

**FORM EQP 5111 ATTACHMENT TEMPLATE A5
INSPECTION REQUIREMENTS**

This document is an attachment to the Michigan Department of Environmental Quality's *Instructions for Completing Form EQP 5111, Operating License Application Form for Hazardous Waste Treatment, Storage, and Disposal Facilities*. See Form EQP 5111 for details on how to use this attachment.

The administrative rules promulgated pursuant to Part 111, Hazardous Waste Management, of Michigan's Natural Resources and Environmental Protection Act, 1994 PA 451, as amended (Act 451), being R 299.9504, R 299.9508, R 299.9605 and Title 40 of the Code of Federal Regulations (CFR) §§264.15 and 270.14(b)(5), establish requirements for inspections at hazardous waste management facilities. All references to 40 CFR citations specified herein are adopted by reference in R 299.11003

This license application template addresses requirements for inspections at the following hazardous waste management facility: Wayne Disposal, Inc. in Belleville, Michigan.
(Check as appropriate)

- ☒ Applicant for Operating License for Existing Facility
- ☒ Applicant for Operating License for New, Altered, Enlarged, or Expanded Facility

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Forms

Operations Inspection Report
Weekly and After Storm Inspection
Quarterly / Annual Post-Closure Checklist (See Attachment A11)
Weekly Leachate Collection System Inspection Form (See Attachment B5.H))
Weekly Leak Detection, Collection and Removal Inspection Form (See Attachment B5.D)
Stormwater Management System Inspection
Subpart CC Level 2 Container Control Inspection

INTRODUCTION

A5.A WRITTEN SCHEDULE

[R 299.9605 and 40 CFR §264.15(b)(1)]

Inspection Categories:

The Operator has developed, and the Inspector follows a written schedule for inspecting:

1. Monitoring equipment
2. Safety and emergency equipment
3. Security devices, and
4. Operating and structural equipment important to preventing, detecting, or responding to environmental or human health hazards.

The inspection schedule is kept at the facility. The inspections are to be conducted at the times indicated below:

1. Annual
2. Quarterly
3. Weekly
4. Daily - Each day the facility is handling hazardous waste.
5. After Storm - Within 24 hours following 0.5" precipitation.

A5.A.1 Types of Problems

[R 299.9605 and 40 CFR §264.15(b)(3)]

Leachate Collection System and Leak Detection Collection and Removal System

Are inspected for equipment deterioration/malfunction, including inoperative pumps, leaking, and other issues important to preventing, detecting, or responding to environmental or human health hazards.

Container Storage Area

Container storage area is inspected for leaking containers and for deterioration of containers.

Emergency Equipment

Are inspected to ensure proper operation in the event of an emergency.

Stormwater Controls

Storm water structural controls and inspected weekly and-or after a storm event. Containment berms are inspected for damage and wear that could result in failure to contain runoff either due to leakage, permeation, spillage over, or slope failure.

A comprehensive stormwater control inspection evaluates the condition of manholes, culvert inlet, critical curbing, sediment levels, and catch basins, culverts, pump discharge pipes, diversion berms, ditches, target elevation markings, lined pond liner condition and the sidewalls of the sedimentation basins.

The system is inspected to identify unacceptable conditions using a form that has instructions for identifying unacceptable conditions and documenting corrective actions.

A5.A.2 Frequency of Inspection

[R 299.9605 and 40 CFR §§264.15(b)(4), 264.174, 264.193, 264.195, 264.226, 264.254, 264.278, 264.303, 264.347, 264.602, 264.1033, 264.1052, 264.1053, 264.1058, and 264.1083 through 264.1089, where applicable]

The frequency of inspection is based on the rate of possible deterioration of the equipment and the probability of an environmental or human health incident if the deterioration, malfunction, or any operator error goes undetected between inspections.

Container Storage Areas

In accordance with the requirements set forth in 40 CFR 264.174, 264.1086 containers will be inspected weekly. On days when containers are added to or removed from a storage area and/or that the truck dock is used, that storage area and/or truck dock area will be inspected daily in accordance with 40 CFR 264.15(b)(4). The following will be inspected:

- ◆ Integrity/closure of the containers
- ◆ Evidence of a release
- ◆ Containment base is free of cracks or gaps
- ◆ Liquids have been removed from the containment system within 24 hours of detection and solids have been removed within 60 days of detection.
- ◆ Hazardous waste containers with >500ppm VOC requiring Level 1 Subpart CC controls will receive a visual inspection of its cover and closure devices to check for defects when WDI takes possession of the container and places it into storage. This is consistent with the container inspection WDI performs on all containers received.
- ◆ Hazardous waste containers with >500ppm VOC requiring Level 2 Subpart CC controls will receive a visual inspection of its cover and closure devices to check for leaks utilizing 40 CFR Part 60, Appendix A, Method 21 when WDI takes possession of the container and places it into storage.

Landfill

During the active operation of the landfill, it must be inspected weekly and after storms to detect evidence of any deterioration, malfunctions or improper operation of run-on and run-off control systems and ensure proper functioning of wind dispersal control systems;

Leachate Collection System

The leachate collection system is inspected weekly to ensure it is operated and maintained to ensure leachate depth over the liner does not exceed 30 cm. (one foot).

Leak Detection Collection and Removal System

Record the amount of liquids removed from each leak detection system sump at least once a week during the active life and closure period.

After the final cover is installed, the amount of liquids removed from each leak detection sump must be recorded at least monthly. If the liquid level in the sump stays below the pump operating level for two consecutive months, the amount of liquids in the sumps must be recorded at least quarterly. If the liquid level in the sump stays below the pump operating level for two consecutive quarters, the amount of liquids in the sumps must be recorded at least semiannually. If at any time during the post-closure operating period the pump operating level is exceeded at units on quarterly or semiannual recording schedules, the owner or operator must return to monthly recording of amounts of liquids removed from each sump until the level again stays below the pump operating level for two consecutive months.

Emergency Equipment

In accordance with the requirements set forth in 40 CFR 264.33 emergency equipment will be inspected monthly as follows:

- ◆ Fire extinguishing equipment

- Completed and documented in accordance with MIOSHA inspection requirements found in R 408.10835.
- ◆ Spill control equipment
 - Present in sufficient quantities
- ◆ Decontamination Equipment
 - Operational

Post-closure monitoring

Post closure cap inspection monitoring will be performed quarterly.

Stormwater Controls

The need for an after storm is verified each day waste is received using an onsite rain gauge which is used to confirm precipitation volumes are greater than 0.5 inches. In the absence of the rain gauge the Willow Run Airport weather station data can be utilized.

The comprehensive stormwater control inspection evaluates control structures on a frequency specified in the Storm Water Management System Inspection form.

A5.B REMEDY SCHEDULE

[R 299.9605 and 40 CFR §264.15(c)]

Inspection Response and Corrective Action:

The Operator remedies any deterioration or malfunction of equipment or structures that the inspection reveals on a schedule which ensures that the problem does not lead to an environmental or human health hazard. Where a hazard is imminent, or has already occurred, remedial action is taken immediately.

If an unacceptable condition is detected, the Inspector reports it to the facility manager in charge at that time. The facility manager assigns responsibility for corrective action and a deadline by which corrective action has to be taken on the condition.

A5.C INSPECTION LOG OR SUMMARY

[R 299.9605 and 40 CFR §264.15(d)]

Inspection Records:

The Inspector records inspections in an Inspection Log or Summary by compiling all completed Inspection Report forms into a binder kept on-site. These records are kept for at least three years from the date of inspection. These records, at a minimum, include the date and time of the inspection, the name of the inspector, a notation of the observations made, and the date and nature of any repairs or other remedial actions.

The following Inspection Report Forms are utilized:

1. Operations Inspection Report
2. Weekly and After Storm Inspection
3. Quarterly / Annual Post-Closure Checklist (See Attachment A11)
4. Weekly Leachate Collection System Inspection Form (See Attachment B5.H))
5. Weekly Leak Detection, Collection and Removal Inspection Form (See Attachment B5.D)
6. Stormwater Management System Inspection
7. Subpart CC Level 2 Container Control Inspection

WAYNE DISPOSAL, INC. SITE #2
ACTIVE HAZARDOUS WASTE LANDFILL OPERATIONS
INSPECTION REPORT

Description	Yes	No*	If "No" is checked, state required corrective action	Completed Yes/No
Daily				
Daily cover properly applied to new waste at end of work day and to previously covered areas where re-cover necessary due to weathering? Integrity of daily cover acceptable in all areas? ¹				
No spilled or tracked waste in area around transfer station? ²				
Is the Wheel Wash Operational?				
Is the Sweeper or Water Truck operational?				
Wind speed monitoring equipment is on and properly functioning?				
Wind Speed Monitoring Equipment Downtime Log is up to date?				
Wind speed sensor is no more than 10 ft below the elevation at which waste is currently being placed in the landfill, is located on the southwest slope of Master Cell VI, and is approximately vertical?				
Weekly				
Containers are not damaged or deteriorating. No leaks or spills present.				
Perimeter fence, gates and locks intact and secure? ³				
Monthly				
Is the South Sedimentation Basin gate valve operational?				
Is the Landfill Fire Extinguisher present and charged?				
Quarterly				
Is there sufficient spill absorbent materials available on site				

Operating date: _____

Inspector: _____

Time: _____

¹Daily cover is ConCover or 6 inches of soil. ConCover application in accordance with manufacturer's specification and of sufficient thickness and coverage to control dust emissions. New waste covered at end of each day. Previously covered waste that is becoming exposed due to weathering of cover material must be re-covered to required specification.

²Inspect for proper housekeeping around the truck transfer area (sweeping and shoveling of any waste material that may have fallen from truck bed onto the ground surface).

³Performed daily when secondary gates are used. Inspect for vandalism, deterioration, or damage that could result in unauthorized entry to the active disposal area. Verify gates are locked.

WAYNE DISPOSAL, INC. SITE #2
ACTIVE HAZARDOUS WASTE LANDFILL OPERATIONS
WEEKLY AND AFTER-STORM INSPECTION REPORT

Description	Yes	No	If "No", Explain. State Corrective Action.
Is this a WEEKLY inspection?			If yes, complete ENTIRE FORM
Is this an AFTER-STORM inspection?			If yes, complete ONLY Sections B & C
A. Leak Detection, Collection, and Removal System			Section A Inspected By: _____ Date: _____
Sump riser caps present and properly seated?			
Condition of sump risers acceptable?			
No evidence of tampering?			
Is the top of the riser and sample port protected from direct contact with waste?			
Motor controller condition acceptable? Protected from weathering?			
B. Storm Water Structural Controls			Section B Inspected By: _____ Date: _____
Contact water pumps and pump controls are properly functioning?			
Contact water is contained in the cell by separator berms and condition of berms is acceptable?			
C. Dike and Interim Cover Systems			Section C Inspected By: _____ Date: _____
Interim cover free of signs of erosion which could leave waste exposed?			
Is the interim cover surface free of signs of stressed vegetation?			
Condition of perimeter dike acceptable? Able to prevent run-on into cell and runoff out of cell?			
Is the perimeter free of signs of waste outside of the active cell?			
Is the visual boundary around the active cell intact?			

Specify Type of Inspection

Check yes for the appropriate type of inspection (i.e. a weekly or an after-storm inspection).

A. Leak Detection, Collection, and Removal System

Caps required at all times to prevent contaminants from entering the sumps. Check that caps are present and properly seated.

Inspect aboveground exterior of sump risers for damage, buckling and deterioration.

Note if there is any evidence of tampering that could introduce contamination into the sump.

Waste must not be in contact with the sample port or in the vicinity of the riser opening.

If present, the pump control box must be closed and protected from weathering. If not in use the controller should be moved indoors.

B. Storm Water Structural Controls

Inspect containment berms for damage and wear that could result in failure to contain runoff either due to leakage, permeation, spillage over, or slope failure. Immediately report to the Landfill Manager (or designee) erosion, soil displacement, equipment-induced damage, cracks, wet soil during dry weather, etc.

C. Dike and Interim Cover Systems

Inspect interim cover soil for erosion which could lead to waste exposure.

Inspect interim cover soil for signs of stressed vegetation. Immediately notify the landfill manager (or designee) of any areas of stressed vegetation for further evaluation.

Inspect the perimeter dike for erosion and vehicle/equipment damage that could weaken the dike and/or allow runoff into the cell or runoff out of the cell. Report any exposed geosynthetics. Report tire rutting which may have damaged underlying geosynthetics.

Inspect the perimeter of the active cell for debris that has blown outside of containment. Collect immediately and return to landfill.

Verify visual boundary around the active cell is intact.

WAYNE DISPOSAL, INC. STORM WATER MANAGEMENT SYSTEM INSPECTION FORM

Inspection Frequency	Inspection Item ¹	Acceptable?		Date Inspected	Signature of Inspector
		Yes	No ³		
FIGURE 1					
Annually	L1R - Catch Basin				
Annually	L2R - Catch Basin				
Annually	L3R - Catch Basin				
Annually	L4R - Manhole				
Annually	L5 - Catch Basin				
Annually	L6 - Catch Basin				
Annually	L7 - Catch Basin				
Annually	L8 - Catch Basin				
Annually	L9 - Catch Basin				
Annually	L9.5 - Manhole				
Annually	L10 - Catch Basin				
Annually	L11 - Catch Basin				
Annually	L12 - Catch Basin				
Annually	L13 - Catch Basin				
Annually	L14 - Manhole				
Annually	L15 - Catch Basin				
Annually	L16 - Catch Basin				
Annually	L17 - Catch Basin				
Annually	L18 - Catch Basin				
Annually	L18.5 - Catch Basin				
Annually	L19 - Catch Basin				
Annually	L20 - Catch Basin				
Annually	L21 - Catch Basin				
Annually	L22 - Catch Basin				
Annually	L23 - Catch Basin				
Annually	L24 - Catch Basin				
Annually	L25 - Catch Basin				
Annually	L26 - Catch Basin				
Annually	L27 - Manhole				
Annually	L28 - Catch Basin				
Annually	L28.5 - Manhole				
Annually	L29 - Catch Basin				
Annually	L30 - Catch Basin				
Annually	L31 - Catch Basin				
Annually	L32 - Catch Basin				
Annually	L33 - Catch Basin				
Annually	L34 - Catch Basin				
Annually	L35 - Manhole				
Annually	L36 - Manhole				
Annually	L37 - Manhole				
Annually	L38 - Manhole				
Annually	L39 - Manhole				

WAYNE DISPOSAL, INC. STORM WATER MANAGEMENT SYSTEM INSPECTION FORM

Inspection Frequency	Inspection Item ¹	Acceptable?		Date Inspected	Signature of Inspector
		Yes	No ³		
Annually	L40 - Manhole				
Annually	L41 - Manhole				
Semiannually	L42 - Outlet to Lined Pond				
Annually	S1 - Catch Basin				
Annually	S2 - Catch Basin				
Annually	S3 - Catch Basin				
Annually	S4 - Manhole				
Annually	S5 - Manhole				
Annually	S6 - Catch Basin				
Annually	S7 - Catch Basin				
Annually	S8 - Catch Basin				
Annually	S9 - Catch Basin				
Annually	S10 - Catch Basin				
Annually	S11 - Catch Basin				
Annually	S12 - Catch Basin				
Annually	S12.1 - Manhole				
Annually	S12.2 - Manhole				
Annually	S12.3 - Manhole				
Annually	S13 - Manhole ⁴				
Annually	S14 - Manhole				
Annually	S15 - Manhole				
Annually	S16 - Culvert Inlet				
Annually	S17 - Catch Basin				
Annually	S18 - Catch Basin				
Annually	S19 - Catch Basin				
Semiannually	S20 - Outlet				
FIGURE 2					
Quarterly	N24 MC VI Diversion Berm ⁴				
Semiannually	N25 - (3) 24 inch culverts				
Semiannually	N26 - (3) 15 inch culverts				
Semiannually	N27 - (4) 15 inch culvert				
Semiannually	N28 - 36 inch culvert				
Semiannually	N29 - 36 inch culvert				
Semiannually	N30 - 36 inch culvert				
Semiannually	N31 - (7) 12 inch culvert				
Semiannually	N37 - (3) 15 inch culvert				
Semiannually	N40 - 18 inch culvert				
Semiannually	S25 - (2) 12 inch culverts				
Quarterly	S26 - East MC I Ditch ⁴				
Semiannually	S27 - 18 inch culvert				
Quarterly	S28 - MC I Diversion Berm ⁴				
Quarterly	S29 - MC I Highpoint ⁴				
Quarterly	S40- S3 Inlet Containment Berm				

WAYNE DISPOSAL, INC. STORM WATER MANAGEMENT SYSTEM INSPECTION FORM

Inspection Frequency	Inspection Item ¹	Acceptable?		Date Inspected	Signature of Inspector
		Yes	No ³		
FIGURE 3					
Semiannually	S21 - 18 inch culvert				
Semiannually	S22 - 15 inch culvert				
Semiannually	S23 - 30 inch culvert				
Quarterly	S30 - East MC X Ditch ⁴				
Quarterly	S31 - South MC X Ditch ⁴				
Quarterly	S32 - West MC X Ditch ⁴				
Semiannually	S36 - 30 inch culvert				
Quarterly	S39 - East MC VI Ditch ⁴				
Semiannually	S40- 60 inch culvert				
Semiannually	S41 - Pump Discharge Pipe				
Semiannually	S42 - 48 inch culvert				
Quarterly	N2 - MC X/ XI Ditch ⁴				
Semiannually	N3 - 48 inch culvert, (2) 30 inch culverts				
Quarterly	N4 - MC VII/ XI Ditch ⁴				
Semiannually	N5 - 24 inch culvert				
Quarterly	N6 - MC VII/ IX Ditch ⁴				
Semiannually	N7 - (3) 24 inch culverts				
Quarterly	N8 - North MC VII Ditch ⁴				
Semiannually	N10 - 54 inch culvert, 36 inch culvert				
Quarterly	N11 - North MC IX Ditch ⁴				
Quarterly	N12 - Northeast MC IX Ditch ⁴				
Semiannually	N13 - 54 inch culvert, (3) 30 inch culverts				
Quarterly	N14 - East MC IX Ditch ⁴				
Quarterly	N15 - North Sed. Basin Discharge				
Quarterly	N21 - Manhole				
Quarterly	N22 - MC X Diversion Berm ⁴				
Semiannually	N23 - 36 inch culvert				
Semiannually	N32 - (4) 12 inch culverts				
Annually	N41 - MC VII West Drainage				
FIGURE 4					
Annually	Critical Curbing, overflow containment ⁴				
Annually	Critical Curbing, other				
NORTH SEDIMENTATION BASIN					
Quarterly	Maximum Target Elevation Markings				
Even Years	Maximum Target Elevation Markings				
Quarterly	Sidewalls				
Annual ²	Sediment levels				
SOUTH SEDIMENTATION BASIN					
Quarterly	Maximum Target Elevation Markings				
Even Years	Maximum Target Elevation Markings				
Quarterly	Sidewalls				
Annual ²	Sediment levels				

WAYNE DISPOSAL, INC. STORM WATER MANAGEMENT SYSTEM INSPECTION FORM

Inspection Frequency	Inspection Item ¹	Acceptable?		Date Inspected	Signature of Inspector
		Yes	No ³		
LINED POND					
Quarterly	Maximum Target Elevation Markings				
Even Years	Maximum Target Elevation Markings				
Quarterly	Membrane Integrity				
Annual ²	Sediment Levels				

Footnotes for Inspection Form

1 - See Storm Water Management System Figures 1, 2, 3 and 4 of the Standard Operating Procedure for Storm Water Management to locate each structure to be inspected.

2 - Typically in May or June or as soon thereafter as practicable when water levels allow.

3 - If "No" is checked (i.e., inspected item is not acceptable), attach a corrective action report with location and description of the unacceptable condition, summary of corrective actions performed and date by which actions were completed. The corrective action report must be signed by the Landfill Manager or designee.

4 - Table 1 must be completed for this structure once per year.

Inspection Instructions

- 1) To locate the structures required to be inspected by this form, refer to Figures 1, 2, 3 and 4 of the Standard Operating Procedure for Storm Water Management.
- 2) At the frequencies shown above, compare each structure against the Definitions of Unacceptable Conditions listed below.
- 3) Structures marked with footnote 4 must be surveyed annually at the checkpoints listed in Table 1 and shown in Figures 1, 2, 3 and 4; the elevations/heights entered to Table 1 to determine whether the structures have materially changed (i.e., are unable to transmit at least a 25-year, 24-hour storm); and the completed Table 1 attached to the completed inspection form.
- 4) When inspecting ditches and diversion berms other than for the annual Table 1 survey, it is not required to survey elevations of the Table 1 checkpoints; but ditches and berms must be inspected over their entire lengths and evaluated against the Definitions of Unacceptable Conditions listed below.
- 5) Signing that a structure is acceptable means the inspector certifies the structure does NOT meet any of the Definitions of Unacceptable Conditions listed below. However, if "No" is checked (i.e., inspected item is not acceptable), attach a corrective action report with location and description of the unacceptable condition, summary of corrective actions performed and date by which actions were completed. The corrective action report must be signed by the Landfill Manager or designee. Copies of Figures 1, 2, 3 and 4 may be marked and attached to show the location(s) of unacceptable conditions.

Definitions of Unacceptable Conditions

Diversion Berms: Unacceptable means any condition that could cause reduced carrying capacity or bypass anywhere along the berm (e.g., excessive sediment build-up, blockages or erosion); or the heights at any of the inspection checkpoints are materially less than the required heights in Table 1. If possible during or shortly after a rain event, observe whether water is overtopping or bypassing the berms anywhere along their length.

Ditches: Unacceptable means any condition that could cause reduced carrying capacity or bypass anywhere along the ditch (e.g. excessive sediment build-up, blockages or erosion); or the elevations at any of the inspection checkpoints are materially higher than the required elevations in Table 1. If possible during or shortly after a rain event, look for water levels that are abnormally high as a possible indication of the need for maintenance.

Culverts: Unacceptable means any condition that could cause reduced carrying capacity or bypass (e.g., excessive sediment build-up, blockages, collapsed or misaligned pipe sections based on visual inspection from end of pipe). If possible during or shortly after a rain event, look for water levels that are abnormally high as a possible indication of the need for maintenance.

Catch Basins (flow-through lids): Unacceptable means the lid or structure are damaged or sediment or debris are blocking flow through the catch basin. If possible during or shortly after a rain event, look for water levels that are abnormally high as a possible indication of the need for maintenance.

Manholes (solid lids): Unacceptable means the lid or structure are damaged; the cover gasket is missing or damaged; or sediment or debris are blocking flow through the manhole. If possible during or shortly after a rain event, look for water levels that are abnormally high as a possible indication of the need for maintenance. At the conclusion of the inspection reseal the gasket and securely tighten bolts to ensure a leak-tight seal.

Critical Curbing, overflow containment: Only Critical Curbing as defined in the Standard Operating Procedure for Storm Water Management must be inspected. Unacceptable means any condition that could compromise the ability of the curbing to contain runoff anywhere along its length (e.g., broken, severely cracked); or the elevations at any of the inspection checkpoints are materially less than the required elevations in Table 1.

Critical Curbing, other: Only Critical Curbing as defined in the Standard Operating Procedure for Storm Water Management must be inspected. Unacceptable means any condition that could compromise the ability of the curbing to direct flow anywhere along its length (e.g., broken, severely cracked).

Maximum Target Elevation markings, quarterly inspection: Unacceptable means MTE markers are damaged, missing or not visible.

Maximum Target Elevation markings, even year inspection: Unacceptable means the MTE markings are not at the correct elevations stated in the procedure.

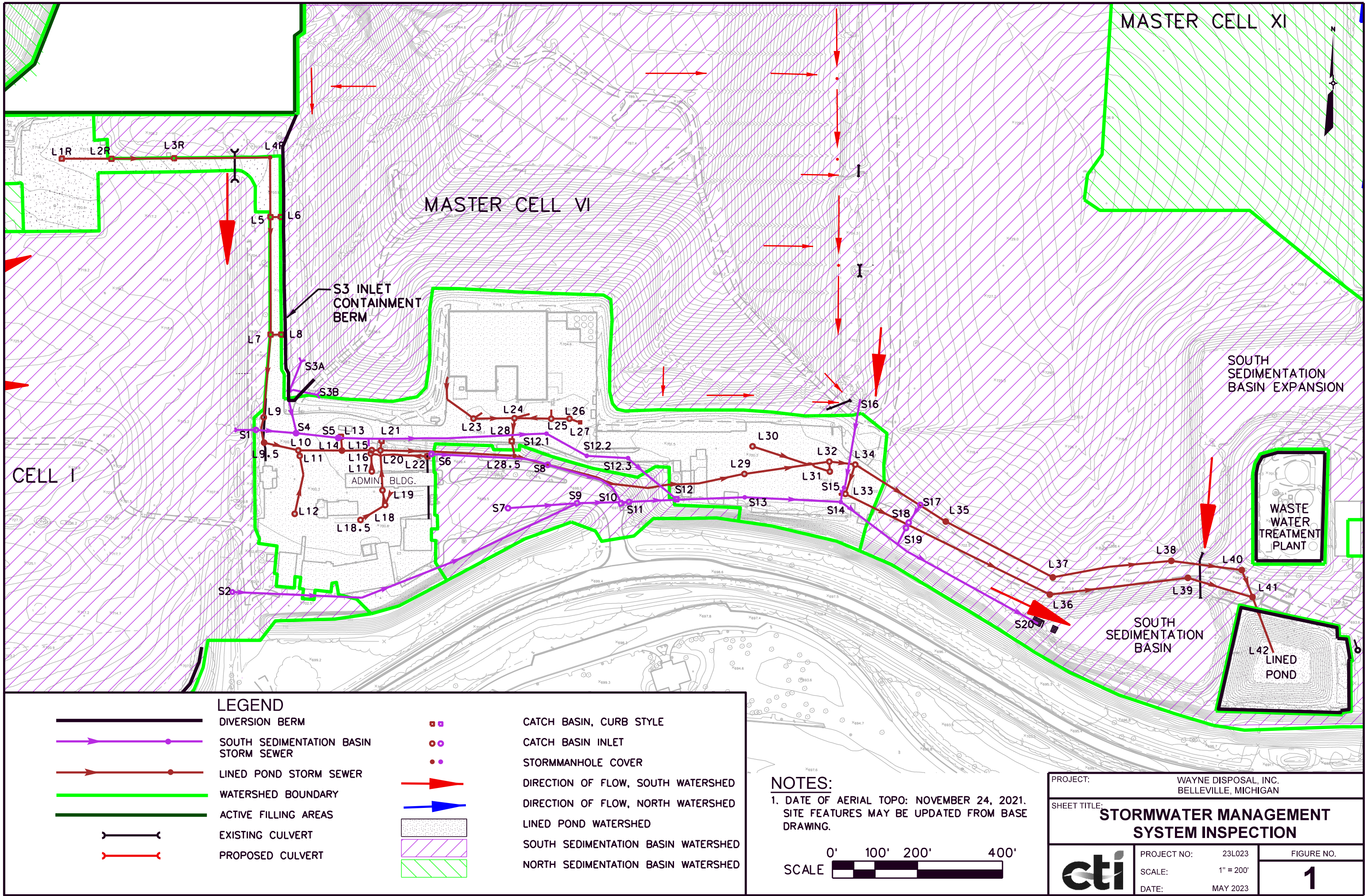
Sidewalls (sedimentation basins only): Unacceptable means excessive soil erosion (deep rills) or inadequate vegetation to inhibit erosion.

Membrane integrity (lined pond only): Unacceptable means there are defects (e.g., holes, cracking or other damage) in the visible portion of the membrane.

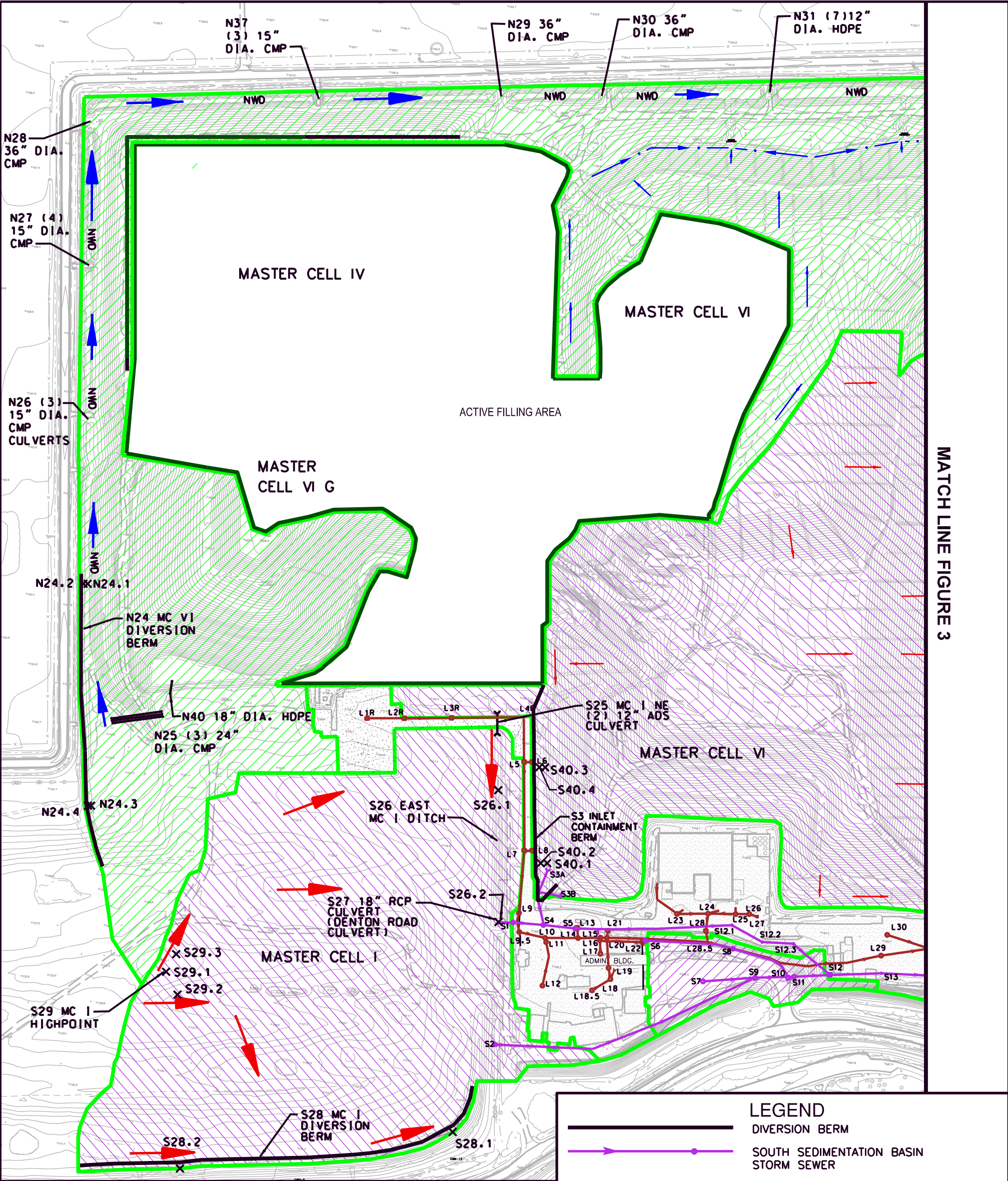
Sediment levels: Unacceptable means the elevation of the top of the sediment is less than two feet below the MTE at the monitoring points specified in the Standard Operating Procedure for Storm Water Management.

TABLE 1 WAYNE DISPOSAL, INC. STORM WATER MANAGEMENT SYSTEM INSPECTION FORM								
Structure	Checkpoint	Description	Location		Original Elevation	Existing Elevation	Original Height	Existing Height
			Northing	Easting				
S26	S26.1	East MC I/ Woodlot Ditch	6660.3	4980.6	701.2		NA	NA
	S26.2		6248.4	4981.5	700.9		NA	NA
S28	S28.1	MC I Diversion Berm	5589.3	4834.8	717.8		NA	NA
	S28.2		5478.5	3986.3	719.0		NA	NA
S29	S29.1	MC I	6093.2	3942.9	737.3		NA	NA
	S29.2		6021.6	3978.7	731.4		NA	NA
	S29.3		6148.2	3974.7	735.2		NA	NA
S30	S30.1	East MC X Ditch	7097.8	8945.7	695.8		NA	NA
	S30.2		6547.9	8951.4	695.1		NA	NA
	S30.3		5844.5	8955.1	693.8		NA	NA
S31	S31.1	South MC X Ditch	5616.5	8712.5	692.7		NA	NA
	S31.2		5599.7	8328.0	691.3		NA	NA
	S31.3		5638.0	7898.8	690.4		NA	NA
S32	S32.1	West MC X Ditch	5753.7	7806.5	689.8		NA	NA
	S32.2		6420.1	7794.0	688.3		NA	NA
S39	S39.1	East MC VI Ditch	6836.9	6444.6	701.1		NA	NA
	S39.2		6354.9	6447.5	697.9		NA	NA
S40	S40.1	S3 Inlet Containment Berm	6432.2	5133.5	704.2		NA	NA
	S40.2		6432.2	5113.3	714.0		NA	NA
	S40.3		6731.5	5127.1	705.4		NA	NA
	S40.4		6732.1	5109.3	714.0		NA	NA
N2	N2.1	MC X/ XI Ditch	6636.2	7649.2	700.3		NA	NA
	N2.2		6894.5	7646.9	700.1		NA	NA
	N2.3		7272.2	7628.4	699.5		NA	NA
	N2.4	MC X/ XI Ditch Berm	6570.9	7649.8	706.0		NA	NA
N4	N4.1	MC VII/ XI Ditch	7563.9	7021.9	705.8		NA	NA
	N4.2		7580.4	7518.6	699.6			
	N4.3		7563.3	6886.4	706.2		NA	NA
N6	N6.1	MC VII/ IX Ditch	7422.2	7623.7	699.5		NA	NA
	N6.2		8122.5	7607.4	698.1		NA	NA
	N6.3		8814.0	7597.0	696.6		NA	NA
N8	N8.1	North MC VII Ditch	8865.6	6520.1	701.1		NA	NA
	N8.2		8873.1	7044.8	698.2		NA	NA
	N8.3		8878.8	7461.8	697.4		NA	NA
N11	N11.1	North MC IX Ditch	8886.2	7717.7	697.2		NA	NA
	N11.2		8904.5	8484.3	696.4		NA	NA
N12	N12.1	Northeast MC IX Ditch	8502.0	8858.8	695.6		NA	NA
	N12.2		7944.8	8946.3	694.9		NA	NA
N14	N14.1	East MC IX Ditch	7311.0	8930.1	698.1		NA	NA
	N14.2		7855.6	8943.2	694.0		NA	NA
N22	N22.1	Toe MC X Diversion Berm	6508.1	7859.4	711.7		2.5	0.0
	N22.2	Top MC X Diversion Berm	6502.0	7853.4	714.2			
	N22.3	Toe MC X Diversion Berm	5875.0	7950.6	715.8			
	N22.4	Top MC X Diversion Berm	5872.4	7942.7	717.3		1.5	0.0
	N22.5	Toe MC X Diversion Berm	5722.3	8494.5	723.6			
	N22.6	Top MC X Diversion Berm	5714.7	8494.9	724.7			
	N22.7	Toe MC X Diversion Berm	6442.6	8846.7	714.8		1.1	0.0
	N22.8	Top MC X Diversion Berm	6442.2	8855.0	715.9			
	N22.9	Toe MC X Diversion Berm	7178.3	8898.6	706.5			
	N22.10	Top MC X Diversion Berm	7178.2	8906.6	707.5		1.0	0.0
N24	N24.1	Toe MC VI Diversion Berm	7304.8	3697.9	709.3		2.7	0.0
	N24.2	Top MC VI Diversion Berm	7304.8	3684.9	712.0			
	N24.3	Toe MC VI Diversion Berm	6611.7	3708.6	712.8		3.0 (min.)	0.0
	N24.4	Top MC VI Diversion Berm	6611.7	3698.8	717.0			
N41	N41.1	MC VII West Drainage	7727.3	6570.1	Slope to Drain South		NA	NA
	N41.2		7935.3	6610.8			NA	NA
	N41.3		8132.7	6635.6			NA	NA
	N41.4		8302.0	6623.3	Slope to Drain North		NA	NA
	N41.5		8456.8	6645.1			NA	NA
	N41.6		8600.7	6660.0			NA	NA
Critical Curbing	C1	Critical Curbing	6164.7	5438.1	701.3		NA	NA
	C2	Critical Curbing	6104.3	5450.6	701.3		NA	NA
	C3	Critical Curbing	6059.7	5445.3	701.5		NA	NA
	C4	Critical Curbing	6238.8	5041.1	701.4		NA	NA
	C5	Critical Curbing	6326.6	5048.6	702.0		NA	NA

TIME PLOTTED: 10:58:39 AM
DATE PLOTTED: 5/11/2023
FILENAME: Z:\Shared\proj\Projects\Commercial\US Ecology\WDI\CAD\Stormwater\Inspections\2022\FIGURE 1 SW MANAGEMENT INSPECTIONS.dgn



DRAWING SIZE: 11"x17"



MATCH LINE FIGURE 3

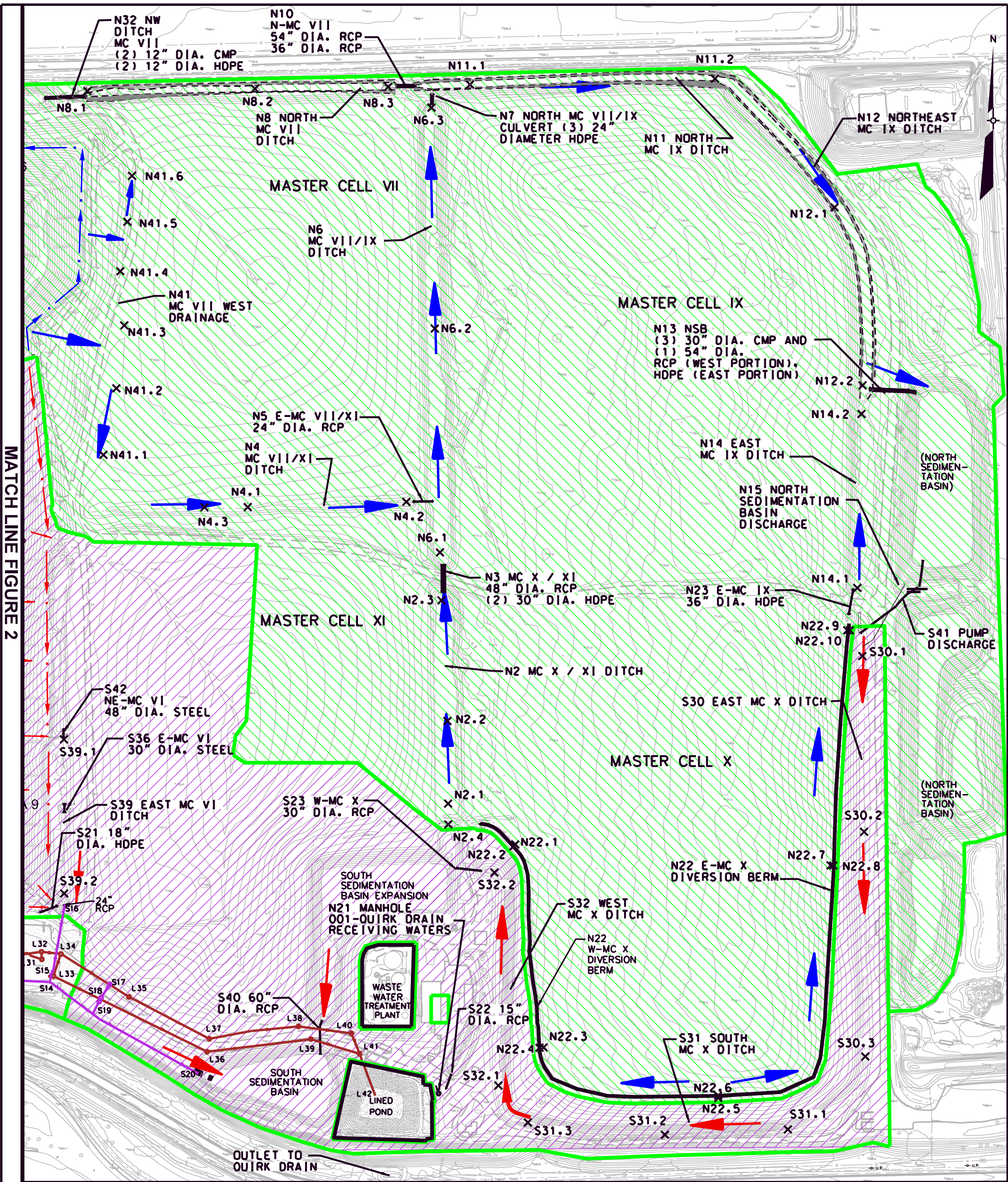
NOTES:

1. DATE OF AERIAL TOPO: NOVEMBER 24, 2021.
SITE FEATURES MAY BE UPDATED FROM BASE DRAWING.



PROJECT:	WAYNE DISPOSAL, INC. BELLEVILLE, MICHIGAN	
SHEET TITLE:	STORMWATER MANAGEMENT SYSTEM INSPECTION	
	PROJECT NO:	23L023
	SCALE:	1" = 300'
	DATE:	MAY 2023
	FIGURE NO.	2

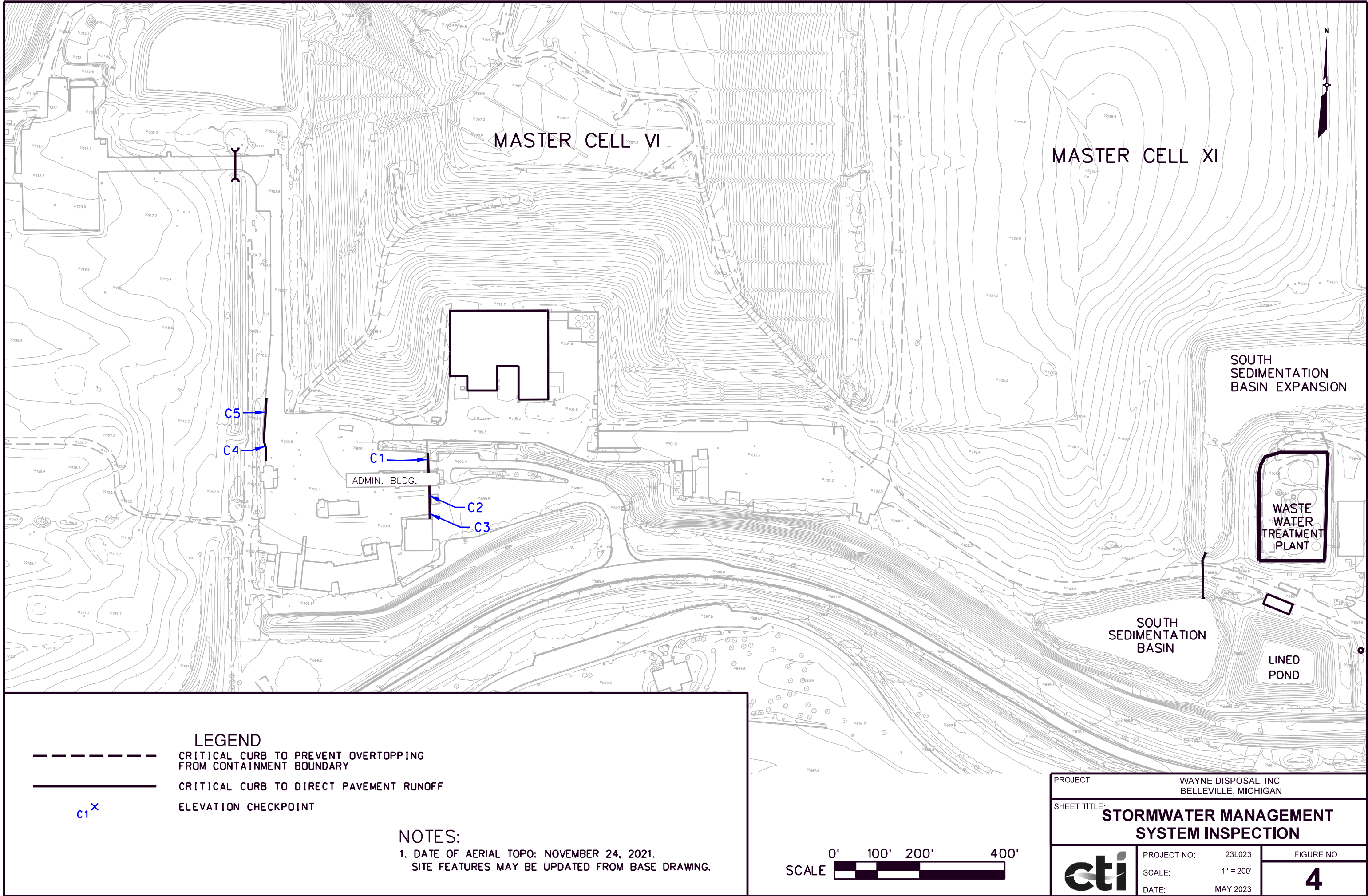
LEGEND	
	DIVERSION BERM
	SOUTH SEDIMENTATION BASIN STORM SEWER
	LINED POND STORM SEWER
	WATERSHED BOUNDARY
	ACTIVE FILLING AREAS
	EXISTING CULVERT
	CATCH BASIN, CURB STYLE
	CATCH BASIN INLET
	STORMMANHOLE COVER
	ELEVATION CHECKPOINT
	DIRECTION OF FLOW, SOUTH WATERSHED
	DIRECTION OF FLOW, NORTH WATERSHED
	LINED POND WATERSHED
	SOUTH SEDIMENTATION BASIN WATERSHED
	NORTH SEDIMENTATION BASIN WATERSHED



NOTES:

1. DATE OF AERIAL TOPO: NOVEMBER 24 ,2021.
SITE FEATURES MAY BE UPDATED FROM BASE DRAWING.

TIME PLOTTED: 11:00:29 AM
DATE PLOTTED: 5/11/2023
FILENAME: Z:\Shared\proj\Projects\Commercial\US Ecology\WDI\CAD\Stormwater\Inspections\2022\FIGURE 4 SW MANAGEMENT INSPECTIONS .dgn



Operating date: _____ Inspector: _____

VOC Instrument
Calibrated? ☐ Yes ☐ NO

1. Inspection required for containers that will be managed for treatment at WDI whose size is >121 gallons (0.46m³) and VOCs are >20%.
2. 40 CFR 265.1087(g)(1): Each potential leak interface (i.e., a location where organic vapor leakage could occur) on the container, its cover, and associated closure devices, as applicable to the container, shall be checked. Potential leak interfaces that are associated with containers include, but are not limited to: The interface of the cover rim and the container wall; the periphery of any opening on the container or container cover and its associated closure device; and the sealing seat interface on a spring-loaded pressure-relief valve.
3. 40 CFR 265.1084(d)(8)and (9): Difference between the maximum organic concentration indicated by the instrument and the background level shall be compared with the value of 500 ppmv except when monitoring a seal around a rotating shaft that passes through a cover opening. If the difference is less than 500 ppmv, then the potential leak interface is determined to operate with no detectable organic emissions. For the seals around a rotating shaft that passes through a cover opening, the arithmetic difference between the maximum organic concentration indicated by the instrument and the background level shall be compared with the value of 10,000 ppmw. If the difference is less than 10,000 ppmw, then the potential leak interface is determined to operate with no detectable organic emissions.