

June 18th 2019

Routine Facility Inspection Reports

Instructions:

- Include in your records copies of all routine facility inspection reports completed for the facility.
- The sample inspection report is consistent with the requirements in Part 3.1.2 of the 2015 MSGP relating to routine facility inspections. Facilities subject to state industrial stormwater permits may also find this form useful. **If your permitting authority provides you with an inspection report, use that form.**

Using the Sample Routine Facility Inspection Report

- This inspection report is designed to be customized according to the specific control measures and activities at your facility. For ease of use, you should take a copy of your site plan and number all of the stormwater control measures and areas of industrial activity that will be inspected. A brief description of the control measures and areas that were inspected should then be listed in the site-specific section of the inspection report.
- You can complete the items in the "General Information" section that will remain constant, such as the facility name, NPDES tracking number, and inspector (if you only use one inspector). Print out multiple copies of this customized inspection report to use during your inspections.
- When conducting the inspection, walk the site by following your site map and numbered control measures/areas of industrial activity to be inspected. Also note whether the "Areas of Industrial Materials or Activities exposed to stormwater" have been addressed (customize this list according to the conditions at your facility). Note any required corrective actions and the date and responsible person for the correction.

Note: MDE does not provide a separate inspection report template and has confirmed that the attached EPA template is acceptable.

Per 12-SW Permit, Part V.A.1. Routine Facility Inspection:

At least once per quarter, you must conduct a site assessment that will review the effectiveness of the SWPPP. At least once each calendar year, the routine facility inspection must be conducted during a period when a stormwater discharge is happening. The facility inspections must be documented with a checklist or other summary signed in accordance with Part II.C.2 of this permit, by qualified personnel, with at least one member of your stormwater pollution prevention team participating. The checklist must include a certification that the site is in compliance with the SWPPP and this permit, or a record of the deficiencies and necessary follow up actions. Refer to Part IV.C Corrective Action Deadlines and Part IV.D. Corrective Action Report for appropriate time frames.

Stormwater Industrial Routine Facility Inspection Report

General Information			
Facility Name	Cox Creek WRF		
NPDES Tracking No.	02SW0760		
Date of Inspection	JUNE 18, 2017	Start/End Time	1000 TO 1130
Inspector's Name(s)	JEROME NAPOLTA		
Inspector's Title(s)	Team Manager		
Inspector's Contact Information	410-222-6660		
Inspector's Qualifications	Trained		
Weather Information			
Weather at time of this inspection?			
<input type="checkbox"/> Clear <input checked="" type="checkbox"/> Cloudy <input type="checkbox"/> Rain <input type="checkbox"/> Sleet <input type="checkbox"/> Fog <input type="checkbox"/> Snow <input type="checkbox"/> High Winds <input type="checkbox"/> Other: Temperature: Low 90's / Chance of Rain			
Have any previously unidentified discharges of pollutants occurred since the last inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If yes, describe:			
Are there any discharges occurring at the time of inspection? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
If yes, describe:			

Control Measures

- Number the structural stormwater control measures identified in your SWPPP on your site map and list them below (add as many control measures as are implemented on-site). Carry a copy of the numbered site map with you during your inspections. This list will ensure that you are inspecting all required control measures at your facility.
- Identify if maintenance or corrective action is needed.
 - If maintenance is needed, fill out section B of this template
 - If corrective action is needed, fill out section G of this template

Abbreviations: BRB Bioretention Basin
GS Grass Swale

MBRB Micro-Bioretention Basin
PD Proprietary Device

RG Rain Garden
CB Catch Basin

Drainage Area 1

#	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
1	Outfall #1: Outside Fence/Behind Headworks Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Visual inspected from fence line, heavy plant growth
2	RG-1D: Front of Surge Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
3	RG-1: Behind Headworks Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
4	Permeable Pavers West of Primary Clarifiers	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Sprayed 6/17 for weed control

Drainage Area 2

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
1	Outfall #2: Outside Fence/Between Fine Screen Building & Primary Clarifiers	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	NEW - visually inspected from fence line/NO Access
2	PD-2-3: Proprietary Device in Ground between Fine Screen Building & Primary Clarifiers	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Storm channel free of trash & Debris
3	RG-2E: Side of Membrane Building next to Chemical Storage Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
4	RG-2F: Behind Fine Screen Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Drains very slow
5	Permeable Pavers North and South of Methanol Feed Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Sprayed 6/17 for weed control
6	Permeable Pavers West of Fine Screen Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	↓ ↓ ↓ ↓ ↓
7	Permeable Pavers West side of Membrane Facility and South side of Chemical Storage Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	↓ ↓ ↓ ↓ ↓

Drainage Area 3

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
1	Outfall #3: Outside Fence/Back Side of Reactor #4	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	NEW - visually inspected from fence line - NO Access
2	PD-3-4: Proprietary Device Parking Space behind Splitter Box	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
3	GS-3D: Swale behind Splitter Box	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
4	CB-3-2: Catch Basin outside Fence/Behind Splitter Box	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
5	Permeable Pavers East and South side of Fine Screen Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Sprayed 6/17 for weed control
6	Permeable Pavers Along Splitter Box	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	↓ ↓ ↓ ↓ ↓

Drainage Area 4

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
1	Outfall #4: Outside Fence/Behind Blower Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Usually Inspected from Fence line / No Access
2	RG-4A: Rain Garden in front of Digester Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Filled with Rain Water
3	Permeable Pavers: Roadway between Administration Building & Circular EQ Tanks	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Sprayed 6/17 for Weed Control ↓ ↓ ↓ ↓ ↓
4	Permeable Pavers. Membrane Building Front Entrance	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	↓ ↓ ↓ ↓ ↓
5	Permeable Pavers: Walkway behind Septage Receiving	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	↓ ↓ ↓ ↓ ↓
6	Permeable Pavers: Walkway South of Gravity Thickener #1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
7	BRB-4B: Bioretention Pond behind MRB Generator	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
8	CB-4-4: Catch Basin in front of Blower Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Recently Covered with cloth & stone ↓ ↓ ↓ ↓ ↓
9	CB-4-5: Catch Basin in front of Blower Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	↓ ↓ ↓ ↓ ↓
10	CB-4-11. Catch Basin in front of Pond at Digester Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
11	CB-4-13; Catch Basin in front of Membrane Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

Drainage Area 5

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
1	Outfall #5: Outside Fence/Behind EQ Building & Final Meter Vaults	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Usually Inspected from Fence line / No Access
2	BRB-5C: Large Bioretention Basin at Maintenance Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
3	Permeable Pavers: Walkway South of Gravity Thickener #2 and #3	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Sprayed 6/17 for Weed Control ↓ ↓ ↓ ↓ ↓
4	Permeable Pavers: North of High flow Treatment Facility	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	↓ ↓ ↓ ↓ ↓

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
5	Permeable Pavers: Maintenance Building Front Parking Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Sprayed 6/17 for Weed Control
6	RG-5E: Rain Garden between High Flow Building & Scum Wet Well #1	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
7	RG-5F: Rain Garden in front of High Flow Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
8	MBRB-5G: Micro-Bioretentation Basin between truck weigh station and Maintenance Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
9	MBRB-5H: Micro-Bioretentation Basin. square pond at Maintenance Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
10	RG-5I: Rain Garden next to Thickener Odor Control Unit	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
11	CB-5-5: Catch Basin in Roadway near Gravity Thickener No. 3	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
12	CB-5-6: Catch Basin in front Biosolids Handling Building Side Door	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

Drainage Area 6

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
1	Outfall #6: Rip Rap Swale at Final Meter Vault	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Swale free of weeds/trash/debris
2	RG-6B: Front side of Sodium Hypochlorite Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

Drainage Area 7

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
1	Outfall #7: Outside Fence, End of Roadway between Post	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	usually inspected from fence line/NO Access

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
	Chlorination and Sodium Hypochlorite Buildings			
2	Permeable Pavers: Maintenance Building Side Parking Area	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Sprayed 6/17 for weed control
3	MBRB-7D: Micro-Bioretenion Basin near Maintenance Building Bay Door	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
4	MBRB-7E: Micro-Bioretenion Basin in front of Maintenance Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
5	CB-7-2: Catch Basin at End of Roadway between Post Chlorination and Sodium Hypochlorite Buildings	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	
6	CB-7-4: Catch Basin at Roadway Entrance to Scales	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

Drainage Area 8

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
1	Outfall #8: Rip Rap Swale at side of Sodium Bisulfite Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Swale free of trash/debris
2	RG-8B: Rain Garden behind Sodium Bisulfite Tank	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

Drainage Area 10

	Structural Control Measure	Control Measure is Operating Effectively?	If No, In Need of Maintenance, Repair, or Replacement?	Maintenance or Corrective Action Needed and Notes
1	Permeable Pavers: Walkway between Circular & Rectangular EQ Tanks	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	Sprayed 6/17 for weed control
2	IT-1 Infiltration Trench at side of Blower Building	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	<input type="checkbox"/> Maintenance <input type="checkbox"/> Repair <input type="checkbox"/> Replacement	

Areas of Industrial Materials or Activities Exposed to Stormwater

Below are some general areas that should be assessed during routine inspections. Customize this list as needed for the specific types of industrial materials or activities at your facility that are potential pollutant sources. Identify if maintenance or corrective action is needed. If maintenance is needed, fill out section B of this template. If corrective action is needed, fill out section G of this template.

	Area/Activity	Inspected?	Controls Adequate (appropriate, effective and operating)?	Maintenance or Corrective Action Needed and Notes
1	Material loading/unloading and storage areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	
2	Equipment operations and maintenance areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	
3	Fueling areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Gas stored in Safety cabinets
4	Outdoor vehicle and equipment washing areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Septage only/Drain Back To Plant
5	Waste handling and disposal areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	
6	Erodible areas/construction	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	
7	Non-stormwater/ illicit connections	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	
8	Salt storage piles or pile containing salt	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Stored inside OCEAN Building 80 lbs Bags
9	Dust generation and vehicle tracking	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	
10	Processing areas	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	Inspected All Basins
11	Areas where industrial activity has taken place in the past and significant materials remain and are exposed to storm water	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	
12	Immediate access roads and rail lines used or traveled by carriers of raw materials, manufactured products, waste material, or by-products used or created by the facility	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A N/A	<input type="checkbox"/> Yes <input type="checkbox"/> No	
13	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A /	<input type="checkbox"/> Yes <input type="checkbox"/> No	
14	(Other)	<input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A /	<input type="checkbox"/> Yes <input type="checkbox"/> No	

Discharge Points

At discharge points, describe any evidence of, or the potential for, pollutants entering the drainage system. Also describe observations regarding the physical condition of and around all outfalls, including any flow dissipation devices, and evidence of pollutants in discharges and/or the receiving water. Identify if any corrective action is needed.

N/A

Non-Compliance

Describe any incidents of non-compliance observed and not described above:

N/A

Additional Control Measures

Describe any additional control measures needed to comply with the permit requirements:

N/A

Notes

Use this space for any additional notes or observations from the inspection:

N/A

CERTIFICATION STATEMENT

"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations."

Print name and title: JEFFREY NAPORA / TERM MANAGER

Signature: _____ Date: 6/18/2019

QUARTERLY INSPECTION CHECKLIST FOR STORMWATER DEVICES

Date: 6/20/2019

Inspector's Printed Name: TERENCE NAJORA

Inspector's Signature: 

Date Signed: 6/20/2019

<i>Rain Gardens</i>			
DEVICE	ITEM	YES/NO	COMMENTS
RG-1 Located behind Headworks	1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i>	NO	
	2. Does Grass height exceed 12 inches? <i>Mow if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
	4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i>	YES	
RG-1D Located in front of Surge Building	1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i>	NO	
	2. Does Grass height exceed 12 inches? <i>Mow if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	

	4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i>	YES	
RG-2E Located Membrane Building next to Chemical Rooms	1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i>	NO	
	2. Does Grass height exceed 12 inches? <i>Mow if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
	4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i>	YES	
RG-2F Located rear of Fine Screen Building	1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i>	YES	POND DOES NOT DRAIN PROPERLY
	2. Does Grass height exceed 12 inches? <i>Mow if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	N/A	Full of water
	4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i>	N/A	Full of water
RG-4A Located front of Digester Bldg.	1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i>	YES	POND DOES NOT DRAIN PROPERLY
	2. Does Grass height exceed 12	N/A	Full of water

	<p>inches? <i>Mow if needed.</i></p>		No Grass visible
	<p>3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i></p>	N/A	Full of water
	<p>4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i></p>	N/A	Full of water
<p>RG-5E Located North Side High Flow Building</p>	<p>1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i></p>	NO	
	<p>2. Does Grass height exceed 12 inches? <i>Mow if needed.</i></p>	NO	
	<p>3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i></p>	NO	
	<p>4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i></p>	YES	
<p>RG-5F Located South Side High Flow Building</p>	<p>1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i></p>	NO	
	<p>2. Does Grass height exceed 12 inches? <i>Mow if needed.</i></p>	NO	
	<p>3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i></p>	NO	
	<p>4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i></p>	YES	

RG-51 Located West Side GT Odor Control System	1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i>	NO	
	2. Does Grass height exceed 12 inches? <i>Mow if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
	4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i>	YES	
RG-6B Located East Side Sodium Hypochlorite Building	1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i>	NO	
	2. Does Grass height exceed 12 inches? <i>Mow if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
	4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i>	YES	
RG-8B <i>Sediment</i> Located behind Sodium Hydroxide Tank	1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i>	NO	
	2. Does Grass height exceed 12 inches? <i>Mow if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch?	NO	

	<i>Remove Silt/Sediment if needed.</i>		
	4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i>	YES	

<i>Micro-Bioretenion Basins / Bioretention Basins</i>			
DEVICE	ITEM	YES/NO	COMMENTS
BRB-4B Located West Side of Membrane Tanks	1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i>	NO	
	2. Does Grass height exceed 12 inches? <i>Mow if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
	4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i>	YES	
	5. Is there any dead or diseased plant material? <i>Dead or diseased plant material shall be replaced.</i>	NO	
BRB-4F Located Front of Membrane Building	1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i>	NO	
	2. Does Grass height exceed 12 inches? <i>Mow if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
	4. Is growth vigorous and dense? <i>Any bare spots, burned out areas,</i>	YES	

	<i>or eroded areas must be re-seeded and re-sodded.</i>		
	5. Is there any dead or diseased plant material? <i>Dead or diseased plant material shall be replaced.</i>	NO	
BRB-5C Located East Side Maintenance Building between Sludge Building and Maintenance Building	1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i>	NO	
	2. Does Grass height exceed 12 inches? <i>Mow if needed.</i>	yes	Week mowing
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
	4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i>	NO	
	5. Is there any dead or diseased plant material? <i>Dead or diseased plant material shall be replaced.</i>	NO	
BRB-5G Located in Front of Scales East Side	1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i>	NO	
	2. Does Grass height exceed 12 inches? <i>Mow if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
	4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i>	YES	
	5. Is there any dead or diseased plant	NO	

	<p>material? <i>Dead or diseased plant material shall be replaced.</i></p>	NO	
<p>BRB-5H Located Behind Maintenance Building Garage</p>	<p>1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i></p>	NO	
	<p>2. Does Grass height exceed 12 inches? <i>Mow if needed.</i></p>	YES	NEEDS MOWING
	<p>3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i></p>	NO	
	<p>4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i></p>	YES	
	<p>5. Is there any dead or diseased plant material? <i>Dead or diseased plant material shall be replaced.</i></p>	NO	NEED TO TRIM TREE'S
<p>BRB-7D Located Between Maintenance Building Driveway and Scale Driveway</p>	<p>1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i></p>	NO	
	<p>2. Does Grass height exceed 12 inches? <i>Mow if needed.</i></p>	YES	
	<p>3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i></p>	NO	
	<p>4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i></p>	NO	

	5. Is there any dead or diseased plant material? <i>Dead or diseased plant material shall be replaced.</i>	NO	NEED to TRIM TREES
BRB-7E Located Between Maintenance Building Driveway and Paint Room	1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i>	NO	
	2. Does Grass height exceed 12 inches? <i>Mow if needed.</i>	YES	NEEDS Mowin
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
	4. Is growth vigorous and dense? <i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i>	YES	
	5. Is there any dead or diseased plant material? <i>Dead or diseased plant material shall be replaced.</i>	NO	NEED TO TRIM TREES

Green Roof			
DEVICE	ITEM	YES/NO	COMMENTS
Green Roof Located on Membrane Building Roof	1. Is ponding evident on the surface of the filter bed for more than 72 hours? <i>Remove top few inches of discolored material and dispose properly. Replace with fresh material.</i>	NO	
	2. Does Grass height exceed 12 inches? <i>Mow if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
	4. Is growth vigorous and dense?	YES	

	<i>Any bare spots, burned out areas, or eroded areas must be re-seeded and re-sodded.</i>	NO	
	5. Is there any dead or diseased plant material? <i>Dead or diseased plant material shall be replaced.</i>	NO	

Grass Swales / Conveyance Swales

DEVICE	ITEM	YES/NO	COMMENTS
GS-3D Located East Side of Splitter Box	1. Do the grounds require maintenance due to overgrowth? <i>Regular mowing is critical in order to reduce competition from weeds and irrigation may be needed during dry weather to establish vegetation. Sparsely vegetated areas need to be re-seeded to maintain dense coverage.</i>	NO	Regular mowing, Mowing contract in place
	2. Is water taking longer than 48 hours to drain? <i>The bottom soil shall be tilled and revegetated.</i>	NO	
	3. Are conveyance swales free of debris? <i>Remove and position away from these areas. Water should be able to flow quickly through trench.</i>	YES	NO TRASH OR Debris in Swale

Infiltration Trenches

DEVICE	ITEM	YES/NO	COMMENTS
IT-1 Located West Side of Blower Building	1. Does buffer strip require mowing? <i>Mow buffer strip to prevent woody growth. Extreme care should be taken to ensure that the buffer strip is not mowed too short. Baggers should be used to prevent clippings from clogging the trench.</i>	NO	
	2. Has seeding growth developed in the vicinity of the trench? <i>Remove seeding growth to prevent root puncture, which may cause sediment to enter trench.</i>	NO	Stone Drainage visible

Proprietary Devices

DEVICE	ITEM	YES/NO	COMMENTS
PD-2-3 Located Corner PST #6 -- Effluent Side of Tank	1. Is the pre-treatment sump filled with sediment? <i>Remove Silt/Sediment if needed.</i>	NO	
	2. Does the sediment loading on the treatment bay floor or top of cartridge exceed 4 inches? <i>Remove Silt/Sediment if needed.</i>	NO	
	3. Is the scum line above the cartridges greater than 1/2 inches thick? <i>Remove Scum if needed.</i>	NO	
PD-3-4 Located South Side of Splitter Box	1. Is the pre-treatment sump filled with sediment? <i>Remove Silt/Sediment if needed.</i>	NO	
	2. Does the sediment loading on the treatment bay floor or top of cartridge exceed 4 inches? <i>Remove Silt/Sediment if needed.</i>	NO	
	3. Is the scum line above the cartridges greater than 1/2 inches thick? <i>Remove Scum if needed.</i>	NO	

Outfalls

DEVICE	ITEM	YES/NO	COMMENTS
Outfall 1 Located West of Headworks Bldg	1. Are any of the areas bare, are rocks out of position, are objects blocking the flow path of the water? <i>Any bare spots, burned out areas, or eroded areas must be recovered.</i>	NO	Visually Inspected At Fence Line/No Access To outfall
	2. Is there excessive overgrowth between rock materials? <i>Remove if needed.</i>	NO	

	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
Outfall 2 Riprap between Primary Clarifiers and FSF	1. Are any of the areas bare, are rocks out of position, are objects blocking the flow path of the water? <i>Any bare spots, burned out areas, or eroded areas must be recovered.</i>	NO	Visually Inspected at Fence line/NO Access to outfall
	2. Is there excessive overgrowth between rock materials? <i>Remove if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
Outfall 3 Southwest Corner of Reactor Distribution Box	1. Are any of the areas bare, are rocks out of position, are objects blocking the flow path of the water? <i>Any bare spots, burned out areas, or eroded areas must be recovered.</i>	NO	Visually Inspected at Fence line/NO Access to outfall
	2. Is there excessive overgrowth between rock materials? <i>Remove if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
Outfall 4 Riprap behind Blower Building	1. Are any of the areas bare, are rocks out of position, are objects blocking the flow path of the water? <i>Any bare spots, burned out areas, or eroded areas must be recovered.</i>	NO	Visually Inspected at Fence line/NO Access to outfall
	2. Is there excessive overgrowth between rock materials? <i>Remove if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	

Outfall 5 Riprap between Effluent FM and Equalization Tanks	1. Are any of the areas bare, are rocks out of position, are objects blocking the flow path of the water? <i>Any bare spots, burned out areas, or eroded areas must be recovered.</i>	NO	
	2. Is there excessive overgrowth between rock materials? <i>Remove if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
Outfall 6 Swale (riprap) at Effluent Flow Meters	1. Are any of the areas bare, are rocks out of position, are objects blocking the flow path of the water? <i>Any bare spots, burned out areas, or eroded areas must be recovered.</i>	NO	
	2. Is there excessive overgrowth between rock materials? <i>Remove if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
Outfall 7 Riprap Between Sodium Hypo and Post Chlor Bldg	1. Are any of the areas bare, are rocks out of position, are objects blocking the flow path of the water? <i>Any bare spots, burned out areas, or eroded areas must be recovered.</i>	NO	
	2. Is there excessive overgrowth between rock materials? <i>Remove if needed.</i>	NO	
	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
Outfall 8 North of Sodium Bisulfite Building	1. Are any of the areas bare, are rocks out of position, are objects blocking the flow path of the water? <i>Any bare spots, burned out areas, or eroded areas must be recovered.</i>	NO	
	2. Is there excessive overgrowth between rock materials? <i>Remove if needed.</i>	NO	

	3. Has sediment accumulated to a depth exceeding one (1) inch? <i>Remove Silt/Sediment if needed.</i>	NO	
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<i>Roof Drain Leaders</i>			
DEVICE	ITEM	YES/NO	COMMENTS
Roof Drain Leaders	1. Are all roof drain leaders and gutters free of debris and able to convey stormwater? <i>Clear debris to allow for proper roof drainage.</i>	YES	

- 1) GARDEN(S) NEEDING MOWING will be SCHEDULED
- 2) GARDEN PLANT'S will Be TRIMMED