. or Outfall (Circle One)	<u>M.H.</u> Outfall	
Pipe Size	24" x 35"	
Pipe Material (Circle One)	RCP <u>CMP</u> PVC HDPE Steel DI VCP Other	
Color (Circle One)	Clear Yellow Gray Orange Brown Green Red Other	
Turbidity (Circle One)	Clear Slightly Cloudy Cloudy Opaque	
Surface Sheen (Circle One)	None Oil Gasoline Scum Unknown	
Odor (Circle One)	None Oil Decaying Vegetation SO ₂ Fuel Sewage Methane Unknown	
Pipe Active (Circle One)	<u>No</u> Trickle Moderate Substantial	
IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.		
Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Ammonia Level*	< 0.1 mg/L	
Water Temperature	-	°F

* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
Pipe is not active.



VILLAGE OF
HALES CORNERS
W I S C O N S I N

Visual Inspection Form
For Illegal Connection/Illicit Discharge
WPDES Permit No. WI-S50059-3

Outfall ID	3	
Date of Last Rainfall	0.16" on 11/10/2024	
Date Inspection Performed	11/13/2024	
Name of Inspector	John Mueller, Jason Pietrusiewicz	
Receiving Water	<i>North Root River</i>	
M.H. or Outfall (Circle One)	M.H. <u>Outfall</u>	
Pipe Size	3' x 11'	
Pipe Material (Circle One)	<u>RCP</u> CMP PVC HDPE Steel DI VCP Other	
Color (Circle One)	Clear Yellow Gray Orange Brown Green Red Other	
Turbidity (Circle One)	Clear Slightly Cloudy Cloudy Opaque	
Surface Sheen (Circle One)	None Oil Gasoline Scum Unknown	
Odor (Circle One)	None Oil Decaying Vegetation SO ₂ Fuel Sewage Methane Unknown	
Pipe Active (Circle One)	<u>No</u> Trickle Moderate Substantial	
IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.		
Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Ammonia Level*	< 0.1 mg/L	
Water Temperature	-	°F

* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
Water is present but not flowing.



VILLAGE OF
HALES CORNERS
W I S C O N S I N

Visual Inspection Form
For Illegal Connection/Illicit Discharge
WPDES Permit No. WI-S50059-3

Outfall ID	4	
Date of Last Rainfall	0.16" on 11/10/2024	
Date Inspection Performed	11/13/2024	
Name of Inspector	John Mueller, Jason Pietrusiewicz	
Receiving Water	<i>North Root River</i>	
M.H. or Outfall (Circle One)	<u>M.H.</u> Outfall	
Pipe Size	36"	
Pipe Material (Circle One)	<u>RCP</u> CMP PVC HDPE Steel DI VCP Other	
Color (Circle One)	Clear Yellow Gray Orange Brown Green Red Other	
Turbidity (Circle One)	Clear Slightly Cloudy Cloudy Opaque	
Surface Sheen (Circle One)	None Oil Gasoline Scum Unknown	
Odor (Circle One)	None Oil Decaying Vegetation SO ₂ Fuel Sewage Methane Unknown	
Pipe Active (Circle One)	<u>No</u> Trickle Moderate Substantial	
IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.		
Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Ammonia Level*	< 0.1 mg/L	
Water Temperature	-	°F

* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
Pipe is not active. Could not open manhole.



VILLAGE OF
HALES CORNERS
W I S C O N S I N

Visual Inspection Form
For Illegal Connection/Illicit Discharge
WPDES Permit No. WI-S50059-3

Outfall ID	5	
Date of Last Rainfall	0.16" on 11/10/2024	
Date Inspection Performed	11/13/2024	
Name of Inspector	John Mueller, Jason Pietrusiewicz	
Receiving Water	<i>North Root River</i>	
M.H. or Outfall (Circle One)	M.H. <u>Outfall</u>	
Pipe Size	45"	
Pipe Material (Circle One)	<u>RCP</u> CMP PVC HDPE Steel DI VCP Other	
Color (Circle One)	Clear Yellow Gray Orange Brown Green Red Other	
Turbidity (Circle One)	Clear Slightly Cloudy Cloudy Opaque	
Surface Sheen (Circle One)	None Oil Gasoline Scum Unknown	
Odor (Circle One)	None Oil Decaying Vegetation SO ₂ Fuel Sewage Methane Unknown	
Pipe Active (Circle One)	<u>No</u> Trickle Moderate Substantial	
IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.		
Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Ammonia Level*	< 0.1 mg/L	
Water Temperature	-	°F

* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
Water is present but not flowing. End wall and grate are detached.



VILLAGE OF
HALES CORNERS
W I S C O N S I N

Visual Inspection Form
For Illegal Connection/Illicit Discharge
WPDES Permit No. WI-S50059-3

Outfall ID	6	
Date of Last Rainfall	0.16" on 11/10/2024	
Date Inspection Performed	11/13/2024	
Name of Inspector	John Mueller, Jason Pietrusiewicz	
Receiving Water	<i>North Root River</i>	
M.H. or Outfall (Circle One)	M.H. <u>Outfall</u>	
Pipe Size	36"	
Pipe Material (Circle One)	<u>RCP</u> CMP PVC HDPE Steel DI VCP Other	
Color (Circle One)	Clear Yellow Gray Orange Brown Green Red Other	
Turbidity (Circle One)	Clear Slightly Cloudy Cloudy Opaque	
Surface Sheen (Circle One)	None Oil Gasoline Scum Unknown	
Odor (Circle One)	None Oil Decaying Vegetation SO ₂ Fuel Sewage Methane Unknown	
Pipe Active (Circle One)	<u>No</u> Trickle Moderate Substantial	
IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.		
Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Ammonia Level*	< 0.1 mg/L	
Water Temperature	-	°F

* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
Water is present but not flowing.



VILLAGE OF
HALES CORNERS
W I S C O N S I N

Visual Inspection Form
For Illegal Connection/Illicit Discharge
WPDES Permit No. WI-S50059-3

Outfall ID	6.1
Date of Last Rainfall	0.16" on 11/10/2024
Date Inspection Performed	11/13/2024
Name of Inspector	John Mueller, Jason Pietrusiewicz
Receiving Water	North Root River
M.H. or Outfall (Circle One)	M.H. <u>Outfall</u>
Pipe Size	18"
Pipe Material (Circle One)	RCP CMP PVC HDPE Steel DI VCP Other
Color (Circle One)	Clear Yellow Gray Orange Brown Green Red Other
Turbidity (Circle One)	Clear Slightly Cloudy Cloudy Opaque
Surface Sheen (Circle One)	None Oil Gasoline Scum Unknown
Odor (Circle One)	None Oil Decaying Vegetation SO ₂ Fuel Sewage Methane Unknown
Pipe Active (Circle One)	<u>No</u> Trickle Moderate Substantial
IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.	
Parameter	Expected Range Actual Parameter Reading
pH Level*	6.0 – 9.0
Total Chlorine Level*	< 0.2 mg/L
Total Copper Level*	< 0.1 mg/L
Total Phenol Level*	< 0.5 mg/L
Detergents Level*	< 0.25 mg/L
Ammonia Level*	< 0.1 mg/L
Water Temperature	- °F

* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
Pipe is not active.



VILLAGE OF
HALES CORNERS
W I S C O N S I N

Visual Inspection Form
For Illegal Connection/Illicit Discharge
WPDES Permit No. WI-S50059-3

Outfall ID	7	
Date of Last Rainfall	0.16" on 11/10/2024	
Date Inspection Performed	11/13/2024	
Name of Inspector	John Mueller, Jason Pietrusiewicz	
Receiving Water	North Root River	
M.H. or Outfall (Circle One)	M.H. <u>Outfall</u>	
Pipe Size	24" x 35"	
Pipe Material (Circle One)	RCP Steel <u>CMP</u> PVC DI VCP HDPE Other	
Color (Circle One)	Clear Brown Yellow Green Gray Red Orange Other	
Turbidity (Circle One)	Clear Slightly Cloudy Cloudy Opaque	
Surface Sheen (Circle One)	None Oil Gasoline Scum Unknown	
Odor (Circle One)	None Oil Fuel Sewage Decaying Vegetation Methane SO ₂ Unknown	
Pipe Active (Circle One)	<u>No</u> Trickle Moderate Substantial	
IF FLOW IS OBSERVED, WATER SAMPLING MUST BE CONDUCTED TO DETERMINE IF AN ILLICIT DISCHARGE IS PRESENT.		
Parameter	Expected Range	Actual Parameter Reading
pH Level*	6.0 – 9.0	
Total Chlorine Level*	< 0.2 mg/L	
Total Copper Level*	< 0.1 mg/L	
Total Phenol Level*	< 0.5 mg/L	
Detergents Level*	< 0.25 mg/L	
Ammonia Level*	< 0.1 mg/L	
Water Temperature	-	°F

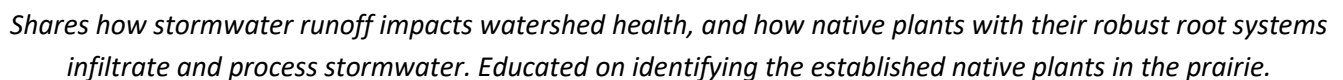
* Expected ranges represent maximum readings as used by the City of Milwaukee in their Illicit Discharge Monitoring Program

NOTES
Water present but not flowing.





The Stormwater Space tent and game is designed to teach, in a few short minutes, all about the stormwater cycle, common pollutants, and how native plants, with their long and robust root systems, work better than turfgrass for improving stormwater infiltration, nutrient processing, and resilient environments. Native plants and educational flyers with information on where to buy more were given out to promote and initiate best management practices.



Village of Hales Corners – 2024 Photo Recap

Valpak Mailer: Grass Clippings and Water Quality – 6/1/2024



Grass Clippings are a Water Pollutant.

Left on roads, sidewalks, and driveways, grass clippings move with rainwater through flooded ditches and down storm drains, where it enters waterbodies untreated. Grass clippings biodegrade into phosphorus and nitrogen, two nutrients that cause aquatic algae to bloom. Once the nutrients are gone, the algae die. This removes oxygen in the water causing "dead zones" that kill fish and other aquatic species. Algae blooms also negatively impact water recreation activities and make freshwater unsafe for human and animal consumption.

PROTECT WATER QUALITY AND SUMMER FUN!

- MOW AWAY FROM ROADS, SIDEWALKS, AND STORM DRAINS.
- SWEEP UP EXCESS GRASS CLIPPINGS.
- USE CLIPPINGS TO FEED LAWNS AND GARDENS INSTEAD OF ALGAE, FOR FREE!

Store-bought chemical fertilizers are made of the same nutrients as grass clippings. Save money and prevent aquatic algae by using clippings on lawns and garden beds as fertilizer. Allow grass to grow between 3 and 5 inches before mowing and cut only the top inch of the blade to trap clippings. This will provide moisture and biodegrading nutrients that support a greener lawn. Learn more scanning the QR code or visiting www.respectourwaters.org/yard-mgmt.

LEARN MORE AT WWW.RESPECTOURWATERS.ORG/YARD-MGMT



Stormwater Library Posters Displayed at the Hales Corners Public Library in July and August 2024



Submittal of Annual Reports and Other Compliance Documents for Municipal Separate Storm Sewer System (MS4) Permits

NOTE: Missing or incomplete fields are highlighted at the bottom of each page. You may save, close and return to your draft permit as often as necessary to complete your application. After 120 days your draft is **deleted**.

Form 3400-224(R8/2021)

Reporting Information :

Will you be completing the Annual Report or other submittal type? ☒ Annual Report ☐ Other

Project Name: 2024 Annual Report

County: Milwaukee

Municipality: Hales Corners, Village

Permit Number: S050059

Facility Number: 31272

Reporting Year: 2024

Is this submittal also satisfying an Urban Nonpoint Source Grant funded deliverable? ☐ Yes ☒ No

Required Attachments and Supplemental Information

Please complete the contents of each tab to submit your MS4 permit compliance document. The information included in this checklist is necessary for a complete submittal. A complete and detailed submittal will help us review about your MS4 permit document. To help us make a decision in the shortest amount of time possible, the following information must be submitted:

Annual Report

- Review related web site and instructions for [Municipal storm water permit eReporting](#) [Exit Form]
- Complete all required fields on the annual report form and upload required attachments
- Attach the following other supporting documents as appropriate using the attachments tab above
 - Public Education and Outreach Annual Report Summary
 - Public Involvement and Participation Annual Report Summary
 - Illicit Discharge Detection and Elimination Annual Report Summary
 - Construction Site Pollution Control Annual Report Summary
 - Post-Construction Storm Water Management Annual Report Summary
 - Pollution Prevention Annual Report Summary
 - Leaf and Yard Waste Management
 - Municipal Facility (BMP) Inspection Report
 - Municipal Property SWPPP
 - Municipally Property Inspection Report
 - Winter Road Maintenance
 - Storm Sewer Map Annual Report Attachment
 - Storm Water Quality Management Annual Report Attachment
 - TMDL Attachment
 - Storm Water Consortium/Group Report

- Municipal Cooperation Attachment
- Other Annual Report Attachment
- Attach the following permit compliance documents as appropriate using the attachments tab above
 - Storm Water Management Program
 - Public Education and Outreach Program
 - Public Involvement and Participation Program
 - Illicit Discharge Detection and Elimination Program
 - Construction Site Pollutant Control Program
 - Post-Construction Storm Water Management Program
 - Pollution Prevention Program
 - Municipal Storm Water Management Facility (BMP) Inventory
 - Municipal Storm Water Management Facility (BMP) Inspection and Maintenance Plan
 - Total Maximum Daily Load documents (**If applicable, see permit for due dates.*)
 - TMDL Mapping*
 - TMDL Modeling*
 - TMDL Implementation Plan*
 - Fecal Coliform Screening Parameter *
 - Fecal Coliform Inventory and Map (*S050075-03 general permittees Appendix B B.5.2 – document due to the department by March 31, 2022*)
 - Fecal Coliform Source Elimination Plan (*S050075-03 general permittees Appendix B - document due to the department by October 31, 2023*)
- Sign and Submit form

Municipal Contact Information- Complete

Notice: Pursuant to s. NR 216.07(8), Wis. Adm. Code, an owner or operator of a Municipal Separate Storm Sewer System (MS4) is required to submit an annual report to the Department of Natural Resources (Department) by March 31 of each year to report on activities for the previous calendar year ("reporting year"). This form is being provided by the Department for the user's convenience for reporting on activities undertaken in each reporting year of the permit term. Personal information collected will be used for administrative purposes and may be provided to the extent required by Wisconsin's Open Records Law [ss. 19.31-19.39, Wis. Stats.].

Note: Compliance items must be submitted using the Attachments tab.

Municipality Information

Name of Municipality Hales Corners, Village

Facility ID # or (FIN): 31272

Updated Information:

☐ Check to update mailing address information

Mailing Address: 5635 S. New Berlin Road

Mailing Address 2:

City: Hales Corners, Village

State: WI

Zip Code:

53130

xxxxx or xxxxx-xxxx

Primary Municipal Contact Person (Authorized Representative for MS4 Permit)

The "Authorized Representative" or "Authorized Municipal Contact" includes the municipal official that was charged with compliance and oversight of the permit conditions, and has signature authority for submitting permit documents to the Department (i.e., Mayor, Municipal Administrator, Director of Public Works, City Engineer).

☐ Select to **create new** primary contact

First Name: Steven

Last Name: Houte

☐ Select to **update** current contact information

Title: DPW Project Manager

Mailing Address: 5635 S. New Berlin Rd.

Mailing Address 2:

City: Hales Corners

State: WI

Zip Code: 53130

xxxxx or xxxxx-xxxx

Phone Number: 414-529-6165

Ext:

xxx-xxx-xxxx

Email: shoute@halescorners.org

Additional Contacts Information (Optional)

☐ I&E Program

☐ IDDE Program

☐ IDDE Response Procedure Manual

**Individual with responsibility for:
(Check all that apply)**

- ☐ Municipal-wide Water Quality Plan
- ☐ Ordinances
- ☐ Pollution Prevention Program
- ☐ Post-Construction Program
- ☐ Winter roadway maintenance

First Name:

Last Name:

Title:

Mailing Address:

Mailing Address 2:

City:

State:

Zip Code:

 xxxxx or xxxxx-xxxx

Phone Number:

 Ext: xxx-xxx-xxxx

Email:

**Individual with responsibility for:
(Check all that apply)**

- ☐ I&E Program
- ☐ IDDE Program
- ☐ IDDE Response Procedure Manual
- ☐ Municipal-wide Water Quality Plan
- ☐ Ordinances
- ☐ Pollution Prevention Program
- ☐ Post-Construction Program
- ☐ Winter roadway maintenance

First Name:

Last Name:

Title:

Mailing Address:

Mailing Address 2:

City:

State:

Zip Code:

 xxxxx or xxxxx-xxxx

Phone Number:

 Ext: xxx-xxx-xxxx

Email:

Municipal Billing Contact Person (Authorized Representative for MS4 Permit)

☒ Select to **create new** Billing contact

First Name:	Steven		
Last Name:	Houte		
☒ Select to <i>update</i> current contact information			
Title:			
Mailing Address:	5635 S. New Berlin Rd.		
Mailing Address 2:			
City:	Hales Corners		
State:	WI		
Zip Code:	53130	xxxxx or xxxxx-xxxx	
Phone Number:	414-529-6165	Ext:	xxx-xxx-xxxx
Email:	shoute@halescorners.org		

1. Does the municipality rely on another entity to satisfy some of the permit requirements?

☒ Yes ☐ No

☒ Public Education and Outreach Root Pike Win - Respect Our Waters

☒ Public Involvement and Participation Root Pike Win - Respect Our Waters

☒ Illicit Discharge Detection and Elimination raSmith

☐ Construction Site Pollutant Control _____

☐ Post-Construction Storm Water Management _____

☐ Pollution Prevention

2. Has there been any changes to the municipality's participation in group efforts towards permit compliances (i.e., the municipality has added or dropped consortium membership)?

☐ Yes ☒ No

Minimum Control Measures- Section 1 : Complete**1. Public Education and Outreach**

- a. Does MS4 conduct any educational efforts or events independently (not with a group) ☐ Yes
☒ No
- b. How many total educational events were held during the reporting year:
- c. Were any of the public education and outreach delivery mechanisms conducted during the reporting year active or interactive? ☒ Yes ☐ No
- d. Please select all storm water topics, target audiences, and delivery mechanisms used in the reporting year

Public Education and Outreach Delivery Mechanisms (Active and Passive)	
Active/Interactive Mechanisms	Passive Mechanisms
☒ Education activities (school presentations, summer camps) ☒ Information booth at event ☒ Targeted group training (contractors, consultants, etc.) ☐ Government event (public hearing, council meeting) ☐ Workshops ☐ Tours ☐ Other:	☒ Passive print media (brochures at front desk, posters, etc.) ☒ Distribution of print media (mailings, newsletters, etc.) via mail or email. ☒ Media offerings (radio and TV ads, press release, etc.) ☒ Social media posts ☒ Signage ☒ Website ☐ Other:

Topics Covered	Target Audience
☒ Illicit discharge detection and elimination ☒ Household hazardous waste disposal/pet waste management/vehicle washing ☒ Yard waste management/pesticide and fertilizer application ☒ Stream and shoreline management ☒ Residential infiltration ☒ Construction sites and post-construction storm water management ☒ Pollution prevention ☒ Green infrastructure/low impact development ☐ Other:	☒ General Public ☒ Public Employees ☒ Residents ☒ Businesses ☒ Contractors ☒ Developers ☒ Industries ☒ Public Officials ☐ Other:

- e. Will additional information/summary of these education events be attached to the annual report?
☒ Yes ☐ No

If no, please provide additional comment in the brief explanation box below. *Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Minimum Control Measures - Section 2 : Complete**2. Public Involvement and Participation**

a. Permit Activities. Select all of the following topics the Permittee did to engage public participation and involvement.

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
☐ MS4 Annual Report ☒ Storm Water Management Program ☐ Storm Water related ordinance ☐ Other: 	☒ General Public ☐ Public Employees ☐ Residents ☐ Businesses ☐ Contractors ☐ Developers ☐ Industries ☐ Public Officials ☐ Other	101 +	☒ Yes ☐ No

b. Volunteer Activities. Select all of the following audiences targeted for volunteer involvement and participation related to storm water.

☐ NA (Individual Permittee)

Topics Covered	Target Audience	Estimated People Reached (Optional)	Regional Effort (Optional)
Volunteer Opportunity	☒ General Public ☒ Public Employees ☒ Residents ☐ Businesses ☒ Contractors ☐ Developers ☐ Industries ☐ Public Officials ☐ Other	101 +	☒ Yes ☐ No

c. Brief explanation on Public Involvement and Participation reporting. *Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Executed by Root Pike Win's Resect Our Waters Program. Please contact the program manager with questions laura@rootpikewin.org

Minimum Control Measures - Section 3 : Complete**3. Illicit Discharge Detection and Elimination**

- a. How many total outfalls does the municipality have?
- b. How many major outfalls does the municipality have?
- c.

7
7

- How many outfalls did the municipality evaluate as part of their routine ongoing field screening program?
- d. From the municipality's routine screening, how many were confirmed illicit discharges?
- e. How many illicit discharge complaints did the municipality receive?
- f. From the complaints received, how many were confirmed illicit discharges?
- g. How many of the identified illicit discharges did the municipality eliminate in the reporting year (from both routine screening and complaints)?

(If the sum of 3.c. and 3.e. does not equal 3.f., please explain below.)

- h. What types of regulatory mechanisms does the municipality have available to compel compliance with this program? Check all that are available and how many times each were used in the reporting year.

- | | |
|---|--------------------------------|
| ☒ Verbal Warning | <input type="text" value="0"/> |
| ☒ Written Warning (including email) | <input type="text" value="0"/> |
| ☒ Notice of Violation | <input type="text" value="0"/> |
| ☒ Civil Penalty/ Citation | <input type="text" value="0"/> |

Additional Information: _____

- i. Brief explanation on Illicit Discharge Detection and Elimination reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Form 3400-224 (R8/2021)

Minimum Control Measures - Section 4 : Complete

4. Construction Site Pollutant Control

- a. How many total construction sites with one acre or more of land disturbing construction activity were active at any point in the reporting year?
- b. How many construction sites with one acre or more of land disturbing construction activity did the municipality issue permits for in the reporting year?
- c. How many erosion control inspections did the municipality complete in the reporting year (at sites with one acre or more of land disturbing construction activity)?
- d. What types of regulatory mechanisms does the municipality have available to compel compliance with this program? Check all that are available and how many times each were used in the reporting year.
- | | |
|--|--------------------------------|
| ☒ Verbal Warning | <input type="text" value="0"/> |
|--|--------------------------------|

☒ Written Warning (including email)	0
☒ Notice of Violation	0
☒ Civil Penalty/ Citation	0
☒ Stop Work Order	0
☒ Forfeiture of Deposit	0
☐ Other - Describe below	

e. Brief explanation on Construction Site Pollutant Control reporting . *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Form 3400-224 (R8/2021)

Minimum Control Measures - Section 5 : Complete

5. Post-Construction Storm Water Management

a. How many new structural storm water management Best Management Practice (BMP) have received local approval ?

*Engineered and constructed systems that are designed to provide storm water quality control such as wet detention ponds, constructed wetlands, infiltration basins, grassed swales, permeable pavement,

b. Does the MS4 have procedures for inspecting and maintaining private storm water facilities? ☒ Yes ☐ No

c. If Yes, how many privately owned storm water management facilities were inspected in the reporting year ? Inspections completed by private landowners should be included in the reported number.

d. Does the municipality utilize privately owned storm water management BMP in its pollutant reduction analysis? ☐ Yes ☒ No

e. Does MS4 have maintenance authority on these privately owned BMPs? ☒ Yes ☐ No

f. What types of enforcement actions does the municipality have available to compel compliance with the regulatory mechanism? Check all that apply and enter the number of each used in the reporting year.

☒ Verbal Warning	0
☒ Written Warning (including email)	0
☒ Notice of Violation	0
☒ Civil Penalty/ Citation	0
☐ Forfeiture of Deposit	
☐ Complete Maintenance	

- ☐ Bill Responsible Party
- ☐ Other - Describe below

- g. Brief explanation on Post-Construction Storm Water Management reporting. *If marked 'Unsure' on any questions above, justify your reasoning. Limit your response to 250 characters and/or attach supplemental information on the attachments page.*

Form 3400-224 (R8/2021)

Minimum Control Measures - Section 6 : Complete

6. Pollution Prevention

Storm Water Management Best Management Practice Inspections ☐ Not Applicable

- a. Enter the total number of "municipally owned" (i.e., publicly owned BMPs) or operated (i.e., privately owned BMPs) structural storm water management best management practices.
- b. How many new municipally owned storm water management best management practices were installed in the reporting year?
- c. How many municipally owned (public) storm water management best management practices were inspected in the reporting year?
- d. What elements are looked at during inspections (250 character limit)?
- e. How many of these facilities required maintenance?
- f. Brief explanation on Storm Water Management Best Management Practice inspection reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Public Works Yards & Other Municipally Owned Properties that require a stormwater pollution prevention plan (SWPPP)* ☐ Not Applicable

- g. How many municipal properties require a SWPPP?
- h. How many inspections of municipal properties have been conducted in the reporting year?
- i. Have amendments to the SWPPPs been made?
☐ Yes ☒ No
- j. If yes, describe what changes have been made. Limit response to 250 characters and/or attach supplemental information on the attachment page:
- k. Brief explanation on Storm Water Pollution Prevention Plan reporting. *If you marked*

Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.

* Any municipally owned property that has the potential to generate stormwater pollution should have a SWPPP. For example, if a municipal property stores compost piles, material storage, yard wastes, etc., outside and can contaminate stormwater runoff—a SWPPP is required.

Collection Services - *Street Sweeping Program* ☐ Not Applicable

- l. Did the municipality conduct street sweeping during the reporting year?
☒ Yes ☐ No
- m. If known, how many tons of material was removed?
- n. Does the municipality have a [low hazard exemption](#) for this material? ☐ Yes ☒ No
- o. If street sweeping is identified as a storm water best management practice in the pollutant loading analysis, was street cleaning completed at the assumed frequency?
☐ Yes - Explain frequency _____
☐ No - Explain _____
☒ Not Applicable

Collection Services - *Catch Basin Sump Cleaning Program* ☐ Not Applicable

- p. Did the municipality conduct catch basin sump cleaning during the reporting year? ☒ Yes ☐ No
- q. How many catch basin sumps were cleaned in the reporting year?
- r. If known, how many tons of material was collected?
- s. Does the municipality have a low hazard exemption for this material? ☐ Yes ☒ No
- t. If catch basin sump cleaning is identified as a storm water best management practice in the pollutant loading analysis, was cleaning completed at the assumed frequency?
☐ Yes- Explain frequency _____
☐ No - Explain _____
☒ Not Applicable

Collection Services - *Leaf Collection Program* ☐ Not Applicable

- u. Does the municipality conduct curbside leaf collection? ☒ Yes ☐ No
- v. Does the municipality notify homeowners about pickup? ☒ Yes ☐ No
- w. Where are the residents directed to store the leaves for collection?
☐ Pile on terrace ☐ Pile in street ☒ Bags on terrace
☐ Other - Describe _____
- x. What is the frequency of collection?
14 times throughout the year

y. Is collection followed by street sweeping? ☐ Yes ☒ No

z. Brief explanation on Collection Services reporting. *Limit response to 250 characters and/or attach supplemental information on the attachments page*

Winter Road Management ☐ Not Applicable

*Note: We are requesting information that goes beyond the reporting year, answer the best you can.

aa. How many lane-miles of roadway is the municipality responsible for doing snow and ice control? (One mile of a two-way road equals two lane miles.)

ab. Provide amount of de-icing products used by month last winter season?
Solids (tons) (ex. sand, or salt-sand)

Product	Oct	Nov	Dec	Jan	Feb	Mar
<u>Salt</u>	0	20	75	92	136	0

Liquids (gallons) (ex. brine)

	Oct	Nov	Dec	Jan	Feb	Mar
<u>Chem-melt</u>	0	0	0	421	475	0

ac. Was salt applying machinery calibrated in the reporting year? ☒ Yes ☐ No

ad. Have municipal personnel attended salt reduction strategy training in the reporting year? ☐ Yes ☒ No

Training Date	Training Name	# Attendance

ae. Brief explanation on Winter Road Management reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page*

Internal (Staff) Education & Communication

af. Has the municipality provided an opportunity for internal training or education to staff implementing the municipality's procedures for each of the pollution prevention program element ? ☐ Yes ☒ No

If yes, describe what training was provided (250 character limit):

ag. Describe how the municipality has kept the following local officials and municipal staff aware of the municipal storm water discharge permit programs, procedures and pollution prevention program requirements.

Elected Officials

Memos & Meetings

Municipal Officials

Memos & Meetings

Appropriate Staff (such as operators, Department heads, and those that interact with public)

Memos & Meetings

- ah. Brief explanation on Internal Education reporting. *If you marked Unsure for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Form 3400-224 (R8/2021)

Minimum Control Measures - Section 7 : Complete

7. Storm Sewer System Map

- a. Did the municipality update their storm sewer map this year?

☒ Yes ☐ No

If yes, check the areas the map items that got updated or changed:

☐ Storm water treatment facilities

☐ Storm pipes

☐ Vegetated swales

☐ Outfalls

☒ Other - Describe below

Identified ditch low flow underdrains.

- b. Brief explanation on Storm Sewer System Map reporting. *If you marked Unsure for an question for any questions above, justify the reasoning. Limit response to 250 characters and/or attach supplemental information on the attachments page.*

Final Evaluation - Complete**Fiscal Analysis**

Complete the fiscal analysis table provided below. For municipalities that do not break out funding into permit program elements, please enter the monetary amount to your best estimate of what funding may be going towards these programs.

Annual Expenditure Reporting Year	Budget Reporting Year	Budget Upcoming Year	Source of Funds
---	---------------------------------	--------------------------------	------------------------

Element: Public Education and Outreach

2385	2400	2400	<u>Storm water utility</u>
------	------	------	----------------------------

Element: Public Involvement and Participation

2024	1500	1500	<u>Storm water utility</u>
------	------	------	----------------------------

Element: Illicit Discharge Detection and Elimination

3200	4200	4200	<u>Storm water utility</u>
------	------	------	----------------------------

Element: Construction Site Pollutant Control

1500	1500	1500	<u>General revenue fund</u>
------	------	------	-----------------------------

Element: Post-Construction Storm Water Management

1500	1500	1500	<u>General revenue fund</u>
------	------	------	-----------------------------

Element: Pollution Prevention

3793	10300	10000	<u>Storm water utility</u>
------	-------	-------	----------------------------

Other (describe)

--

			<u>Select...</u>
--	--	--	------------------

Please provide a justification for a "0" entered in the Fiscal Analysis. *Limit response to 250 characters.*

--

Water Quality

a: Were there any known water quality improvements in the receiving waters to which the municipality's storm sewer system directly discharges to?

☐ Yes ☒ No ☐ Unsure If Yes, explain below:

b: Were there any known water quality degradation in the receiving waters to which the municipality's storm sewer system directly discharges to?

☐ Yes ☒ No ☐ Unsure If Yes, explain below:

c: Have any of the receiving waters that the municipality discharges to been added to the impaired waters list during the reporting year?

☐ Yes ☒ No ☐ Unsure

d: Has the municipality evaluated their storm water practices to reduce the pollutants of concern?

☒ Yes ☐ No ☐ Unsure

Storm Water Quality Management

a. Has the municipality completed or updated modeling in the reporting year (relating to developed urban area performance standards of s. NR 151.13(2)(b)1., Wis. Adm. Code)? ☐ Yes ☒ No

b. If yes, enter percent reduction in the annual average mass discharging from the entire MS4 to surface waters of the state as compared to implementing no storm water management controls:

Total suspended solids (TSS)

Total phosphorus (TP)

Additional Information

Based on the municipality's storm water program evaluation, describe any proposed changes to the municipality's storm water program. *If your response exceeds the 250 character limit, attach supplemental information on the attachments page.*

Requests for Assistance on Understanding Permit Programs

Would the municipality like the Department to contact them about providing more information on understanding any of the Municipal Separate Storm Sewer Permit programs?

Please select all that apply:

- ☐ Public Education and Outreach
- ☐ Public Involvement and Participation
- ☐ Illicit Discharge Detection and Elimination
- ☐ Construction Site Pollutant Control
- ☐ Post-Construction Storm Water Management
- ☐ Pollution Prevention
- ☐ Storm Water Quality Management
- ☐ Storm Sewer System Map
- ☐ Water Quality Concerns
- ☐ Compliance Schedule Items Due
- ☐ MS4 Program Evaluation

Required Attachments and Supplemental Information

Any other MS4 program information for inclusion in the Annual Report may be attached on here. Use the Add Additional Attachments to add multiple documents.

Upload Required Attachments (15 MB per file limit) - [Help reduce file size and trouble shoot file uploads](#)

***Required Item**

Note: To replace an existing file, use the 'Click here to attach file ' link or press the to delete an item.

Storm Sewer System Map

 File Attachment

[Storm Map Book 01.23.2017.pdf](#)

Attach - Other Supporting Documents

AR EO

 File Attachment

[2024 Photo Recap - Hales Corners.pdf](#)

(To remove items, use your cursor to hover over the attachment section. When the drop down arrow appears, select remove item)

Attach - Permit Compliance Documents

IDDE Program

 File Attachment

[2024 IDDE Results Memo.pdf](#)

(To remove items, use your cursor to hover over the attachment section. When the drop down arrow appears, select remove item)

Sign and Submit Your Application

Steps to Complete the signature process

- 1. Read and Accept the Terms and Conditions
- 2. Press the Submit and Send to the DNR button

NOTE: For security purposes all email correspondence will be sent to the address you used when registering your WAMS ID. This may be a different email than that provided in the application. For information on your WAMS account click [HERE](#).

Terms and Conditions

Certification: I hereby certify that I am an authorized representative of the municipality covered under Hales Corners, Village MS4 Permit for which this annual report or other compliance document is being submitted, and that the information contained in this submittal and all attachments were gathered and prepared under my direction or supervision. Based on my inquiry of the person or persons under my direction or supervision involved in the preparation of this document, to the best of my knowledge, the information is true, accurate, and complete. I further certify that the municipality’s governing body or delegated representatives have reviewed or been apprised of the contents of this annual report. I understand that Wisconsin law provides severe penalties for submitting false information.

Signee (must check current role prior to accepting terms and conditions)

- ☒ Authorized municipal contact using WAMS ID.
- ☐ Delegation of Signature Authority (Form 3400-220) for agent signing on the behalf of the authorized municipal contact.
- ☐ Agent seeking to share this item with authorized municipal contact (authorized municipal contact must get WAMS id and complete signature).

Name:	Steven R Houte
Title:	DPW Project Manager

Authorized Signature.

☒ I accept the above terms and conditions.

Signed by : i:0#.f|wamsmembership|birddog00 on 2025-03-17T09:45:08
You have already signed and submitted this application to the DNR. Please [contact the Wisconsin DNR](#) for assistance.

After providing the final authorized signature, the system will send an email to the authorized party and any agents. This email will include a copy to the final read only version of this application.



CREATIVITY BEYOND ENGINEERING

R.A. Smith, Inc.
16745 W. Bluemound Road
Brookfield, WI 53005-5938
(262) 781-1000 | rasmith.com

March 7, 2025

Steve Houte
Public Works Project Manager
Village of Hales Corners
5635 S. New Berlin Rd.
Hales Corners, WI 53130

Re: 2025 Dye Water Testing Project Award Recommendation

Dear Steve Houte:

I have reviewed the bids for the above referenced project that were opened at 1:00 p.m. on March 6, 2025. A summary of the bids are as follows (also enclosed is a detailed bid summary):

<u>Bidder</u>	<u>Bid</u>
Visu-Sewer	\$61,885.00
Aqualis	\$109,300.20

Our engineer's estimate for construction was \$87,280. We believe that the price from Visu-Sewer is reasonable and was submitted competitively and in good faith. This bid included traffic control, sanitary lateral televising, and dye water testing of sanitary sewer in the project area. The project area borders are loosely W Edgerton Ave to the North, W Forest Home Ave to the East, S 104th St to the West, and W. Ridge Rd to the South.

Therefore, we recommend that the Village of Hales Corners award the project to the lowest responsive, responsible bidder, Visu-Sewer in the amount of \$61,885.00.

Please feel free to call me if you have any questions or comments regarding the above.

Sincerely,
raSmith, Inc

Benjamin High, P.E.
Senior Project Manager
Enclosure

2025 Hales Corners Dye Water Testing Project (#9539283)
Owner: Village of Hales Corners
raSmith Project Number: 2253000
Bid Opening: 03/06/2025 01:00 PM CST

				Engineer Estimate		Visu-Sewer		AQUALIS	
Bid Item	Item Description	UoM	Quantity	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
1	Traffic Control	LS	1	\$8,100.00	\$8,100.00	\$1,000.00	\$1,000.00	\$2,350.00	\$2,350.00
2	Lateral Televising	EA	40	\$750.00	\$30,000.00	\$600.00	\$24,000.00	\$350.00	\$14,000.00
3	Clean & Televiser Sanitary Sewer w/ Ditch & Culvert Dye Water Testing	LF	9836	\$5.00	\$49,180.00	\$3.75	\$36,885.00	\$9.45	\$92,950.20
	Bid Total				\$87,280.00		\$61,885.00		\$109,300.20